



Alexandre Sanchez Pla

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**Alexandre Sanchez Pla**

Surname(s): **Sanchez Pla**
 Name: **Alexandre**
 DNI: **46217610F**
 ORCID: **0000-0002-8673-7737**
 ResearcherID: **H-8310-2015**
 ScopusID: **26538945400**
 Date of birth: **18/04/1958**
 Gender: **Male**
 Nationality: **Spain**
 Country of birth: **Spain**
 City of birth: **Barcelona (BARCELONA)**
 Contact address: **Facultat de Biologia. Departament de Genètica Microbiologia i Estadística. Avinguda Diagonal 643**
 Postcode: **08028**
 Contact country: **Spain**
 Contact city: **Barcelona**
 Land line phone: **934020949 - 20949**
 Fax: **934111733**
 Email: **asanchez@ub.edu**

Current professional situation

Employing entity: Universitat de Barcelona
Department: Faculty of Biology, Department of Genetics, Microbiology and Statistics
Professional category: Associate professor
Start date: 10/09/2008
Type of contract: Others **Dedication regime:** Full time
Primary (UNESCO code): 120900 - Statistics
Secondary (UNESCO code): 240500 - Biometrics
Tertiary (UNESCO code): 240401 - Biostatistics
Performed tasks: FILL THE INFORMATION ABOUT PRESENT PROFESSIONAL OCUPATION IN YOUR TEXT'S CURRICULA TAB

Previous positions and activities

	Employing entity	Professional category	Start date
1	Departament d'Estadística. Universitat de Barcelona	Professar Titular d'Escola Universitària (TEU)	18/10/1993
2	Departament d'Estadística. Universitat de Barcelona	Professar Ajudant LRU	01/01/1989

1



Employing entity: Departament d'Estadística. Universitat de Barcelon

Professional category: Professor Titular d'Escola Universitària (TEU)

Start date: 18/10/1993

Duration: 14 years - 10 months - 26 days

2 **Employing entity:** Departament d'Estadística. Universitat de Barcelon

Professional category: Professor Ajudant LRU

Start date: 01/01/1989

Duration: 4 years - 9 months - 18 days



Education

University education

1st and 2nd cycle studies and pre-Bologna degrees

1 **University degree:** Diploma / Degree / Activities
Name of qualification: Master of Science
City degree awarding entity: United Kingdom
Degree awarding entity: University of Manchester
Date of qualification: 25/11/2005

2 **University degree:** Diploma / Degree / Activities
Name of qualification: Biología
Degree awarding entity: Universitat de Barcelona
Date of qualification: 18/12/1982

Doctorates

Doctorate programme: Biología (Probabilitats i Estadística)
Degree awarding entity: Universitat de Barcelona **Type of entity:** University
City degree awarding entity: Spain
Date of degree: 06/09/1996
Thesis title: Estudi d'alguns problemes estadístics de la distància genètica de Prevosti. Modelització orientada a objectes en estadística i simulació
Thesis director: Jorge Ocaña Rebull
Obtained qualification: Capable Cum Laude

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
English	C1	C2	C1	C2	C2
French	C2	C2	C2	C2	C2
German	A2	A2	A2	A2	A2

Teaching experience



General teaching experience

- 1** **Type of teaching:** Official teaching
Name of the course: Regressió, Models i Mètodes
Type of programme: Master's degree
Type of subject: Obligatory
University degree: Bioinformàtica i Bioestadística
Geographical area: National
Start date: 03/2019
End date: 06/2019
Hours/ECTS credits: 5
Entity: Universitat de Barcelona
Faculty, institute or centre: Facultat de Biologia
City of entity: Barcelona, Catalonia, Spain

Type of teaching: In person theory
End date: 06/2019
Type of hours/ ECTS credits: Credits
- 2** **Type of teaching:** Official teaching
Name of the course: Estudi de les Òmiques en Recerca Translacional
Type of programme: Master's degree
Type of subject: Obligatory
University degree: Medicina Traslacional
Geographical area: National
Start date: 09/2018
End date: 02/2019
Hours/ECTS credits: 8
Entity: Universitat de Barcelona
Faculty, institute or centre: Facultat de Medicina
City of entity: Barcelona, Catalonia, Spain

Type of teaching: In person theory
End date: 02/2019
Type of hours/ ECTS credits: Credits
- 3** **Type of teaching:** Official teaching
Name of the course: Inferència Estadística Avançada
Type of programme: Master's degree
Type of subject: Optional
University degree: Estadística e Investigación Operativa(1)
Geographical area: National
Start date: 09/2018
End date: 02/2019
Hours/ECTS credits: 5
Entity: Universitat de Barcelona
Faculty, institute or centre: Facultat de Economía y Empresa
City of entity: Barcelona, Catalonia, Spain
Subject language: Spanish

Type of teaching: In person theory
End date: 02/2019
Type of hours/ ECTS credits: Credits
- 4** **Type of teaching:** Official teaching
Name of the course: Regressió, Models i Mètodes
Type of programme: Master's degree
Type of subject: Obligatory
University degree: Bioinformàtica i Bioestadística
Geographical area: National
Start date: 09/2018

Type of teaching: In person theory
End date: 02/2019



End date: 02/2019

Hours/ECTS credits: 5

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultat de Biologia

City of entity: Barcelona, Catalonia, Spain

Type of hours/ ECTS credits: Credits

5 Type of teaching: Official teaching

Name of the course: Anàlisi de Dades Òmiques

Type of programme: Master's degree

Type of subject: Optional

University degree: Estadística e Investigación Operativa(1)

Geographical area: National

Start date: 03/2018

End date: 06/2018

Hours/ECTS credits: 5

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultat de Economia y Empresa

City of entity: Barcelona, Catalonia, Spain

Subject language: English

Type of teaching: In person theory

End date: 06/2018

Type of hours/ ECTS credits: Credits

6 Type of teaching: Official teaching

Name of the course: Regressió, Models i Mètodes

Type of programme: Master's degree

Type of subject: Obligatory

University degree: Bioinformàtica i Bioestadística

Geographical area: National

Start date: 03/2018

End date: 06/2018

Hours/ECTS credits: 5

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultat de Biologia

City of entity: Barcelona, Catalonia, Spain

Type of teaching: In person theory

End date: 06/2018

Type of hours/ ECTS credits: Credits

7 Type of teaching: Official teaching

Name of the course: Estudi de les Òmiques en Recerca Translacional

Type of programme: Master's degree

Type of subject: Obligatory

University degree: Medicina Translacional

Geographical area: National

Start date: 09/2017

End date: 02/2018

Hours/ECTS credits: 6

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultat de Medicina

City of entity: Barcelona, Catalonia, Spain

Subject language: English

Type of teaching: In person theory

End date: 02/2018

Type of hours/ ECTS credits: Credits

8 Type of teaching: Official teaching

Name of the course: Inferència Estadística

Type of programme: Master's degree

Type of subject: Obligatory

Type of teaching: In person theory



University degree: Bioinformàtica i Bioestadística

Geographical area: National

Start date: 09/2017

End date: 02/2018

Hours/ECTS credits: 5

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultat de Biologia

City of entity: Barcelona, Catalonia, Spain

End date: 02/2018

Type of hours/ ECTS credits: Credits

9 Type of teaching: Official teaching

Name of the course: Inferència Estadística Avançada

Type of programme: Master's degree

Type of subject: Optional

University degree: Estadística e Investigación Operativa(1)

Geographical area: National

Start date: 09/2017

End date: 02/2018

Hours/ECTS credits: 5

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultat de Economía y Empresa

City of entity: Barcelona, Catalonia, Spain

Subject language: Spanish

Type of teaching: In person theory

End date: 02/2018

Type of hours/ ECTS credits: Credits

10 Type of teaching: Official teaching

Name of the course: Regressió, Models i Mètodes

Type of programme: Master's degree

Type of subject: Obligatory

University degree: Bioinformàtica i Bioestadística

Geographical area: National

Start date: 09/2017

End date: 02/2018

Hours/ECTS credits: 5

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultat de Biologia

City of entity: Barcelona, Catalonia, Spain

Type of teaching: In person theory

End date: 02/2018

Type of hours/ ECTS credits: Credits

11 Type of teaching: Official teaching

Name of the course: Anàlisi de Dades Òmiques

Type of programme: Master's degree

Type of subject: Optional

University degree: Estadística e Investigación Operativa(1)

Geographical area: National

Start date: 03/2017

End date: 06/2017

Hours/ECTS credits: 5

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultat de Economía y Empresa

City of entity: Barcelona, Catalonia, Spain

Subject language: English

Type of teaching: In person theory

End date: 06/2017

Type of hours/ ECTS credits: Credits



12 **Type of teaching:** Official teaching
Name of the course: Gestió de la Informació Estadística
Type of programme: Master's degree **Type of teaching:** In person theory
Type of subject: Obligatory
University degree: Estadística e Investigación Operativa(1)
Geographical area: National
Start date: 03/2017 **End date:** 06/2017
End date: 06/2017 **Type of hours/ ECTS credits:** Credits
Hours/ECTS credits: 5
Entity: Universitat de Barcelona
Faculty, institute or centre: Facultad de Economía y Empresa
City of entity: Barcelona, Catalonia, Spain
Subject language: Spanish

13 **Type of teaching:** Official teaching
Name of the course: Regressió, Models i Mètodes
Type of programme: Master's degree **Type of teaching:** In person theory
Type of subject: Obligatory
University degree: Bioinformàtica i Bioestadística
Geographical area: National
Start date: 03/2017 **End date:** 06/2017
End date: 06/2017 **Type of hours/ ECTS credits:** Credits
Hours/ECTS credits: 5
Entity: Universitat de Barcelona
Faculty, institute or centre: Facultad de Biología
City of entity: Barcelona, Catalonia, Spain

14 **Type of teaching:** Official teaching
Name of the course: Inferència Estadística Avançada
Type of programme: Master's degree **Type of teaching:** In person theory
Type of subject: Optional
University degree: Estadística e Investigación Operativa(1)
Geographical area: National
Start date: 09/2016 **End date:** 02/2017
End date: 02/2017 **Type of hours/ ECTS credits:** Credits
Hours/ECTS credits: 5
Entity: Universitat de Barcelona
Faculty, institute or centre: Facultad de Economía y Empresa
City of entity: Barcelona, Catalonia, Spain
Subject language: Spanish

15 **Type of teaching:** Official teaching
Name of the course: Regressió, Models i Mètodes
Type of programme: Master's degree **Type of teaching:** In person theory
Type of subject: Obligatory
University degree: Bioinformàtica i Bioestadística
Geographical area: National
Start date: 09/2016 **End date:** 02/2017
End date: 02/2017 **Type of hours/ ECTS credits:** Credits
Hours/ECTS credits: 5
Entity: Universitat de Barcelona



Faculty, institute or centre: Facultad de Biología

City of entity: Barcelona, Catalonia, Spain

16 Type of teaching: Official teaching

Name of the course: Anàlisi de Dades Òmiques

Type of programme: Master's degree

Type of teaching: In person theory

Type of subject: Optional

University degree: Estadística e Investigación Operativa(1)

Geographical area: National

Start date: 03/2016

End date: 06/2016

End date: 06/2016

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 5

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultad de Economía y Empresa

City of entity: Barcelona, Catalonia, Spain

Subject language: Spanish

17 Type of teaching: Official teaching

Name of the course: Gestió de la Informació Estadística

Type of programme: Master's degree

Type of teaching: In person theory

Type of subject: Obligatory

University degree: Estadística e Investigación Operativa(1)

Geographical area: National

Start date: 03/2016

End date: 06/2016

End date: 06/2016

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 5

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultad de Economía y Empresa

City of entity: Barcelona, Catalonia, Spain

Subject language: Spanish

18 Type of teaching: Official teaching

Name of the course: Introducció a la Inferència Estadística

Type of programme: Bachelor's degree

Type of teaching: In person theory

Type of subject: Formació bàsica

University degree: Estadística

Geographical area: National

Course given: 1

Start date: 03/2016

End date: 06/2016

End date: 06/2016

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 6

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultad de Economía y Empresa

City of entity: Barcelona, Catalonia, Spain

Subject language: Catalan

19 Type of teaching: Official teaching

Name of the course: Introducció a la Inferència Estadística

Type of programme: Bachelor's degree

Type of teaching: In person theory

Type of subject: Formació bàsica

University degree: Estadística

**Geographical area:** National**Course given:** 1**Start date:** 03/2016**End date:** 06/2016**End date:** 06/2016**Type of hours/ ECTS credits:** Credits**Hours/ECTS credits:** 6**Entity:** Universitat de Barcelona**Faculty, institute or centre:** Facultad de Economía y Empresa**City of entity:** Barcelona, Catalonia, Spain**Subject language:** Catalan**20 Type of teaching:** Official teaching**Name of the course:** Matemàtiques II**Type of programme:** Bachelor's degree**Type of subject:** Formacio basica**University degree:** Ciències del Mar**Geographical area:** National**Course given:** Primer curs**Start date:** 03/2016**Type of teaching:** Practical work (classroom-problems)**End date:** 06/2016**End date:** 06/2016**Hours/ECTS credits:** 6**Type of hours/ ECTS credits:** Credits**Entity:** Universitat de Barcelona**Faculty, institute or centre:** Facultad de Geología**City of entity:** Barcelona, Catalonia, Spain**21 Type of teaching:** Official teaching**Name of the course:** Estudi de les Òmiques en Recerca Translacional**Type of programme:** Master's degree**Type of subject:** Obligatory**University degree:** Medicina Traslacional**Geographical area:** National**Start date:** 09/2015**Type of teaching:** In person theory**End date:** 02/2016**End date:** 02/2016**Hours/ECTS credits:** 6**Type of hours/ ECTS credits:** Credits**Entity:** Universitat de Barcelona**Faculty, institute or centre:** Facultad de Medicina**City of entity:** Barcelona, Catalonia, Spain**Subject language:** English**22 Type of teaching:** Official teaching**Name of the course:** Inferència Estadística**Type of programme:** Master's degree**Type of subject:** Obligatory**University degree:** Bioinformàtica i Bioestadística**Geographical area:** National**Start date:** 09/2015**Type of teaching:** In person theory**End date:** 02/2016**End date:** 02/2016**Hours/ECTS credits:** 5**Type of hours/ ECTS credits:** Credits**Entity:** Universitat de Barcelona**Faculty, institute or centre:** Facultad de Biología**City of entity:** Barcelona, Catalonia, Spain



23 **Type of teaching:** Official teaching
Name of the course: Inferència Estadística Avançada
Type of programme: Master's degree **Type of teaching:** In person theory
Type of subject: Optional
University degree: Estadística e Investigación Operativa(1)
Geographical area: National
Start date: 09/2015 **End date:** 02/2016
End date: 02/2016 **Type of hours/ ECTS credits:** Credits
Hours/ECTS credits: 5
Entity: Universitat de Barcelona
Faculty, institute or centre: Facultad de Economía y Empresa
City of entity: Barcelona, Catalonia, Spain
Subject language: Spanish

24 **Type of teaching:** Official teaching
Name of the course: Anàlisi de Dades Òmiques
Type of programme: Master's degree **Type of teaching:** In person theory
Type of subject: Optional
University degree: Estadística e Investigación Operativa(1)
Geographical area: National
Start date: 03/2015 **End date:** 06/2015
End date: 06/2015 **Type of hours/ ECTS credits:** Credits
Hours/ECTS credits: 5
Entity: Universitat de Barcelona
Faculty, institute or centre: Facultad de Economía y Empresa
City of entity: Barcelona, Catalonia, Spain
Subject language: Spanish

25 **Type of teaching:** Official teaching
Name of the course: Gestió de la Informació Estadística
Type of programme: Master's degree **Type of teaching:** In person theory
Type of subject: Obligatory
University degree: Estadística e Investigación Operativa(1)
Geographical area: National
Start date: 03/2015 **End date:** 06/2015
End date: 06/2015 **Type of hours/ ECTS credits:** Credits
Hours/ECTS credits: 5
Entity: Universitat de Barcelona
Faculty, institute or centre: Facultad de Economía y Empresa
City of entity: Barcelona, Catalonia, Spain
Subject language: Spanish

26 **Type of teaching:** Official teaching
Name of the course: Introducció a la Inferència Estadística
Type of programme: Bachelor's degree **Type of teaching:** In person theory
Type of subject: Formació bàsica
University degree: Estadística
Geographical area: National
Course given: 1
Start date: 03/2015 **End date:** 06/2015
End date: 06/2015 **Type of hours/ ECTS credits:** Credits



Hours/ECTS credits: 6

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultat de Economia y Empresa

City of entity: Barcelona, Catalonia, Spain

Subject language: Catalan

27 Type of teaching: Official teaching

Name of the course: Disseny Experimental i Anàlisi de Dades

Type of programme: Bachelor's degree

Type of teaching: In person theory

Type of subject: Optional

University degree: Ciencias Biomédicas

Geographical area: National

Start date: 09/2014

End date: 02/2015

End date: 02/2015

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 6

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultat de Biología

City of entity: Barcelona, Catalonia, Spain

28 Type of teaching: Official teaching

Name of the course: Disseny Experimental i Anàlisi de Dades

Type of programme: Bachelor's degree

Type of teaching: In person theory

Type of subject: Optional

University degree: Ciencias Biomédicas

Geographical area: National

Start date: 09/2014

End date: 02/2015

End date: 02/2015

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 6

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultat de Biología

City of entity: Barcelona, Catalonia, Spain

Subject language: Catalan

29 Type of teaching: Official teaching

Name of the course: Disseny Experimental i Anàlisi de Dades

Type of programme: Bachelor's degree

Type of teaching: Practical work (classroom-problems)

Type of subject: Optional

University degree: Ciencias Biomédicas

Geographical area: National

Start date: 09/2014

End date: 02/2015

End date: 02/2015

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 6

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultat de Biología

City of entity: Barcelona, Catalonia, Spain

Subject language: Catalan

30 Type of teaching: Official teaching

Name of the course: Estudi de les Òmiques en Recerca Translacional

Type of programme: Master's degree

Type of teaching: In person theory

Type of subject: Obligatory



University degree: Medicina Traslacional

Geographical area: National

Start date: 09/2014

End date: 02/2015

End date: 02/2015

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 6

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultad de Medicina

City of entity: Barcelona, Catalonia, Spain

Subject language: English

31 Type of teaching: Official teaching

Name of the course: Inferència Estadística Avançada

Type of programme: Master's degree

Type of teaching: In person theory

Type of subject: Optional

University degree: Estadística e Investigación Operativa(1)

Geographical area: National

Start date: 09/2014

End date: 02/2015

End date: 02/2015

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 5

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultad de Economía y Empresa

City of entity: Barcelona, Catalonia, Spain

Subject language: Spanish

32 Type of teaching: Official teaching

Name of the course: Anàlisi de Dades Òmiques

Type of programme: Master's degree

Type of teaching: In person theory

Type of subject: Optional

University degree: Estadística e Investigación Operativa(1)

Geographical area: National

Start date: 03/2014

End date: 06/2014

End date: 06/2014

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 5

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultad de Economía y Empresa

City of entity: Barcelona, Catalonia, Spain

Subject language: Spanish

33 Type of teaching: Official teaching

Name of the course: Disseny Experimental i Anàlisi de Dades

Type of programme: Bachelor's degree

Type of teaching: In person theory

Type of subject: Obligatory

University degree: Bioquímica

Geographical area: National

Course given: 4

Start date: 03/2014

End date: 06/2014

End date: 06/2014

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 6

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultad de Biología

City of entity: Barcelona, Catalonia, Spain



Subject language: Catalan

34 Type of teaching: Official teaching

Name of the course: Gestió de la Informació Estadística

Type of programme: Master's degree

Type of teaching: In person theory

Type of subject: Obligatory

University degree: Estadística e Investigación Operativa(1)

Geographical area: National

Start date: 03/2014

End date: 06/2014

End date: 06/2014

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 5

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultad de Economía y Empresa

City of entity: Barcelona, Catalonia, Spain

Subject language: Spanish

35 Type of teaching: Official teaching

Name of the course: Introducció a la Inferència Estadística

Type of programme: Bachelor's degree

Type of teaching: In person theory

Type of subject: Formació bàsica

University degree: Estadística

Geographical area: National

Course given: 1

Start date: 03/2014

End date: 06/2014

End date: 06/2014

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 6

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultad de Economía y Empresa

City of entity: Barcelona, Catalonia, Spain

Subject language: Catalan

36 Type of teaching: Official teaching

Name of the course: Disseny Experimental i Anàlisi de Dades

Type of programme: Bachelor's degree

Type of teaching: In person theory

Type of subject: Optional

University degree: Ciencias Biomédicas

Geographical area: National

Start date: 09/2013

End date: 02/2014

End date: 02/2014

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 6

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultad de Biología

City of entity: Barcelona, Catalonia, Spain

Subject language: Catalan

37 Type of teaching: Official teaching

Name of the course: Disseny Experimental i Anàlisi de Dades

Type of programme: Bachelor's degree

Type of teaching: Practical work (classroom-problems)

Type of subject: Optional

University degree: Ciencias Biomédicas

Geographical area: National

**Start date:** 09/2013**End date:** 02/2014**Hours/ECTS credits:** 6**Entity:** Universitat de Barcelona**Faculty, institute or centre:** Facultat de Biologia**City of entity:** Barcelona, Catalonia, Spain**Subject language:** Catalan**End date:** 02/2014**Type of hours/ ECTS credits:** Credits**38 Type of teaching:** Official teaching**Name of the course:** Inferència Estadística Avançada**Type of programme:** Master's degree**Type of subject:** Optional**University degree:** Estadística e Investigación Operativa(1)**Geographical area:** National**Start date:** 09/2013**End date:** 02/2014**Hours/ECTS credits:** 5**Entity:** Universitat de Barcelona**Faculty, institute or centre:** Facultat de Economía y Empresa**City of entity:** Barcelona, Catalonia, Spain**Subject language:** Spanish**Type of teaching:** In person theory**End date:** 02/2014**Type of hours/ ECTS credits:** Credits**39 Type of teaching:** Official teaching**Name of the course:** Anàlisi de Dades de Genòmica i Proteòmica**Type of programme:** Master's degree**Type of subject:** Optional**University degree:** Estadística e Investigación Operativa(1)**Geographical area:** National**Start date:** 03/2013**End date:** 06/2013**Hours/ECTS credits:** 5**Entity:** Universitat de Barcelona**Faculty, institute or centre:** Facultat de Economía y Empresa**City of entity:** Barcelona, Catalonia, Spain**Type of teaching:** In person theory**End date:** 06/2013**Type of hours/ ECTS credits:** Credits**40 Type of teaching:** Official teaching**Name of the course:** Biocomputació**Type of programme:** Master's degree**Type of subject:** Optional**University degree:** Estadística e Investigación Operativa(1)**Geographical area:** National**Start date:** 03/2013**End date:** 06/2013**Hours/ECTS credits:** 5**Entity:** Universitat de Barcelona**Faculty, institute or centre:** Facultat de Economía y Empresa**City of entity:** Barcelona, Catalonia, Spain**Type of teaching:** In person theory**End date:** 06/2013**Type of hours/ ECTS credits:** Credits**41 Type of teaching:** Official teaching**Name of the course:** Disseny Experimental i Anàlisi de Dades**Type of programme:** Bachelor's degree**Type of teaching:** In person theory



Type of subject: Obligatory

University degree: Bioquímica

Geographical area: National

Course given: 4

Start date: 03/2013

End date: 06/2013

Hours/ECTS credits: 6

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultat de Biologia

City of entity: Barcelona, Catalonia, Spain

Subject language: Catalan

End date: 06/2013

Type of hours/ ECTS credits: Credits

42 Type of teaching: Official teaching

Name of the course: Disseny Experimental i Anàlisi de Dades

Type of programme: Bachelor's degree

Type of subject: Obligatory

University degree: Ciencias Biomédicas

Geographical area: National

Course given: 4

Start date: 09/2012

End date: 02/2013

Hours/ECTS credits: 6

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultat de Biologia

City of entity: Barcelona, Catalonia, Spain

Subject language: Catalan

Type of teaching: In person theory

End date: 02/2013

Type of hours/ ECTS credits: Credits

43 Type of teaching: Official teaching

Name of the course: Disseny Experimental i Anàlisi de Dades

Type of programme: Bachelor's degree

Type of subject: Obligatory

University degree: Ciencias Biomédicas

Geographical area: National

Course given: 4

Start date: 09/2012

End date: 02/2013

Hours/ECTS credits: 6

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultat de Biologia

City of entity: Barcelona, Catalonia, Spain

Subject language: Catalan

Type of teaching: In person theory

End date: 02/2013

Type of hours/ ECTS credits: Credits

44 Type of teaching: Official teaching

Name of the course: Disseny Experimental i Anàlisi de Dades

Type of programme: Bachelor's degree

Type of subject: Obligatory

University degree: Ciencias Biomédicas

Geographical area: National

Course given: 4

Start date: 09/2012

End date: 02/2013

Type of teaching: Practical work (classroom-problems)

End date: 02/2013

Type of hours/ ECTS credits: Credits



Hours/ECTS credits: 6

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultat de Biologia

City of entity: Barcelona, Catalonia, Spain

Subject language: Catalan

45 Type of teaching: Official teaching

Name of the course: Inferència

Type of programme: Master's degree

Type of teaching: In person theory

Type of subject: Optional

University degree: Estadística e Investigación Operativa(1)

Geographical area: National

Start date: 09/2012

End date: 02/2013

End date: 02/2013

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 6

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultat de Economia y Empresa

City of entity: Barcelona, Catalonia, Spain

46 Type of teaching: Official teaching

Name of the course: Anàlisi de Dades de Genòmica i Proteòmica

Type of programme: Master's degree

Type of teaching: In person theory

Type of subject: Optional

University degree: Estadística e Investigación Operativa(1)

Geographical area: National

Start date: 03/2012

End date: 06/2012

End date: 06/2012

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 5

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultat de Economia y Empresa

City of entity: Barcelona, Catalonia, Spain

47 Type of teaching: Official teaching

Name of the course: Biocomputació

Type of programme: Master's degree

Type of teaching: In person theory

Type of subject: Optional

University degree: Estadística e Investigación Operativa(1)

Geographical area: National

Start date: 03/2012

End date: 06/2012

End date: 06/2012

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 5

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultat de Economia y Empresa

City of entity: Barcelona, Catalonia, Spain

48 Type of teaching: Official teaching

Name of the course: Estadística

Type of programme: Bachelor's degree

Type of teaching: Practical work (classroom-problems)

Type of subject: Obligatory

University degree: Ciencias Ambientales

Geographical area: National



Course given: 1

Start date: 03/2012

End date: 06/2012

Hours/ECTS credits: 6

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultat de Biologia

City of entity: Barcelona, Catalonia, Spain

Subject language: Catalan

End date: 06/2012

Type of hours/ ECTS credits: Credits

49 Type of teaching: Official teaching

Name of the course: Fonaments de Bioinformàtica

Type of programme: Master's degree

Type of subject: Optional

University degree: Biología del Desarrollo y Genética

Geographical area: National

Start date: 09/2011

End date: 02/2012

Hours/ECTS credits: 2,5

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultat de Biologia

City of entity: Barcelona, Catalonia, Spain

Subject language: Spanish

Type of teaching: In person theory

End date: 02/2012

Type of hours/ ECTS credits: Credits

50 Type of teaching: Official teaching

Name of the course: Fonaments de Bioinformàtica

Type of programme: Master's degree

Type of subject: Optional

University degree: Biodiversidad

Geographical area: National

Start date: 09/2011

End date: 02/2012

Hours/ECTS credits: 2,5

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultat de Biologia

City of entity: Barcelona, Catalonia, Spain

Type of teaching: Exam

End date: 02/2012

Type of hours/ ECTS credits: Credits

51 Type of teaching: Official teaching

Name of the course: Inferència

Type of programme: Master's degree

Type of subject: Optional

University degree: Estadística e Investigación Operativa(1)

Geographical area: National

Start date: 09/2011

End date: 02/2012

Hours/ECTS credits: 6

Entity: Universitat de Barcelona

Faculty, institute or centre: Facultat de Economía y Empresa

City of entity: Barcelona, Catalonia, Spain

Type of teaching: In person theory

End date: 02/2012

Type of hours/ ECTS credits: Credits

**52 Type of teaching:** Official teaching**Name of the course:** Anàlisi de Dades de Genòmica i Proteòmica**Type of programme:** Master's degree**Type of teaching:** Theoric-practical**Type of subject:** Optional**University degree:** Estadística e Investigación Operativa(1)**Geographical area:** National**Start date:** 03/2011**End date:** 06/2011**End date:** 06/2011**Type of hours/ ECTS credits:** Credits**Hours/ECTS credits:** 5**Entity:** Universitat de Barcelona**Faculty, institute or centre:** Facultad de Economía y Empresa**City of entity:** Barcelona, Catalonia, Spain**53 Type of teaching:** Official teaching**Name of the course:** Biocomputació**Type of programme:** Master's degree**Type of teaching:** Theoric-practical**Type of subject:** Optional**University degree:** Estadística e Investigación Operativa(1)**Geographical area:** National**Start date:** 03/2011**End date:** 06/2011**End date:** 06/2011**Type of hours/ ECTS credits:** Credits**Hours/ECTS credits:** 5**Entity:** Universitat de Barcelona**Faculty, institute or centre:** Facultad de Economía y Empresa**City of entity:** Barcelona, Catalonia, Spain**54 Type of teaching:** Official teaching**Name of the course:** Bioinformàtica**Type of programme:** Bachelor's degree**Type of teaching:** Practical work (classroom-problems)**Type of subject:** Obligatory**University degree:** Ciencias Biomédicas**Geographical area:** National**Course given:** 3**Start date:** 03/2011**End date:** 06/2011**End date:** 06/2011**Type of hours/ ECTS credits:** Credits**Hours/ECTS credits:** 6**Entity:** Universitat de Barcelona**Faculty, institute or centre:** Facultad de Biología**City of entity:** Barcelona, Catalonia, Spain**55 Type of teaching:** Official teaching**Name of the course:** Bioinformàtica**Type of programme:** Bachelor's degree**Type of teaching:** In person theory**Type of subject:** Obligatory**University degree:** Ciencias Biomédicas**Geographical area:** National**Course given:** 3**Start date:** 03/2011**End date:** 06/2011**End date:** 06/2011**Type of hours/ ECTS credits:** Credits**Hours/ECTS credits:** 6**Entity:** Universitat de Barcelona



Faculty, institute or centre: Facultat de Biologia
City of entity: Barcelona, Catalonia, Spain
Subject language: Catalan

56 **Type of teaching:** Official teaching
Name of the course: Bioinformàtica
Type of programme: Bachelor's degree
Type of subject: Obligatory
University degree: Bioquímica
Geographical area: National
Course given: 3
Start date: 03/2011
End date: 06/2011
Hours/ECTS credits: 6
Entity: Universitat de Barcelona
Faculty, institute or centre: Facultat de Biologia
City of entity: Barcelona, Catalonia, Spain
Subject language: Catalan

Type of teaching: In person theory

End date: 06/2011

Type of hours/ ECTS credits: Credits

57 **Type of teaching:** Official teaching
Name of the course: Fonaments de Bioinformàtica
Type of programme: Master's degree
Type of subject: Optional
University degree: Biodiversidad
Geographical area: National
Start date: 09/2010
End date: 02/2011
Hours/ECTS credits: 2,5
Entity: Universitat de Barcelona
Faculty, institute or centre: Facultat de Biologia
City of entity: Barcelona, Catalonia, Spain
Subject language: Spanish

Type of teaching: Theoric-practical

End date: 02/2011

Type of hours/ ECTS credits: Credits

58 **Type of teaching:** Official teaching
Name of the course: Fonaments de Bioinformàtica
Type of programme: Master's degree
Type of subject: Optional
University degree: Biodiversidad
Geographical area: National
Start date: 09/2010
End date: 02/2011
Hours/ECTS credits: 2,5
Entity: Universitat de Barcelona
Faculty, institute or centre: Facultat de Biologia
City of entity: Barcelona, Catalonia, Spain
Subject language: Spanish

Type of teaching: Directed Work Tutor

End date: 02/2011

Type of hours/ ECTS credits: Credits

59 **Type of teaching:** Official teaching
Name of the course: Fonaments de Bioinformàtica
Type of programme: Master's degree
Type of subject: Optional

Type of teaching: Exam

**University degree:** Biodiversidad**Geographical area:** National**Start date:** 09/2010**End date:** 02/2011**End date:** 02/2011**Type of hours/ ECTS credits:** Credits**Hours/ECTS credits:** 2,5**Entity:** Universitat de Barcelona**Faculty, institute or centre:** Facultat de Biologia**City of entity:** Barcelona, Catalonia, Spain**60 Type of teaching:** Official teaching**Name of the course:** Inferència**Type of programme:** Master's degree**Type of teaching:** Theoric-practical**Type of subject:** Optional**University degree:** Estadística e Investigación Operativa(1)**Geographical area:** National**Start date:** 09/2010**End date:** 02/2011**End date:** 02/2011**Type of hours/ ECTS credits:** Credits**Hours/ECTS credits:** 6**Entity:** Universitat de Barcelona**Faculty, institute or centre:** Facultat de Economia y Empresa**City of entity:** Barcelona, Catalonia, Spain

Experience supervising doctoral thesis and/or final year projects

1 Project title: Clasi cacion de la evolucion de individuos consumidores de cannabis o sanos mediante Machine Learning**Type of project:** Master's Thesis**Entity:** UOC-UB (Master interuniversitari de Bioinformàtica i Bioestadística)**City of entity:** Spain**Student:** Miriam Mota Foix**Obtained qualification:** Excellent**Date of reading:** 2018**2 Project title:** Herramienta en línea para la realización de análisis de significación biológica con R**Type of project:** Master's Thesis**Entity:** UOC-UB (Master interuniversitari de Bioinformàtica i Bioestadística)**City of entity:** Spain**Student:** Antonio Morell Benasser**Obtained qualification:** Approved**Date of reading:** 2018**3 Project title:** Análisis de correlación moderno: ¿Qué alternativas existen para la correlación de Pearson?**Type of project:** Master's Thesis**Entity:** UOC-UB (Master interuniversitari de Bioinformàtica i Bioestadística)**City of entity:** Spain**Student:** Ana Belen Pazos Ruíz**Obtained qualification:** With Honours**Date of reading:** 2018



- 4** **Project title:** Scatterplot analysis of expression and DNA methylation integration data
Type of project: Master's Thesis
Entity: UOC-UB (Master interuniversitari de Bioinformàtica i Bioestadística)
City of entity: Spain
Student: Berta Miró Cau
Obtained qualification: Excellent
Date of reading: 2018
- 5** **Project title:** Mètodes estadístics per al refinament del diagnòstic dels síndromes limfoproliferatius de cèl·lula B
Type of project: Ph.D. Thesis
Entity: Barcelona
City of entity: Spain
Student: Guillem Clot Razquin
Obtained qualification: Capable Cum Laude
Date of reading: 2017
- 6** **Project title:** Comparación de los métodos estadísticos multivariantes y herramientas para el análisis de integración de datos ómicos
Type of project: Master's Thesis
Entity: UB i UPC (Master interuniversitari, MESIO)
City of entity: Spain
Student: Amaia Molinuevo Auzmendi
Obtained qualification: Excellent
Date of reading: 2016
- 7** **Project title:** Integrative analysis of mRNA AND microRNAs: Methods, tools and applications
Type of project: Master's Thesis
Entity: Universitat de Vic
City of entity: Spain
Student: Gemma Mas de Xaxars
Obtained qualification: Excellent
Date of reading: 2016
- 8** **Project title:** Gene expression network in PiZZ Alpha1 Antitrypsin Deficiency and its impact on the disease evolution
Type of project: Master's Thesis
Entity: Universitat de Vic
City of entity: Spain
Student: Cristina Esquinas
Obtained qualification: Excellent
Date of reading: 2016
- 9** **Project title:** Multivariate methods for the integrative analysis of multi-omics datasets
Type of project: Master's Thesis
Entity: Universitat Oberta de Catalunya (UOC)
City of entity: Spain
Student: Pablo Riesgo Pulido
Obtained qualification: Excellent
Date of reading: 2016



- 10** **Project title:** Integrative analysis of methylation and Expression data
Type of project: Master's Thesis
Entity: Universitat Oberta de Catalunya (UOC)
City of entity: Spain
Student: Joan Carles Company
Obtained qualification: Excellent
Date of reading: 2016
- 11** **Project title:** Automated analytics for the evolution of the Gene Ontology
Type of project: Master's Thesis
Entity: Universitat Oberta de Catalunya (UOC)
City of entity: Spain
Student: Miguel Angel Sicilia
Obtained qualification: Excellent
Date of reading: 2016
- 12** **Project title:** Network methods for integrative omics data analysis
Type of project: Master's Thesis
Entity: UB i UPC (Master interuniversitari, MESIO)
City of entity: Spain
Student: Ania Alay
Obtained qualification: Excellent
Date of reading: 2016
- 13** **Project title:** Statistical methods for the modelling of label-free shotgun proteomic data in cell line biomarker discovery
Type of project: Ph.D. Thesis
Entity: Barcelona
City of entity: Spain
Student: Josep Gregori Font
Obtained qualification: Excellent Cum Laude
Date of reading: 2014
- 14** **Project title:** Methods and models for the analysis of biological significance based on high throughput data
Type of project: Ph.D. Thesis
Entity: Barcelona
City of entity: Spain
Student: Josep Lluís Mosquera Mayo
Obtained qualification: Capable Cum Laude
Date of reading: 2014
- 15** **Project title:** Building and validating biomarkers: comparison of methods and applications to prostate cancer
Type of project: Master's Thesis
Entity: Universitat de Barcelona i Universitat Politècnica de Catalunya
City of entity: Spain
Student: Arnau Serra-Cayuela
Obtained qualification: Excellent
Date of reading: 2014



- 16** **Project title:** Búsqueda de nuevas terapias que favorezcan la neuroregeneración en la esclerosis múltiple.
Type of project: Degree work
Entity: Universitat Autònoma de Barcelona
City of entity: Spain
Student: Miriam Mota Foix
Obtained qualification: Excellent
Date of reading: 2014

Participation in innovative teaching projects

Project title: Automatització de l'avaluació d'activitats a l'assignatura de Disseny Experimental i Anàlisi de Dades mitjançant R i Moodle
City of entity: Barcelona, Spain
Type of participation: Team member
Time of working relationship: For an undetermined time
Name of the main researcher: Miguel Calvo Llorca; Esteban Vegas Lozano
Number of participants: 5
Funding entity: Universitat de Barcelona
Participating entity/entities: Universitat de Barcelona
Type of call: Competitive
Start-End date: 17/09/2013 - 12/12/2014

Type of entity: University
Type of entity: University
Duration: 1 year - 2 months - 26 days

Participation in conferences with talks focused on teacher training

Name of the event: IV Jornadas de usuarios de R
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Barcelona, Spain
Date of presentation: 2012
Organising entity: Comunidad R Hispano
Type of entity: Associations
Edición (y mucho más) potente en R con ESS ('Emacs Speaks Statistics').



Scientific and technological experience

Scientific or technological activities

R&D projects funded through competitive calls of public or private entities

- 1** **Name of the project:** Statistical methodologies for clinical and omics data and their applications in health sciences (SAMANTHA)
Entity where project took place: Universitat de Barcelona **Type of entity:** University
City of entity: Barcelona, Spain
Name principal investigator (PI, Co-PI....): Alexandre Sánchez Pla (UB) i Guadalupe Gómez Melis (UPC)
Nº of researchers: 15
Funding entity or bodies: Ministerio de Ciencia e Innovación **Type of entity:** State or Central Administration
City funding entity: Spain
Code according to the funding entity: PID2019-104830RB-I00
Start-End date: 01/06/2020 - 31/05/2024 **Duration:** 4 years
Participating entity/entities: Universitat de Barcelona
Total amount: 160.809 €
- 2** **Name of the project:** Patient Centric Clinical Trial Platform (EU-PEARL)
Entity where project took place: Fundació Hospital Universitari Vall d'Hebron Institut de Recerca (VHIR) **Type of entity:** Medicine (trading sector)
City of entity: Spain
Name principal investigator (PI, Co-PI....): Joan Genescà
Funding entity or bodies: Comunitat Europea Projecte H2020 (Horizon 2020) **Type of entity:** European Union Administration
City funding entity: Brussels, Belgium
Code according to the funding entity: 853966
Start-End date: 01/11/2019 - 30/04/2023 **Duration:** 3 years - 6 months
Participating entity/entities: Fundació Hospital Universitari Vall d'Hebron Institut de Recerca (VHIR)
Total amount: 120.049.525 €
- 3** **Name of the project:** EOSC-Life: Providing an open collaborative space for digital biology in Europe
Entity where project took place: Fundació Hospital Universitari Vall d'Hebron Institut de Recerca (VHIR) **Type of entity:** Medicine (trading sector)
City of entity: Spain
Name principal investigator (PI, Co-PI....): Niklas Blomberg
Funding entity or bodies: European Unions Horizon 2020 research programme **Type of entity:** European Union Administration
City funding entity: European Union institutions
Code according to the funding entity: 824087
Start-End date: 03/01/2019 - 28/02/2023 **Duration:** 4 years - 1 month - 26 days
Participating entity/entities: ELIXIR
Total amount: 23.700.000 €

4 **Name of the project:** Compostos bioactius dels aliments i el risc de càncer de pròstata. Bases científiques per futures recomanacions dietètiques (MARATO TV3 201943-31)

Entity where project took place: Universitat de Barcelona **Type of entity:** University

City of entity: Barcelona, Spain

Name principal investigator (PI, Co-PI....): Maria Cristina Andres Lacueva

Funding entity or bodies:

Fundació La Marató de TV3 **Type of entity:** Foundations

City funding entity: Esplugues de Llobregat (Barcelona), Spain

Code according to the funding entity: 201943-31

Start-End date: 12/02/2020 - 11/02/2023 **Duration:** 3 years

Participating entity/entities: Universitat de Barcelona

Total amount: 181.250 €

5 **Name of the project:** HDHL-INTIMIC (METADIS) Calidad de carbohidratos adaptada para control de peso personalizado y salud metabólica

Entity where project took place: Universitat de Barcelona **Type of entity:** University

City of entity: Barcelona, Spain

Name principal investigator (PI, Co-PI....): Maria Cristina Andres Lacueva

Nº of researchers: 3

Funding entity or bodies:

Instituto de Salud Carlos III **Type of entity:** State or Central Administration

City funding entity: Spain

Code according to the funding entity: AC19/00111

Start-End date: 01/01/2020 - 31/12/2022 **Duration:** 3 years

Participating entity/entities: Universitat de Barcelona

Total amount: 99.946 €

6 **Name of the project:** HDHL-INTIMIC Plataforma de conocimiento sobre Alimentos, Dieta, Microbioma Intestinal y Salud Humana.

Entity where project took place: Universitat de Barcelona **Type of entity:** University

City of entity: Barcelona, Spain

Name principal investigator (PI, Co-PI....): Maria Cristina Andres Lacueva

Nº of researchers: 8

Funding entity or bodies:

Instituto de Salud Carlos III **Type of entity:** State or Central Administration

City funding entity: Spain

Code according to the funding entity: AC19/00096

Start-End date: 01/01/2020 - 31/12/2022 **Duration:** 3 years

Participating entity/entities: Universitat de Barcelona

Total amount: 26.862 €

7 **Name of the project:** Valorización de EGA para la Industria y la Sociedad.(VEIS)

Entity where project took place: Fundació Hospital Universitari Vall d'Hebron Institut de Recerca (VHIR) **Type of entity:** Medicine (trading sector)

City of entity: Spain

Name principal investigator (PI, Co-PI....): Arcadi Navarro

**Funding entity or bodies:**

FEDER

Type of entity: European Union Administration**City funding entity:** Spain

Generalitat de Catalunya

Type of entity: Authonomous Administration**City funding entity:** Spain**Code according to the funding entity:** 001-P-001647**Start-End date:** 01/01/2019 - 31/12/2021**Duration:** 3 years**Participating entity/entities:** Universitat Pompeu Fabra**Total amount:** 195.142.938 €**8 Name of the project:** Grup de recerca en Bioestadística i Bioinformàtica (GRBIO)**Entity where project took place:** Universitat de Barcelona - Universitat Politècnica de Catalunya**Type of entity:** University**City of entity:** Spain**Name principal investigator (PI, Co-PI....):** Guadalupe Gomez Melis**Nº of researchers:** 24**Funding entity or bodies:**

Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR)

Type of entity: Authonomous Administration**City funding entity:** 08003 Barcelona, Spain**Code according to the funding entity:** 2017SGR622**Start-End date:** 01/01/2017 - 30/09/2021**Duration:** 4 years - 9 months**Participating entity/entities:** Universitat Politècnica de Catalunya (UPC)**Total amount:** 20.000 €**9 Name of the project:** Metabotipos basados en la dieta y el microbioma para determinar el riesgo cardiometabólico y adaptar estrategias de intervención para mejorar la salud**Entity where project took place:** Universitat de Barcelona**Type of entity:** University**City of entity:** Barcelona, Spain**Name principal investigator (PI, Co-PI....):** Maria Cristina Andres Lacueva**Nº of researchers:** 5**Funding entity or bodies:**

Ministerio de Economía y Competitividad

Type of entity: State or Central Administration**City funding entity:** Spain**Code according to the funding entity:** PCIN-2017-076**Start-End date:** 01/12/2017 - 30/11/2020**Duration:** 3 years**Participating entity/entities:** Universitat de Barcelona**Total amount:** 150.000 €**10 Name of the project:** Cook2Health**Entity where project took place:** Universitat de Barcelona**Type of entity:** University**City of entity:** Barcelona, Spain**Name principal investigator (PI, Co-PI....):** Maria Cristina Andres Lacueva**Nº of researchers:** 17**Funding entity or bodies:**

Unió Europea

Type of entity: European Union Administration**City funding entity:** B-1048 Brussels, Belgium



Code according to the funding entity: 19532

Start-End date: 01/01/2019 - 31/12/2019

Duration: 1 year

Participating entity/entities: Universitat de Barcelona

Total amount: 40.000 €

11 Name of the project: Innovating the Joy of Eating for Healthy Aging

Entity where project took place: Universitat de Barcelona **Type of entity:** University

City of entity: Barcelona, Spain

Name principal investigator (PI, Co-PI....): Maria Cristina Andres Lacueva

Nº of researchers: 17

Funding entity or bodies:

Unió Europea

Type of entity: European Union Administration

City funding entity: B-1048 Brussels, Belgium

Code according to the funding entity: 19580

Start-End date: 01/01/2019 - 31/12/2019

Duration: 1 year

Participating entity/entities: Universitat de Barcelona

Total amount: 45.872 €

12 Name of the project: METODOS ESTADISTICOS PARA ENSAYOS CLINICOS, PATRONES DE CENSURA COMPLEJOS Y ANALISIS INTEGRADO DE DATOS OMICOS

Entity where project took place: Universitat de Barcelona **Type of entity:** University

City of entity: Barcelona, Spain

Name principal investigator (PI, Co-PI....): Guadalupe Gomez Melis

Nº of researchers: 10

Funding entity or bodies:

Ministerio de Economía y Competitividad

Type of entity: State or Central Administration

City funding entity: Spain

Code according to the funding entity: MTM2015-64465-C2-1-R

Start-End date: 01/01/2016 - 31/12/2019

Duration: 4 years

Participating entity/entities: Universitat Politècnica de Catalunya (UPC)

Total amount: 255.431 €

13 Name of the project: Cook2Health

Entity where project took place: Universitat de Barcelona **Type of entity:** University

City of entity: Barcelona, Spain

Name principal investigator (PI, Co-PI....): Maria Cristina Andres Lacueva

Nº of researchers: 17

Funding entity or bodies:

Unió Europea

Type of entity: European Union Administration

City funding entity: B-1048 Brussels, Belgium

Code according to the funding entity: 17506

Start-End date: 01/01/2018 - 31/12/2018

Duration: 1 year

Participating entity/entities: Universitat de Barcelona

Total amount: 186.665 €



- 14** **Name of the project:** Innovating the Joy of Eating for Healthy Aging
Entity where project took place: Universitat de Barcelona **Type of entity:** University
City of entity: Barcelona, Spain
Name principal investigator (PI, Co-PI....): Maria Cristina Andres Lacueva
Nº of researchers: 17
Funding entity or bodies: Unió Europea **Type of entity:** European Union Administration
City funding entity: B-1048 Brussels, Belgium
Code according to the funding entity: 18511
Start-End date: 01/01/2018 - 31/12/2018 **Duration:** 1 year
Participating entity/entities: Universitat de Barcelona
Total amount: 78.417 €
- 15** **Name of the project:** Identificación de moduladores dietéticos del envejecimiento cognitivo y plasticidad cerebral, y evidencia del concepto de eficacia en la prevención/reversión del declive cognitivo.
Entity where project took place: Universitat de Barcelona **Type of entity:** University
City of entity: Barcelona, Spain
Name principal investigator (PI, Co-PI....): Merce Pallas Lliberia
Nº of researchers: 4
Funding entity or bodies: Ministerio de Economía y Competitividad **Type of entity:** State or Central Administration
City funding entity: Spain
Code according to the funding entity: PCIN-2015-229
Start-End date: 01/01/2016 - 31/12/2018 **Duration:** 3 years
Participating entity/entities: Universitat de Barcelona
Total amount: 122.000 €
- 16** **Name of the project:** Microbioma sanguíneo e intestinal para el estudio del efecto de un patrón dietético rico en polifenoles sobre la permeabilidad intestinal de ancianos
Entity where project took place: Universitat de Barcelona **Type of entity:** University
City of entity: Barcelona, Spain
Name principal investigator (PI, Co-PI....): Maria Cristina Andres Lacueva
Nº of researchers: 6
Funding entity or bodies: Ministerio de Economía y Competitividad **Type of entity:** State or Central Administration
City funding entity: Spain
Code according to the funding entity: PCIN-2015-238
Start-End date: 01/01/2016 - 31/12/2018 **Duration:** 3 years
Participating entity/entities: Universitat de Barcelona
Total amount: 118.000 €
- 17** **Name of the project:** Estudi dels perfils metabòlics responedors a l'efecte d'una intervenció amb dieta hipocalòrica i activitat física en la pèrdua de pes i modulació del risc d'aparició de complicacions associades a la diabetis en voluntaris obesos sans
Entity where project took place: Universitat de Barcelona **Type of entity:** University
City of entity: Barcelona, Spain



Name principal investigator (PI, Co-PI....): Mar Garcia Aloy

Funding entity or bodies:

Associació Catalana de Diabetis

Type of entity: Foundations

City funding entity: 08017 Barcelona, Spain

Start-End date: 18/02/2016 - 17/02/2018

Duration: 2 years

Participating entity/entities: Universitat de Barcelona

Total amount: 10.000 €

18 Name of the project: Cook2Health

Entity where project took place: Universitat de Barcelona

Type of entity: University

City of entity: Barcelona, Spain

Name principal investigator (PI, Co-PI....): Maria Cristina Andres Lacueva

N° of researchers: 10

Funding entity or bodies:

Unió Europea

Type of entity: European Union Administration

City funding entity: B-1048 Brussels, Belgium

Code according to the funding entity: 17506

Start-End date: 01/01/2017 - 31/12/2017

Duration: 1 year

Participating entity/entities: Universitat de Barcelona

Total amount: 158.170 €

19 Name of the project: Estudi de biomarcadors metabòlics associats a diabetis i efecte del food metabolome com indicador del grau d'adherència al patró de dieta mediterrània

Entity where project took place: Universitat de Barcelona

Type of entity: University

City of entity: Barcelona, Spain

Name principal investigator (PI, Co-PI....): Mireia Urpi Sarda

Funding entity or bodies:

Associació Catalana de Diabetis

Type of entity: Foundations

City funding entity: 08017 Barcelona, Spain

Start-End date: 01/04/2015 - 31/03/2017

Duration: 2 years

Participating entity/entities: Universitat de Barcelona

Total amount: 8.500 €

20 Name of the project: COOK2HEALTH

Entity where project took place: Universitat de Barcelona

Type of entity: University

City of entity: Barcelona, Spain

Name principal investigator (PI, Co-PI....): Maria Cristina Andres Lacueva

N° of researchers: 5

Funding entity or bodies:

Unió Europea

Type of entity: European Union Administration

City funding entity: B-1048 Brussels, Belgium

Code according to the funding entity: EIT/HEALTH/SGA2016/01

Start-End date: 01/01/2016 - 31/12/2016

Duration: 1 year

Participating entity/entities: Universitat de Barcelona

Total amount: 117.196 €



- 21 Name of the project:** Perfiles de MicroRNA como biomarcadores predictivos del cáncer de próstata agresivo para la optimización de las decisiones terapéuticas
Entity where project took place: Fundació Institut de Recerca Hospital Universitari Vall d'Hebron
Type of entity: Nonprofit Private Institutions
City of entity: Spain
Name principal investigator (PI, Co-PI....): Andreas Doll
Nº of researchers: 5
Funding entity or bodies: Ministerio de Economía y Competitividad
Type of entity: State or Central Administration
City funding entity: Spain
Code according to the funding entity: PI13/00173
Start-End date: 01/01/2014 - 31/12/2016
Duration: 3 years
Participating entity/entities: Fundació Institut de Recerca Hospital Universitari Vall d'Hebron
Total amount: 57.475 €
- 22 Name of the project:** Grup de recerca en Bioestadística i Bioinformàtica (GRBIO)
Entity where project took place: Universitat de Barcelona - Universitat Politècnica de Catalunya
Type of entity: University
City of entity: Spain
Name principal investigator (PI, Co-PI....): Guadalupe Gomez Melis
Nº of researchers: 22
Funding entity or bodies: Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR)
Type of entity: Autonomous Administration
City funding entity: 08003 Barcelona, Spain
Code according to the funding entity: 2014SGR464
Start-End date: 01/01/2014 - 31/12/2016
Duration: 3 years
Participating entity/entities: Universitat Politècnica de Catalunya (UPC)
Total amount: 63.000 €
- 23 Name of the project:** Consolidación de la red BIOSTATNET: nuevas estrategias de colaboración en investigación, transferencia y formación
Entity where project took place: Ministerio de Economía y Competitividad
Type of entity: State or Central Administration
City of entity: Spain
Name principal investigator (PI, Co-PI....): Carmen Cadarso Suarez
Nº of researchers: 7
Funding entity or bodies: Ministerio de Ciencia e Innovación
Type of entity: State or Central Administration
City funding entity: Spain
Code according to the funding entity: MTM2011-15849-E
Start-End date: 01/06/2012 - 31/05/2014
Duration: 2 years
Participating entity/entities: Universidade de Santiago de Compostela
Total amount: 37.000 €
- 24 Name of the project:** Grup de modelització estadística multivariant i computacional
Entity where project took place: Universitat de Barcelona
Type of entity: University
City of entity: Barcelona, Spain
Name principal investigator (PI, Co-PI....): Carles M Cuadras Avellana



Nº of researchers: 27

Funding entity or bodies:

Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR) **Type of entity:** Autonomous Administration

City funding entity: 08003 Barcelona, Spain

Code according to the funding entity: 2009SGR932

Start-End date: 03/07/2009 - 31/12/2013

Duration: 4 years - 5 months - 29 days

Participating entity/entities: sense especificar

25 Name of the project: Formación de una red nacional de bioestadística

Entity where project took place: Universidade de Santiago de Compostela **Type of entity:** University

City of entity: SANTIAGO DE COMPOSTELA, Spain

Name principal investigator (PI, Co-PI....): Carmen Cadarso Suarez

Nº of researchers: 6

Funding entity or bodies:

Ministerio de Ciencia e Innovación

Type of entity: State or Central Administration

City funding entity: Spain

Code according to the funding entity: MTM2010-09213-E

Start-End date: 15/11/2010 - 14/11/2012

Duration: 2 years

Participating entity/entities: Universidade de Santiago de Compostela

Total amount: 11.200 €

26 Name of the project: Modelos geométricos multivariantes con aplicaciones a la bioinformación y biomedicina

Entity where project took place: Universitat de Barcelona **Type of entity:** University

City of entity: Barcelona, Spain

Name principal investigator (PI, Co-PI....): Carles M Cuadras Avellana

Nº of researchers: 14

Funding entity or bodies:

Ministerio de Educación y Ciencia

Type of entity: State or Central Administration

City funding entity: Spain

Code according to the funding entity: MTM2008-00642/MTM

Start-End date: 01/01/2009 - 31/12/2011

Duration: 3 years

Participating entity/entities: Universitat de Barcelona

Total amount: 106.000 €

27 Name of the project: Atorgament d'ajuts dins del Programa d'estudis catalans Gaspar de Portolà. Modalitat A. (BGP)

Entity where project took place: Universitat de Barcelona **Type of entity:** University

City of entity: Barcelona, Spain

Name principal investigator (PI, Co-PI....): Alexandre Sanchez Pla

Nº of researchers: 1

Funding entity or bodies:

Departament d'Universitats, Recerca i Societat de la Informació (Generalitat de Catalunya) DURSI **Type of entity:** Autonomous Administration

City funding entity: Spain

Start-End date: 19/12/2002 - 20/12/2002

Duration: 2 days



Participating entity/entities: sense especificar

Total amount: 9.720 €

R&D non-competitive contracts, agreements or projects with public or private entities

1 Name of the project: Assessorament i coordinació de la Unitat d'Estadística i Bioinformàtica dels serveis científico-tècnics de la Fundació Hospital Universitari Vall Hebron - Institut de Recerca (VHIR)

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Universitat de Barcelona **Type of entity:** University

City of entity: Barcelona, Spain

Name principal investigator (PI, Co-PI....): Alexandre Sanchez Pla

Nº of researchers: 1

Participating entity/entities: Universitat de Barcelona

Funding entity or bodies:

Fundació Institut de Recerca Hospital Universitari Vall d'Hebron **Type of entity:** Nonprofit Private Institutions

City funding entity: Spain

Code according to the funding entity: 309945

Start date: 01/09/2018

Duration: 2 years

Total amount: 54.000 €

2 Name of the project: Assessorament i coordinació de la Unitat d'Estadística i Bioinformàtica dels serveis científico-tècnics de la Fundació Hospital Universitari Vall Hebron - Institut de Recerca (VHIR)

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Universitat de Barcelona **Type of entity:** University

City of entity: Barcelona, Spain

Name principal investigator (PI, Co-PI....): Alexandre Sanchez Pla

Nº of researchers: 1

Participating entity/entities: Universitat de Barcelona

Funding entity or bodies:

Fundació Institut de Recerca Hospital Universitari Vall d'Hebron **Type of entity:** Nonprofit Private Institutions

City funding entity: Spain

Code according to the funding entity: 309924

Start date: 01/07/2018

Duration: 2 months

Total amount: 9.314,3 €

3 Name of the project: Assessorament i coordinació de la Unitat d'Estadística i Bioinformàtica dels serveis científico-tècnics de la Fundació Hospital Universitari Vall Hebron - Institut de Recerca (VHIR)

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Universitat de Barcelona **Type of entity:** University

City of entity: Barcelona, Spain

Name principal investigator (PI, Co-PI....): Alexandre Sanchez Pla

Nº of researchers: 1

Participating entity/entities: Universitat de Barcelona

Funding entity or bodies:

Type of entity: Nonprofit Private Institutions



Fundació Institut de Recerca Hospital Universitari Vall d'Hebron

City funding entity: Spain

Code according to the funding entity: 308844

Start date: 01/07/2016

Duration: 2 years

Total amount: 37.257,22 €

- 4 Name of the project:** Assessorament i coordinació de la Unitat d'Estadística i Bioinformàtica dels serveis científico-tècnics de la Fundació Hospital Universitari Vall Hebron - Institut de Recerca (VHIR)

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Universitat de Barcelona **Type of entity:** University

City of entity: Barcelona, Spain

Name principal investigator (PI, Co-PI....): Alexandre Sanchez Pla

Nº of researchers: 1

Participating entity/entities: Universitat de Barcelona

Funding entity or bodies:

Fundació Institut de Recerca Hospital Universitari Vall d'Hebron **Type of entity:** Nonprofit Private Institutions

City funding entity: Spain

Code according to the funding entity: 307832

Start date: 01/07/2014

Duration: 2 years

Total amount: 37.257,22 €

- 5 Name of the project:** Assessorament i la investigació aplicada en temes d'estadística i bioinformàtica

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Universitat de Barcelona **Type of entity:** University

City of entity: Barcelona, Spain

Name principal investigator (PI, Co-PI....): Alexandre Sanchez Pla; Frco. De Asis Carmona Pontaque; M. Del Carmen Ruiz de Villa Jubany; Esteban Vegas Lozano

Nº of researchers: 4

Participating entity/entities: Universitat de Barcelona

Funding entity or bodies:

Diversos

Type of entity: Other organisms

City funding entity: 00000 Barcelona, Spain

Code according to the funding entity: 304943

Start date: 01/01/2014

Duration: 1 year

Total amount: 2.943,47 €

- 6 Name of the project:** Assessorament i la investigació aplicada en temes d'estadística i bioinformàtica

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Universitat de Barcelona **Type of entity:** University

City of entity: Barcelona, Spain

Name principal investigator (PI, Co-PI....): Alexandre Sanchez Pla; Frco. De Asis Carmona Pontaque; M. Del Carmen Ruiz de Villa Jubany; Esteban Vegas Lozano

Nº of researchers: 4

Participating entity/entities: Universitat de Barcelona

Funding entity or bodies:



Diversos

Type of entity: Other organisms**City funding entity:** 00000 Barcelona, Spain**Code according to the funding entity:** 304943**Start date:** 01/01/2013**Duration:** 1 year**Total amount:** 1.657,02 €

- 7** **Name of the project:** Assessorament i la investigació aplicada en temes d'estadística i bioinformàtica
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Universitat de Barcelona **Type of entity:** University
City of entity: Barcelona, Spain
Name principal investigator (PI, Co-PI....): Alexandre Sanchez Pla; Frco. De Asis Carmona Pontaque; M. Del Carmen Ruiz de Villa Jubany; Esteban Vegas Lozano
Nº of researchers: 4
Participating entity/entities: Universitat de Barcelona
Funding entity or bodies:
Diversos **Type of entity:** Other organisms
City funding entity: 00000 Barcelona, Spain
Code according to the funding entity: 304943
Start date: 01/01/2012 **Duration:** 1 year
Total amount: 3.400 €
- 8** **Name of the project:** Assessorament i investigació aplicada en el camp de l'Estadística i la Bioinformàtica
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Universitat de Barcelona **Type of entity:** University
City of entity: Barcelona, Spain
Name principal investigator (PI, Co-PI....): Alexandre Sanchez Pla
Nº of researchers: 1
Participating entity/entities: sense especificar
Funding entity or bodies:
Diversos **Type of entity:** Other organisms
City funding entity: 00000 Barcelona, Spain
Code according to the funding entity: 303146
Start date: 01/01/2012 **Duration:** 1 year
Total amount: 2.316,25 €
- 9** **Name of the project:** Assessorament estadístic i coordinació de la unitat d'estadística i bioinformàtica de la (UOCT) de la Fundació Institut de Recerca de l'Hospital Universitari Vall Hebron
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Universitat de Barcelona **Type of entity:** University
City of entity: Barcelona, Spain
Name principal investigator (PI, Co-PI....): Alexandre Sanchez Pla
Nº of researchers: 1
Participating entity/entities: sense especificar
Funding entity or bodies:
Fundació Institut de Recerca Hospital Universitari Vall d'Hebron **Type of entity:** Nonprofit Private Institutions
City funding entity: Spain



Code according to the funding entity: 306515

Start date: 01/07/2011

Duration: 3 years

Total amount: 55.885,83 €

10 Name of the project: Assessorament i investigació aplicada en el camp de l'Estadística i la Bioinformàtica

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Universitat de Barcelona **Type of entity:** University

City of entity: Barcelona, Spain

Name principal investigator (PI, Co-PI....): Alexandre Sanchez Pla

Nº of researchers: 1

Participating entity/entities: sense especificar

Funding entity or bodies:

Diversos

Type of entity: Other organisms

City funding entity: 00000 Barcelona, Spain

Code according to the funding entity: 303146

Start date: 01/01/2011

Duration: 1 year

Total amount: 2.377,1 €

11 Name of the project: Coordinació de la realització de les tasques de la Unitat d'Estadística i Bioinformàtica

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Universitat de Barcelona **Type of entity:** University

City of entity: Barcelona, Spain

Name principal investigator (PI, Co-PI....): Alexandre Sanchez Pla

Nº of researchers: 1

Participating entity/entities: sense especificar

Funding entity or bodies:

Fundació Institut de Recerca Hospital Universitari Vall d'Hebron **Type of entity:** Nonprofit Private Institutions

City funding entity: Spain

Code according to the funding entity: 306439

Start date: 01/01/2011

Duration: 6 months

Total amount: 9.314,3 €

12 Name of the project: Assessorament i la investigació aplicada en temes d'estadística i bioinformàtica

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Universitat de Barcelona **Type of entity:** University

City of entity: Barcelona, Spain

Name principal investigator (PI, Co-PI....): Alexandre Sanchez Pla

Nº of researchers: 4

Participating entity/entities: Universitat de Barcelona

Funding entity or bodies:

Diversos

Type of entity: Other organisms

City funding entity: 00000 Barcelona, Spain

Code according to the funding entity: 304943

Start date: 17/04/2008

Duration: 41 years - 8 months - 16 days

Total amount: 7.101 €



- 13** **Name of the project:** Assessorament en temes d'estadística i bioinformàtica
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Universitat de Barcelona **Type of entity:** University
City of entity: Barcelona, Spain
Name principal investigator (PI, Co-PI....): Alexandre Sanchez Pla
Nº of researchers: 7
Participating entity/entities: sense especificar
Funding entity or bodies: Fundació Institut de Recerca Hospital Universitari Vall d'Hebron **Type of entity:** Nonprofit Private Institutions
City funding entity: Spain
Code according to the funding entity: 303483
Start date: 28/07/2005 **Duration:** 7 years - 5 months - 4 days
Total amount: 887,5 €
- 14** **Name of the project:** Assessorament i investigació aplicada en el camp de l'Estadística i la Bioinformàtica
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Universitat de Barcelona **Type of entity:** University
City of entity: Barcelona, Spain
Name principal investigator (PI, Co-PI....): Alexandre Sanchez Pla
Nº of researchers: 1
Participating entity/entities: sense especificar
Funding entity or bodies: Diversos **Type of entity:** Other organisms
City funding entity: 00000 Barcelona, Spain
Code according to the funding entity: 303146
Start date: 24/11/2004 **Duration:** 45 years - 1 month - 9 days
Total amount: 2.300 €

Scientific and technological activities

Scientific production

Publications, scientific and technical documents

- 1** Roig Vilaseca, D; Núñez, M.; Núñez, E., García del Val, J.L.; Sánchez-Pla, A.; Bonet Llorach, M.Characterization of patients with rheumatoid arthritis according to the health care level. Reumatología Clínica. 15 - 3, pp. 258 - 265. (Spain): Elsevier España, 2013. ISSN 1699-258X

Type of production: Scientific paper **Format:** Journal

Position of signature: 5

Total no. authors: 6

Impact source: SJR

Impact index in year of publication: 0.247

Source of citations: SJR **Citations:** 2

Relevant results: Quartil: 3

Relevant publication: Yes
- 2** Ocaña, J.; Sánchez, M. P.; Carrasco, J. LI.; Sánchez, A.On equivalence and bioequivalence testing.Sort (Statistics and Operations Research Transactions). 32 - 2, pp. 151 - 176. (Spain): Institut d'Estadística de Catalunya, 2011. Available on-line at: <<http://www.raco.cat/index.php/SORT/article/view/144068>>. ISSN 1696-2281

Handle: <http://hdl.handle.net/2445/111231>

Type of production: Scientific paper **Format:** Journal

Position of signature: 4

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 0.368

Position of publication: 64

Category: OPERATIONS RESEARCH & MANAGEMENT SCIENCE

Journal in the top 25%: No

No. of journals in the cat.: 77

Impact source: ISI

Impact index in year of publication: 0.368

Position of publication: 97

Category: STATISTICS & PROBABILITY

Journal in the top 25%: No

No. of journals in the cat.: 116

Source of citations: WOS **Citations:** 30

Relevant publication: Yes
- 3** Pol Castellano-Escuder; Raúl González-Domínguez; David S. Wishart; Cristina Andrés-Lacueva; Alex Sánchez-Pla. FOBI: An ontology to represent food intake data and associate it with metabolomic data. Database. (United States of America): Oxford University Press, 2020. ISSN 0162-4105

DOI: <https://doi.org/10.1093/database/baaa033>

Handle: <http://hdl.handle.net/2445/169249>

Type of production: Scientific paper **Format:** Journal

Position of signature: 5

Total no. authors: 5

- 4** Sánchez-Pla, A.; Salicrú, M.; Ocaña, J. An equivalence approach to the integrative analysis of feature lists. BMC Bioinformatics. 20, pp. 441. (United Kingdom): BioMed Central, 2019. ISSN 1471-2105
DOI: <https://doi.org/10.1186/s12859-019-3008-x>
Handle: <http://hdl.handle.net/2445/141770>
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 3
Impact source: ISI
Impact index in year of publication: 2.511
Position of publication: 58
Impact source: ISI
Impact index in year of publication: 2.511
Position of publication: 24
Impact source: ISI
Impact index in year of publication: 2.511
Position of publication: 9
Source of citations: WOS
Relevant results: Quartile: 1
Format: Journal
Category: BIOTECHNOLOGY & APPLIED MICROBIOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 156
Category: BIOCHEMICAL RESEARCH METHODS
Journal in the top 25%: No
No. of journals in the cat.: 77
Category: MATHEMATICAL & COMPUTATIONAL BIOLOGY
Journal in the top 25%: Yes
No. of journals in the cat.: 59
Citations: 0
- 5** Urpi-Sarda, M.; Almanza, E.; Llorach, R.; Vázquez-Fresno, R.; Estruch, R.; Corella, D.; Sorli, J.V.; Carmona, F.; Sanchez-Pla, A.; Salas-Salvadó, J.; Andres-Lacueva, C. Non-targeted metabolomic biomarkers and metabolotypes of type 2 diabetes: A cross-sectional study of PREDIMED trial participants. Diabetes & Metabolism. 45 - 2, pp. 167 - 174. (France): Elsevier Masson SAS, 2019. Available on-line at: <<https://www.sciencedirect.com/science/article/pii/S1262363618300466>>. ISSN 1262-3636
DOI: <https://doi.org/10.1016/j.diabet.2018.02.006>
Handle: <http://hdl.handle.net/2445/163513>
Type of production: Scientific paper
Total no. authors: 11
Impact source: ISI
Impact index in year of publication: 4.008
Position of publication: 28
Source of citations: WOS
Relevant results: Quartil: 2
Format: Journal
Category: ENDOCRINOLOGY & METABOLISM
Journal in the top 25%: Yes
No. of journals in the cat.: 143
Citations: 11
- 6** Madrid-Gambin, F.; Garcia-Aloy, M.; Vázquez-Fresno, R.; Vegas-Lozano, E.; , Sánchez-Pla, A.; Misawa, K.; Hase, T.; Shimotoyodome, A.; Andres-Lacueva, C. Metabolic signature of a functional high-catechin tea after acute and sustained consumption in healthy volunteers through 1H NMR-based metabolomics analysis of urine. Journal of Agricultural and Food Chemistry. 67 - 11, pp. 3118 - 3124. (United States of America): American Chemical Society, 2018. ISSN 0021-8561
DOI: <https://doi.org/10.1021/acs.jafc.8b04198>
Handle: <http://hdl.handle.net/2445/160397>
Type of production: Scientific paper
Total no. authors: 9
Impact source: ISI
Impact index in year of publication: 3.571
Position of publication: 3
Format: Journal
Category: AGRICULTURE, MULTIDISCIPLINARY
Journal in the top 25%: Yes
No. of journals in the cat.: 56

Impact source: ISI
Impact index in year of publication: 3.571
Position of publication: 14

Category: CHEMISTRY, APPLIED
Journal in the top 25%: Yes
No. of journals in the cat.: 71

Impact source: ISI
Impact index in year of publication: 3.571
Position of publication: 28

Category: FOOD SCIENCE & TECHNOLOGY
Journal in the top 25%: Yes
No. of journals in the cat.: 135

- 7** Malhotra, S.; Villar, L.M.; Costa, C.; Midaglia, L.; Cubedo, M.; Medina, S.; Fissolo, N.; Río, J.; Castilló, J.; Álvarez-Cermeño, J.C.; Sánchez, A.; Montalban, X.; Comabella, M. Circulating EZH2-positive T cells are decreased in multiple sclerosis patients. *Journal of Neuroinflammation*. 15 - 1, pp. 296 - 308. (United Kingdom): BioMed Central, 2018. ISSN 1742-2094

DOI: <https://doi.org/10.1186/s12974-018-1336-9>

Handle: <http://hdl.handle.net/2445/132836>

Type of production: Scientific paper

Format: Journal

Total no. authors: 13

Impact source: ISI
Impact index in year of publication: 5.7
Position of publication: 30

Category: IMMUNOLOGY
Journal in the top 25%: Yes
No. of journals in the cat.: 158

Impact source: ISI
Impact index in year of publication: 5.7
Position of publication: 40

Category: NEUROSCIENCES
Journal in the top 25%: Yes
No. of journals in the cat.: 267

- 8** Article | OPEN | Published: 08 October 2018 Comparative transcriptomic profile of tolerogenic dendritic cells differentiated with vitamin D3, dexamethasone; rapamycin Juan Navarro-Barriuso; María José Mansilla; Mar Naranjo-Gómez; Alex Sánchez-Pla; Bibiana Quirant-Sánchez; Aina Teniente-Serra; Cristina Ramo-Tello; Eva M. Martínez-Cáceres. Comparative transcriptomic profile of tolerogenic dendritic cells differentiated with vitamin D3, dexamethasone and rapamycin. *Scientific Reports*. 8 - 1, pp. 14985. (United Kingdom): Nature Publishing Group, 2018. ISSN 2045-2322

Type of production: Scientific paper

Format: Journal

Impact source: ISI
Impact index in year of publication: 4.011
Position of publication: 15

Category: MULTIDISCIPLINARY SCIENCES
Journal in the top 25%: Yes
No. of journals in the cat.: 69

Source of citations: WOS

Citations: 13

Relevant results: Quartil: 1

- 9** Marco-Ramell, A.; Tulipani, S.; Palau-Rodriguez, M.; Gonzalez-Dominguez, R.; Miñarro, A.; Jáuregui, O.; Sanchez-Pla, A.; Macias-Gonzalez, M.; Cardona, F.; Tinahones, F.; Andres-Lacueva, C. Untargeted profiling of concordant/discordant phenotypes of high insulin resistance and obesity to predict the risk of developing diabetes. *Journal of Proteome Research*. 17 - 7, pp. 2307 - 2317. (United States of America): American Chemical Society, 2018. Available on-line at: <<https://pubs.acs.org/doi/10.1021/acs.jproteome.7b00855>>. ISSN 1535-3893

DOI: <https://doi.org/10.1021/acs.jproteome.7b00855>

Handle: <http://hdl.handle.net/2445/167460>

Type of production: Scientific paper

Format: Journal

Position of signature: 7

Total no. authors: 11

Impact source: ISI
Impact index in year of publication: 3.78
Position of publication: 15

Category: BIOCHEMICAL RESEARCH METHODS
Journal in the top 25%: Yes
No. of journals in the cat.: 79

**Source of citations:** WOS**Citations:** 12**Relevant results:** Quartil: 1

- 10** Palau-Rodriguez, M.; Tulipani, S.; Marco-Ramell, A.; Miñarro, A.; Jáuregui, O.; González-Domínguez, R.; Sanchez-Pla, A.; Ramos-Molina, B.; Tinahones, F.J.; Andres-Lacueva, C. Characterization of metabolomic profile associated with metabolic improvement after bariatric surgery in subjects with morbid obesity. *Journal of Proteome Research*. 17 - 8, pp. 2704 - 2714. (United States of America): American Chemical Society, 2018. Available on-line at: <<https://pubs.acs.org/doi/10.1021/acs.jproteome.8b00144>>. ISSN 1535-3893

DOI: <https://doi.org/10.1021/acs.jproteome.8b00144>**Handle:** <http://hdl.handle.net/2445/162377>**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 10**Impact source:** ISI**Category:** BIOCHEMICAL RESEARCH METHODS**Impact index in year of publication:** 3.78**Journal in the top 25%:** Yes**Position of publication:** 15**No. of journals in the cat.:** 79**Source of citations:** WOS**Citations:** 6**Relevant results:** Quartil: 1

- 11** Palau-Rodriguez, M.; Tulipani, S.; Marco-Ramell, A.; Miñarro, A.; Jáuregui, O.; Sanchez-Pla, A.; Ramos-Molina, B.; Tinahones, F.; Andres-Lacueva, C. Metabotypes of response to bariatric surgery independent of the magnitude of weight loss. *PLoS One*. 13 - 6, (United States of America): Public Library of Science (PLoS), 2018. ISSN 1932-6203

DOI: <https://doi.org/10.1371/journal.pone.0198214>**Handle:** <http://hdl.handle.net/2445/130327>**Type of production:** Scientific paper**Format:** Journal**Total no. authors:** 9**Impact source:** ISI**Category:** MULTIDISCIPLINARY SCIENCES**Impact index in year of publication:** 2.776**Journal in the top 25%:** No**Position of publication:** 24**No. of journals in the cat.:** 69**Source of citations:** WOS**Citations:** 4**Relevant results:** Quartil: 2

- 12** Matute-Blanch C; Villar LM; Álvarez-Cermeño JC; Rejdak K; Evdoshenko E; Makshakov G; Nazarov V; Lapin S; Midaglia L; Vidal-Jordana A; Drulovic J; García-Merino A; Sánchez-López AJ; Havrdova E; Saiz A. Neurofilament light chain and oligoclonal bands are prognostic biomarkers in radiologically isolated syndrome. *Brain*. (United Kingdom): Oxford University Press, 2018. Available on-line at: <<https://academic.oup.com/brain/article-abstract/141/4/1085/4858419?redirectedFrom=fulltext>>. ISSN 0006-8950

DOI: <https://doi.org/10.1093/brain/awy021>**Type of production:** Scientific paper**Format:** Journal**Impact source:** ISI**Category:** NEUROSCIENCES**Impact index in year of publication:** 11.814**Journal in the top 25%:** Yes**Position of publication:** 11**No. of journals in the cat.:** 267**Impact source:** ISI**Category:** CLINICAL NEUROLOGY**Impact index in year of publication:** 11.814**Journal in the top 25%:** Yes**Position of publication:** 6**No. of journals in the cat.:** 199

- 13** Silvia Rodriguez-Fernandez; Irma Pujol-Autonell; Ferran Brioso; David Perna-Barrull; Mary Cano-Sarabia; Sonia Garcia-Jimeno; Adrian Villalba; Alex Sanchez; Eva Aguilera; Federico Vazquez; Joan Verdager; Daniel Maspocho; Marta Vives-Pi. Phosphatidylserine-Liposomes promote tolerogenic features on dendritic cells in human type 1 diabetes by apoptotic mimicry. *Frontiers in Immunology*. (Switzerland): Frontiers Media, 2018. ISSN 1664-3224
DOI: <https://doi.org/10.3389/fimmu.2018.00253>
Type of production: Scientific paper
Format: Journal
Position of signature: 13
Total no. authors: 8
Impact source: ISI
Category: IMMUNOLOGY
Impact index in year of publication: 4.716
Journal in the top 25%: No
Position of publication: 43
No. of journals in the cat.: 158
- 14** Marco-Ramell, A; Palau-Rodriguez, M; Alay, A; Tulipani, S; Urpi-Sarda, M; Sanchez-Pla, A; Andres-Lacueva, C. Evaluation and comparison of bioinformatic tools for the enrichment analysis of metabolomics data. *BMC Bioinformatics*. 19 - 1, (United Kingdom): BioMed Central, 2018. Available on-line at: <https://bmcbioinformatics.biomedcentral.com/articles/10.1186/s12859-017-2006-0>. ISSN 1471-2105
DOI: <https://doi.org/10.1186/s12859-017-2006-0>
Handle: <http://hdl.handle.net/2445/121609>
Type of production: Scientific paper
Format: Journal
Impact source: ISI
Category: BIOTECHNOLOGY & APPLIED MICROBIOLOGY
Impact index in year of publication: 2.511
Journal in the top 25%: No
Position of publication: 79
No. of journals in the cat.: 162
Impact source: ISI
Category: BIOCHEMICAL RESEARCH METHODS
Impact index in year of publication: 2.511
Journal in the top 25%: No
Position of publication: 37
No. of journals in the cat.: 79
Impact source: ISI
Category: MATHEMATICAL & COMPUTATIONAL BIOLOGY
Impact index in year of publication: 2.511
Journal in the top 25%: Yes
Position of publication: 9
No. of journals in the cat.: 59
Source of citations: WOS
Citations: 54
Relevant results: Quartil: 1
- 15** Navarro, A.; Clot, G.; Martínez-Trillos, A.; Pinyol, M.; Jares, P.; González-Farré, B.; Martínez, D.; Trim, N.; Fernández, V.; Villamor, N.; Colomer, D.; Costa, D.; Salaverria, I.; Martín-García, D.; Erber, W.; López, C.; Jayne, S.; Siebert, R.; Dyer, MJS.; Wiestner, A.; Wilson, WH.; Aymerich, M.; López-Guillermo, A.; Sánchez, À.; Campo, E.; Matutes, E.; Beà, S. Improved classification of leukemic B-cell lymphoproliferative disorders using a transcriptional and genetic classifier. *Haematologica*. 102 - 9, (Italy): Ferrata Storti Foundation, 2017. ISSN 0390-6078
DOI: <https://doi.org/10.3324/haematol.2016.160374>
Handle: <http://hdl.handle.net/2445/122886>
Type of production: Scientific paper
Format: Journal
Impact source: ISI
Category: HEMATOLOGY
Impact index in year of publication: 9.09
Journal in the top 25%: Yes
Position of publication: 5
No. of journals in the cat.: 71
Source of citations: WOS
Citations: 12
Relevant results: Quartil: 1

- 16** Fissolo, Nicolas; Pignolet, Beatrice; Matute-Blanch, Clara; Trivino, Juan Carlos; Miro, Berta; Mota, Miriam; Perez-Hoyos, Santiago; Sanchez, Alex; Vermersch, Patrick; Ruet, Aurelie; Vermersch, Patrick; Ruet, Aurelie; de Seze, Jerome; Labauge, Pierre; Vukusic, Sandra; Papeix, Caroline; Almoyna, Laurent; Tourbah, Ayman; Clavelou, Pierre; Moreau, Thibault; Pelletier, Jean; Lebrun-Frenay, Christine; Montalban, Xavier; Brassat, David; Comabella, Manuel. Matrix Metalloproteinase 9 Is Decreased in Natalizumab-Treated Multiple Sclerosis Patients at Risk for Progressive Multifocal Leukoencephalopathy. *Annals of Neurology*. 82 - 2, pp. 186 - 195. (United States of America): Wiley-Liss, 2017. ISSN 0364-5134
DOI: <https://doi.org/10.1002/ana.24987>
Type of production: Scientific paper
Format: Journal
Total no. authors: 25
Impact source: ISI
Category: NEUROSCIENCES
Impact index in year of publication: 10.25
Journal in the top 25%: Yes
Position of publication: 15
No. of journals in the cat.: 261
Impact source: ISI
Category: CLINICAL NEUROLOGY
Impact index in year of publication: 10.25
Journal in the top 25%: Yes
Position of publication: 8
No. of journals in the cat.: 197
Source of citations: WOS
Citations: 24
Relevant results: Quartil: 1
- 17** Almanza-Aguilera, E.; Urpi-Sarda, M.; Llorach, R.; Vázquez-Fresno, R.; Garcia-Aloy, M.; Carmona, F.; Sanchez, A.; Madrid-Gambin, F.; Estruch, R.; Corella, D.; Andres-Lacueva, C. Microbial metabolites are associated with a high adherence to a Mediterranean dietary pattern using a 1h-nmr-based untargeted metabolomics approach. *Journal of Nutritional Biochemistry*. 48, pp. 36 - 43. (United States of America): Elsevier B.V., 2017. Available on-line at: <http://www.sciencedirect.com/science/article/pii/S0955286316307938>. ISSN 0955-2863
DOI: <https://doi.org/10.1016/j.jnutbio.2017.06.001>
Handle: <http://hdl.handle.net/2445/163703>
Type of production: Scientific paper
Format: Journal
Total no. authors: 11
Impact source: ISI
Category: BIOCHEMISTRY & MOLECULAR BIOLOGY
Impact index in year of publication: 4.414
Journal in the top 25%: Yes
Position of publication: 63
No. of journals in the cat.: 293
Impact source: ISI
Category: NUTRITION & DIETETICS
Impact index in year of publication: 4.414
Journal in the top 25%: Yes
Position of publication: 15
No. of journals in the cat.: 83
- 18** Tulipani, S.; Palau-Rodriguez, M.; Miñarro Alonso, A.; Cardona, F.; Marco-Ramell, A.; Zonja, B.; Lopez de Alda, M.; Muñoz-Garach, A.; Sanchez-Pla, A.; Tinahones, F.J.; Andres-Lacueva, C. Biomarkers of Morbid Obesity and Prediabetes by Metabolomic Profiling of Human Discordant Phenotypes. *Clinica Chimica Acta*. 463, pp. 53 - 61. (Holland): Elsevier B.V., 2016. Available on-line at: <http://www.sciencedirect.com/science/article/pii/S0009898116304028>. ISSN 0009-8981
DOI: <https://doi.org/10.1016/j.cca.2016.10.005>
Handle: <http://hdl.handle.net/2445/164099>
Type of production: Scientific paper
Format: Journal
Position of signature: 9
Total no. authors: 11
Impact source: ISI
Category: MEDICAL LABORATORY TECHNOLOGY
Impact index in year of publication: 2.873
Journal in the top 25%: No
Position of publication: 8
No. of journals in the cat.: 30
Source of citations: WOS
Citations: 89



Relevant results: Quartil: 2

- 19** María Teresa Julian; Núria Alonso; Roger Colobran; Alex Sanchez; Antoni Miñarro; Irma Pujol-Autonell; Jorge Carrascal; Silvia Rodríguez-Fernandez; Rosa María Ampudia; Marta Vives-Pi; Manel Puig-Domingo. CD26/DPPIV inhibition alters the expression of immune response-related genes in the thymus of NOD mice. *Molecular and Cellular Endocrinology*. 426, pp. 101 - 112. (Holland): Elsevier B.V., 2016. Available on-line at: <<http://dx.doi.org/10.1016/j.mce.2016.02.014>>. ISSN 0303-7207

DOI: <https://doi.org/10.1016/j.mce.2016.02.014>

Handle: <http://hdl.handle.net/2445/104762>

Type of production: Scientific paper

Format: Journal

Total no. authors: 11

Impact source: ISI

Category: ENDOCRINOLOGY & METABOLISM

Impact index in year of publication: 3.754

Journal in the top 25%: No

Position of publication: 42

No. of journals in the cat.: 138

Impact source: ISI

Category: CELL BIOLOGY

Impact index in year of publication: 3.754

Journal in the top 25%: No

Position of publication: 79

No. of journals in the cat.: 190

Source of citations: WOS

Citations: 6

Relevant results: Quartil: 2

- 20** Alba Navarro; Guillem Clot; Alejandra Martinez-Trillos; Itziar Salaverria; David Martin-Garcia; Nicola Trim; Veronica Fernandez; Neus Villamor; Dolors Colomer; Magda Pinyol; Pedro Jares; Wendy N. Erber; Adrian Wiestner; Wyndham H. Wilson; Reiner Siebert; Marta Aymerich; Armando Lopez-Guillermo; Àlex Sánchez; Elias Campo; Estella Matutes; Silvia Beà. Gene Expression Profiling Signatures Allow the Identification of Unclassifiable Leukemic B-Cell Lymphoid Neoplasms. *Blood*. 125 - 23, pp. 3902. (United States of America): American Society of Hematology, 2015. ISSN 0006-4971

Type of production: Scientific paper

Format: Journal

Position of signature: 18

Total no. authors: 21

Impact source: ISI

Category: HEMATOLOGY

Impact index in year of publication: 11.841

Journal in the top 25%: Yes

Position of publication: 2

No. of journals in the cat.: 70

Relevant results: Quartil: 1

- 21** Fernández-Santiago, R.; Carballo-Carbajal, I.; Castellano, G.; Torrent, R.; Richaud, Y.; Sánchez-Danés, A.; Vilarrasa-Blasi, R.; Sánchez-Pla, A.; Mosquera, J.L.; Soriano, J.; López-Barneo, J.; Canals, J.M.; Alberch, J.; Raya, Á.; Vila, M.; Consiglio, A.; Martín-Subero, J.I.; Ezquerro, M.; Tolosa, E. Aberrant epigenome in iPSC-derived dopaminergic neurons from Parkinson's disease patients. *EMBO Molecular Medicine*. 7 - 12, pp. 1529 - 1546. (United Kingdom): EMBO Press, 2015. ISSN 1757-4676

DOI: <https://doi.org/10.15252/emmm.201505439>

Type of production: Scientific paper

Format: Journal

Position of signature: 8

Total no. authors: 18

Impact source: ISI

Category: MEDICINE, RESEARCH & EXPERIMENTAL

Impact index in year of publication: 9.547

Journal in the top 25%: Yes

Position of publication: 7

No. of journals in the cat.: 124

Source of citations: WOS

Citations: 155

Relevant results: Quartil: 1

- 22** Pujol-Autonell, I.; Serracant-Prat, A.; Cano-Sarabia, M.; Ampudia, R.; Rodriguez-Fernandez, S.; Sanchez-Pla, A.; Izquierdo, C.; Stratmann, T.; Puig-Domingo, M.; Maspoch, D.; Verdager, J.; Vives-Pi, M. Use of autoantigen-loaded phosphatidylserine-liposomes to arrest autoimmunity in type 1 diabetes. PLoS One. 10 - 6, (United States of America): Public Library of Science (PLoS), 2015. ISSN 1932-6203
DOI: <https://doi.org/10.1371/journal.pone.0127057>
Handle: <http://hdl.handle.net/2445/104383>
Type of production: Scientific paper
Position of signature: 6
Total no. authors: 12
Impact source: ISI
Impact index in year of publication: 3.057
Position of publication: 11
Source of citations: WOS
Relevant results: Quartil: 1
Format: Journal
Category: MULTIDISCIPLINARY SCIENCES
Journal in the top 25%: Yes
No. of journals in the cat.: 63
Citations: 75
- 23** Bazzocco S.; Dopeso.; Carton-Garcia F.; Macaya I.; Andretta E.; Chionh F.; Rodrigues P.; Garrido M.; Alazzouzi H.; Nieto R.; Sanchez A.; Schwartz S Jr.; Bilic J.; Mariadason JM.; Arango D. Highly Expressed Genes in Rapidly Proliferating Tumor Cells as New Targets for Colorectal Cancer Treatment. Clinical Cancer Research. (United States of America): American Association for Cancer Research, 2015. Available on-line at: <<http://clincancerres.aacrjournals.org/content/21/16/3695.abstract?sid=5907fe29-f76f-4109-adf6-7f29a2fe5502>>. ISSN 1078-0432
DOI: <https://doi.org/10.1158/1078-0432>
Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 8.738
Position of publication: 12
Source of citations: WOS
Relevant results: Quartil: 1
Format: Journal
Category: ONCOLOGY
Journal in the top 25%: Yes
No. of journals in the cat.: 213
Citations: 24
- 24** Cantó E.; Tintoré M.; Villar LM.; , Costa C1, Nurtdinov R.; , Álvarez-Cermeño JC.; , Arrambide G.; , Reverter F.; , Deisenhammer F.; , Hegen H.; , Khademi M.; , Olsson T.; , Tumani H.; , Rodríguez-Martín E.; , Piehl F.; , Bartos A.; , Zimova D.; , Kotoucova J.; , Kuhle J.; , Kappos L.; , García-Merino JA.; , Sánchez AJ.; , Saiz A.; , Blanco Y.; , Hintzen R.; , Jafari N.; , Brassat D.; , Lauda F.; , Roesler R.; , Rejdak K.; , Papuc E.; , de Andrés C.; , Rauch S.; , Khalil M.; , Enzinger C.; , Galimberti D.; , Scarpini E.; , Teunissen C.; , Sánchez A.; , Rovira A.; , Montalban X.; , Comabella M. Chitinase 3-like 1: prognostic biomarker in clinically isolated syndromes. Brain. (United Kingdom): Oxford University Press, 2015. ISSN 0006-8950
DOI: <https://doi.org/10.1093/brain/awv017>
Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 10.103
Position of publication: 12
Impact source: ISI
Impact index in year of publication: 10.103
Position of publication: 5
Source of citations: WOS
Relevant results: Quartil: 1
Format: Journal
Category: NEUROSCIENCES
Journal in the top 25%: Yes
No. of journals in the cat.: 256
Category: CLINICAL NEUROLOGY
Journal in the top 25%: Yes
No. of journals in the cat.: 193
Citations: 183



- 25** Aso, E.; Sánchez-Pla, A.; Vegas-Lozano, E.; Maldonado, R.; Ferrer, I. Cannabis-based medicine reduces multiple pathological processes in A β PP/PS1 mice. *Journal of Alzheimer's Disease*. 43 - 3, pp. 977 - 991. (Holland): IOS Press, 2015. ISSN 1387-2877
DOI: <https://doi.org/10.3233/JAD-141014>
Handle: <http://hdl.handle.net/2445/140650>
Type of production: Scientific paper **Format:** Journal
Position of signature: 2
Total no. authors: 5
Impact source: ISI **Category:** NEUROSCIENCES
Impact index in year of publication: 3.92 **Journal in the top 25%:** No
Position of publication: 68 **No. of journals in the cat.:** 256
Source of citations: WOS **Citations:** 174
Relevant results: Quartil: 2
- 26** Armand-Ugón, M.; Aso, E.; Moreno, J.; Riera-Codina, M.; Sánchez-Pla, A.; Vegas-Lozano, E.; Ferrer, I. Memory improvement in the A PP/PS1 mouse model of familial Alzheimer's disease induced by carbamylated-erythropoietin is accompanied by modulation of synaptic genes. *Journal of Alzheimer's Disease*. 45 - 2, pp. 407 - 421. (Holland): IOS Press, 2015. ISSN 1387-2877
DOI: <https://doi.org/10.3233/JAD-141389>
Handle: <http://hdl.handle.net/2445/67988>
Type of production: Scientific paper **Format:** Journal
Position of signature: 5
Total no. authors: 7
Impact source: ISI **Category:** NEUROSCIENCES
Impact index in year of publication: 3.92 **Journal in the top 25%:** No
Position of publication: 68 **No. of journals in the cat.:** 256
Source of citations: WOS **Citations:** 48
Relevant results: Quartil: 2
- 27** Gregori J.; Salicrú M.; Domingo E.; Sanchez A.; Esteban J.I.; Rodriguez-Frias F.; Quer J. Inference with viral quasispecies diversity indices: clonal and NGS approaches. *Bioinformatics*. 30 - 8, pp. 1104 - 1111. (United Kingdom): Oxford University Press, 2014. ISSN 1367-4803
DOI: <https://doi.org/10.1093/bioinformatics/btt768>
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** BIOTECHNOLOGY & APPLIED MICROBIOLOGY
Impact index in year of publication: 4.981 **Journal in the top 25%:** Yes
Position of publication: 19 **No. of journals in the cat.:** 163
Impact source: ISI **Category:** BIOCHEMICAL RESEARCH METHODS
Impact index in year of publication: 4.981 **Journal in the top 25%:** Yes
Position of publication: 8 **No. of journals in the cat.:** 79
Impact source: ISI **Category:** MATHEMATICAL & COMPUTATIONAL BIOLOGY
Impact index in year of publication: 4.981 **Journal in the top 25%:** Yes
Position of publication: 3 **No. of journals in the cat.:** 57
Relevant results: Quartil: 1



- 28** Cuadros, T.; Trilla, E.; Sarro, E.; Vilà, M.R.; Vilardell, J.; de Torres, I.; Salcedo, M.; Lopez-Hellin, J.; Sanchez, A.; Ramon Y Cajal, S.; Itarte, EMilio; Morote, Juan; Meseguer, Ana. HAVCR/KIM-1 activates the IL-6/STAT-3 Pathway in ccRCC and Determines Tumor Progression and Patient Outcome. Cancer Research. (United States of America): American Association for Cancer Research, 2014. ISSN 0008-5472
DOI: <https://doi.org/10.1158/0008-5472.CAN-13-1671>
Type of production: Scientific paper **Format:** Journal
Position of signature: 9
Total no. authors: 13
Impact source: ISI **Category:** ONCOLOGY
Impact index in year of publication: 9.329 **Journal in the top 25%:** Yes
Position of publication: 11 **No. of journals in the cat.:** 211
Source of citations: WOS **Citations:** 184
Relevant results: Quartil: 1
- 29** Maria Cubero; Josep Gregori; Juan I Esteban; Damir García-Cehic; Marta Bes; Celia Perales; Esteban Domingo; Francisco Rodríguez-Frías; Silvia Saulea; Rosario Casillas; Alex Sanchez; Israel Ortega; Rafael Esteban; Jaume Guardia; Josep Quer. Identification of host and viral factors involved in a dissimilar resolution of a hepatitis C virus infection. Liver International. (Denmark): John Wiley & Sons, 2013. ISSN 1478-3223
DOI: <https://doi.org/10.1111/liv.12362>
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** GASTROENTEROLOGY & HEPATOLOGY
Impact index in year of publication: 4.412 **Journal in the top 25%:** Yes
Position of publication: 14 **No. of journals in the cat.:** 74
Source of citations: WOS **Citations:** 30
Relevant results: Quartil: 1
- 30** Josep Gregori; Laura Villarreal; Alex Sánchez; José Baselga; Josep Villanueva. An Effect Size Filter Improves the Reproducibility in Spectral Counting-based Comparative Proteomics. Journal of Proteomics. (Holland): Elsevier B.V., 2013. ISSN 1874-3919
Type of production: Scientific paper **Format:** Journal
Position of signature: 3
Total no. authors: 5
Impact source: ISI **Category:** BIOCHEMICAL RESEARCH METHODS
Impact index in year of publication: 3.929 **Journal in the top 25%:** Yes
Position of publication: 16 **No. of journals in the cat.:** 78
Source of citations: WOS **Citations:** 37
Relevant results: Quartil: 1
- 31** Manuel Comabella; Ana B Caminero; Sunny Malhotra; Luis Agulló; Oscar Fernández; Ferran Reverter; Koen Vandenbroeck; Alfredo Rodríguez-Antigüedad; Fuencisla Matesanz; Guillermo Izquierdo; Elena Urcelay; Arturo López-Larios; Alex Sánchez; Susana Otero; Mar Tintoré; Xavier Montalban. TNFRSF1A polymorphisms rs1800693 and rs4149584 in patients with multiple sclerosis. Neurology. 80 - 22, pp. 2010 - 2016. (United States of America): Lippincott, Williams & Wilkins. Wolters Kluwer Health, 2013. ISSN 0028-3878
Type of production: Scientific paper **Format:** Journal
Position of signature: 9
Total no. authors: 16
Impact source: ISI **Category:** CLINICAL NEUROLOGY
Impact index in year of publication: 8.303 **Journal in the top 25%:** Yes
Position of publication: 8 **No. of journals in the cat.:** 194

**Source of citations:** WOS**Citations:** 49**Relevant results:** Quartil: 1

- 32** Pujol-Autonell, Irma; Ampudia, Rosa-Maria; Planas, Raquel; Marin-Gallen, Silvia; Carrascal, Jorge; Sanchez, Alex; Marin, Ana; Puig-Domingo, Manuel; Pujol-Borrell, Ricardo; Verdaguer, Joan; Vives-Pi, Marta. Efferocytosis Promotes Suppressive Effects on Dendritic Cells through Prostaglandin E2 Production in the Context of Autoimmunity. PLoS One. 8 - 5, pp. 1 - 10. (United States of America): Public Library of Science (PLoS), 2013. ISSN 1932-6203

DOI: <https://doi.org/10.1371/journal.pone.0063296>**Handle:** <http://hdl.handle.net/10459.1/48270>**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 6**Total no. authors:** 11**Impact source:** ISI**Category:** MULTIDISCIPLINARY SCIENCES**Impact index in year of publication:** 3.534**Journal in the top 25%:** Yes**Position of publication:** 8**No. of journals in the cat.:** 55**Source of citations:** WOS**Citations:** 38**Relevant results:** Quartil: 1

- 33** Marta Fernández Bustamante; J. Rio; Z. Castro; Alex Sánchez; Xavier Montalban; M. Comabella. Cellular immune responses in multiple sclerosis patients treated with interferon-beta. Clinical and Experimental Immunology. 171 - 3, pp. 243 - 246. (United Kingdom): Blackwell Science, 2013. ISSN 0009-9104

DOI: <https://doi.org/10.1111/cei.12016>**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 4**Total no. authors:** 6**Impact source:** ISI**Category:** IMMUNOLOGY**Impact index in year of publication:** 3.278**Journal in the top 25%:** No**Position of publication:** 60**No. of journals in the cat.:** 144**Source of citations:** WOS**Citations:** 14**Relevant results:** Quartil: 2

- 34** Homs, Maria; Buti, Maria; Tabernero, David; Quer, Josep; Sanchez, Alex; Corral, Noelia; Esteban, Rafael; Rodriguez-Frias, Francisco. Quasispecies Dynamics in Main Core Epitopes of Hepatitis B Virus by Ultra-deep-pyrosequencing. World Journal of Gastroenterology. 18 - 42, pp. 6096 - 6105. (China): Baishideng Publishing Group, 2012. ISSN 1007-9327

DOI: <https://doi.org/10.3748/wjg.v18.i42.6096>**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 5**Total no. authors:** 8**Impact source:** ISI**Category:** GASTROENTEROLOGY & HEPATOLOGY**Impact index in year of publication:** 2.547**Journal in the top 25%:** No**Position of publication:** 34**No. of journals in the cat.:** 74**Source of citations:** WOS**Citations:** 41**Relevant results:** Quartil: 2

- 35** Botta-Orfila, T.; Sánchez-Pla, A.; Fernández, M.; Carmona, F.; Ezquerro, M.; Tolosa, E. Brain transcriptomic profiling in idiopathic and LRRK2-associated Parkinson's disease. *Brain Research*. 1466, pp. 152 - 157. (Holland): Elsevier B.V., 2012. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S0006899312009341>>. ISSN 0006-8993
DOI: <https://doi.org/10.1016/j.brainres.2012.05.036>
Type of production: Scientific paper **Format:** Journal
Position of signature: 2
Total no. authors: 6
Impact source: ISI **Category:** NEUROSCIENCES
Impact index in year of publication: 2.879 **Journal in the top 25%:** No
Position of publication: 126 **No. of journals in the cat.:** 252
Source of citations: WOS **Citations:** 42
Relevant results: Quartil: 2
- 36** Serino, M.; Fernández-Real, J. M.; Fuentes, E. G.; Queipo-Ortuño, M.; Moreno-Navarrete, J. M.; Sánchez, Á.; Burcelin, Remy; Tinahones, F. The gut microbiota profile is associated with insulin action in humans. *Acta Diabetologica*. pp. 1 - 9. (Italy): Springer Verlag, 2012. Available on-line at: <<http://link.springer.com/article/10.1007%2Fs00592-012-0410-5>>. ISSN 0940-5429
DOI: <https://doi.org/10.1007/s00592-012-0410-5>
Type of production: Scientific paper **Format:** Journal
Position of signature: 6
Total no. authors: 8
Impact source: ISI **Category:** ENDOCRINOLOGY & METABOLISM
Impact index in year of publication: 4.631 **Journal in the top 25%:** Yes
Position of publication: 25 **No. of journals in the cat.:** 122
Source of citations: WOS **Citations:** 97
Relevant results: Quartil: 1
- 37** Rodríguez-Frías, F.; Tabernero, D.; Quer, J.; Esteban, J.I.; Ortega, I.; Domingo, E.; Cubero, M.; Camos, S.; Ferrer-Costa, C.; Sanchez, A.; Jardil, R.; Schaper, M.; Homs, M.; Garcia-Cehic, M.; Guardia, J.; Esteban, R.; Buti, M. Ultra-Deep Pyrosequencing Detects Conserved Genomic Sites and Quantifies Linkage of Drug-Resistant Amino Acid Changes in the Hepatitis B Virus Genome. *PLoS One*. 7 - 5, (United States of America): Public Library of Science (PLoS), 2012. ISSN 1932-6203
DOI: <https://doi.org/10.1371/journal.pone.0037874>
Handle: <http://hdl.handle.net/2445/43202>
Type of production: Scientific paper **Format:** Journal
Total no. authors: 17
Impact source: ISI **Category:** MULTIDISCIPLINARY SCIENCES
Impact index in year of publication: 3.73 **Journal in the top 25%:** Yes
Position of publication: 7 **No. of journals in the cat.:** 56
Source of citations: WOS **Citations:** 155
- 38** Sánchez Pla, A.; Reverter, F.; Ruíz de Villa, M.C.; Comabella, M. Transcriptomics: mRNA and alternative splicing. *Journal of Neuroimmunology*. (Holland): Elsevier B.V., 2012. ISSN 0165-5728
DOI: <https://doi.org/10.1016/j.jneuroim.2012.04.008>
Type of production: Scientific paper **Format:** Journal
Position of signature: 1
Total no. authors: 4
Impact source: ISI **Category:** IMMUNOLOGY

**Impact index in year of publication:** 3.033**Position of publication:** 63**Impact source:** ISI**Impact index in year of publication:** 3.033**Position of publication:** 116**Source of citations:** WOS**Relevant results:** Quartil: 2**Journal in the top 25%:** No**No. of journals in the cat.:** 137**Category:** NEUROSCIENCES**Journal in the top 25%:** No**No. of journals in the cat.:** 252**Citations:** 100

- 39** Leticia De Mattos-Arruda; Javier Cortes; Claudia Aura; Mafalda Oliveira; Alejandro Navarro; Ginevra Caratu; Alex Sanchez-Pla; Josep Gregori; Cristina Saura; Josep Tabernero; Joan Seoane; Ana Vivancos. Analysis of the intratumoral heterogeneity of PIK3CA mutant alleles in breast cancer (BC): Implications for the luminal (LUM) phenotype. *Journal of Clinical Oncology*. 30 - 15, (United States of America): American Society of Clinical Oncology, 2012. ISSN 0732-183X

Type of production: Scientific paper**Format:** Journal**Impact source:** ISI**Category:** ONCOLOGY**Impact index in year of publication:** 18.038**Journal in the top 25%:** Yes**Position of publication:** 5**No. of journals in the cat.:** 197**Relevant results:** Quartil: 1

- 40** Gregori, J.; Villarreal, L.; Méndez, O.; Sánchez, A.; Baselga, J.; Villanueva, J. Batch effects correction improves the sensitivity of significance tests in spectral counting-based comparative discovery proteomics. *Journal of Proteomics*. (Holland): Elsevier B.V., 2012. ISSN 1874-3919

DOI: <https://doi.org/10.1016/j.jprot.2012.05.005>**Type of production:** Scientific paper**Format:** Journal**Impact source:** ISI**Category:** BIOCHEMICAL RESEARCH METHODS**Impact index in year of publication:** 4.088**Journal in the top 25%:** Yes**Position of publication:** 15**No. of journals in the cat.:** 75**Source of citations:** WOS**Citations:** 63**Relevant results:** Quartil: 1

- 41** L De Mattos-Arruda; J Cortes; A Sanchez-Pla; C Aura; V Ortega; J Jimenez; C Saura; J Tabernero; J Seoane; A Vivancos. ASSESSMENT OF THE INTRATUMORAL HETEROGENEITY IN METASTATIC BREAST CANCER (MBC) THROUGH THE ANALYSIS OF THE FREQUENCY OF PIK3CA MUTANT ALLELES. *Annals of Oncology*. 23, pp. 19 - 20. (Holland): Oxford University Press, 2012. ISSN 0923-7534

Type of production: Scientific paper**Format:** Journal**Position of signature:** 3**Total no. authors:** 5**Impact source:** ISI**Category:** ONCOLOGY**Impact index in year of publication:** 7.384**Journal in the top 25%:** Yes**Position of publication:** 18**No. of journals in the cat.:** 197**Relevant results:** Quartil: 1

- 42** Martinez, C.; Vicario, M.; Ramos, L.; Lobo, B.; Mosquera, J.L.; Alonso, C.; Sanchez, A.; Guilarte, M.; Antolin, M.; DeTorres, I.; Gonzalez-Castro, A.M.; Guila, M.; Pigrau, M.; Saperas, E.; Azpiroz, F.; Santos, J. The jejunum of diarrhea-predominant irritable bowel syndrome shows molecular alterations in the tight junction signaling pathway that are associated with mucosal pathobiology and clinical manifestations. *American Journal of Gastroenterology*. 107 - 5, pp. 736 - 746. (United States of America): Nature Publishing Group, 2012. ISSN 0002-9270

DOI: <https://doi.org/10.1038/ajg.2011.472>

**Type of production:** Scientific paper**Position of signature:** 7**Total no. authors:** 15**Impact source:** ISI**Impact index in year of publication:** 7.553**Position of publication:** 7**Source of citations:** WOS**Format:** Journal**Category:** GASTROENTEROLOGY & HEPATOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 74**Citations:** 245

- 43** Botta-Orfila, T.; Tolosa, E.; Gelpi, E.; Sánchez-Pla, A.; Martí, M.J.; Valdeoriola, F.; Fernández, M.; Carmona, F.; Ezquerra, M. Microarray expression analysis in idiopathic and LRRK2-associated Parkinson's disease. *Neurobiology of Disease*. 45 - 1, pp. 462 - 468. (United Kingdom): Elsevier, 2012. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S0969996111003032>>. ISSN 0969-9961

DOI: <https://doi.org/10.1016/j.nbd.2011.08.033>**Type of production:** Scientific paper**Position of signature:** 3**Total no. authors:** 9**Impact source:** ISI**Impact index in year of publication:** 5.624**Position of publication:** 34**Source of citations:** WOS**Format:** Journal**Category:** NEUROSCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 252**Citations:** 70**Relevant results:** Quartil: 1

- 44** Cantó, E.; Reverter, F.; Morcillo-Suárez, C.; Matesanz, F.; Fernández, O.; Izquierdo, G.; Vandenbroeck, K.; Rodríguez-Antigüedad, A.; Urcelay, E.; Arroyo, R.; Otaegui, D.; Olascoaga, J.; Saiz, A.; Navarro, A.; Sanchez, A.; Domínguez, C.; Caminero, A.; Horga, A.; Tintoré, M.; Montalban, X.; Comabella, M. Chitinase 3-like 1 plasma levels are increased in patients with progressive forms of multiple sclerosis. *Multiple Sclerosis Journal*. (United Kingdom): SAGE Publications, 2012. ISSN 1352-4585

Type of production: Scientific paper**Position of signature:** 15**Total no. authors:** 21**Impact source:** ISI**Impact index in year of publication:** 4.472**Position of publication:** 26**Format:** Journal**Category:** CLINICAL NEUROLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 193**Relevant results:** Q1

- 45** Sánchez, A.; Fernández-Real, J.; Vegas, E.; Carmona, F.; Amar, J.; Burcelin, R.; Serino, M.; Tinahones, F.; Ruíz de Villa, M.C.; Miñarro, A.; Reverter, F. Multivariate Methods for the Integration and Visualization of Omics Data. *Lecture Notes in Computer Science*. 6620/2012, pp. 29 - 41. (United States of America): Springer Verlag, 2012. Available on-line at: <<http://www.springerlink.com/content/m1q37475n542n523/>>. ISSN 0302-9743

DOI: https://doi.org/10.1007/978-3-642-28062-7_4**Type of production:** Scientific paper**Position of signature:** 1**Total no. authors:** 11**Format:** Journal

- 46** Sánchez, A.; Fernández-Real, J.; Vegas, E.; Carmona, F.; Amar, J.; Burcelin, R.; Serino, M.; Tinahones, F.; Ruíz de Villa, M.C.; Miñarro, A.; Reverter, F. Multivariate methods for the integration and visualization of omics data. *Bioinformatics in Personalized Medicine*. 10th Spanish Symposium, JBI 2010, Torremolinos, Spain, October 27-29, 2010. Revised Selected Papers. 6620, pp. 29 - 41. Berlín (Germany): Springer Berlin Heidelberg, 2012. Available on-line at: <<http://www.springerlink.com/content/m1q37475n542n523/>>. ISBN 978-3-642-28061-0

Type of production: Scientific paper**Format:** Book



Total no. authors: 11

- 47** Tortosa, R.; Castells, X.; Vidal, E.; Costa, C.; Ruiz de Villa, M.C.; Sánchez, A.; Barceló, A.; Torres, J.M.; Pumarola, M.; Ariño, J. Central Nervous System gene expression changes in a transgenic mouse model of Bovine Spongiform Encephalopathy. *Veterinary Research*. 42, pp. 109. (France): BioMedCentral, 2011. ISSN 0928-4249

DOI: <https://doi.org/10.1186/1297-9716-42-109>

Type of production: Scientific paper

Format: Journal

Position of signature: 6

Total no. authors: 10

Impact source: ISI

Category: VETERINARY SCIENCES (FINS AL 1991 VETERINARY MEDICINE)

Impact index in year of publication: 4.06

Journal in the top 25%: Yes

Position of publication: 1

No. of journals in the cat.: 143

Source of citations: WOS

Citations: 22

Relevant results: Quartil: 1

- 48** Homs, M.; Buti, M.; Quer, J.; Jardí, R.; Schaper, M.; Tabernero, D.; Ortega, I.; Sanchez, A.; Esteban, R.; Rodriguez-Frias, F. Ultra-deep pyrosequencing analysis of the hepatitis B virus preCore region and main catalytic motif of the viral polymerase in the same viral genome. *Nucleic Acids Research*. 39 - 19, (United Kingdom): Oxford University Press, 2011. ISSN 0305-1048

DOI: <https://doi.org/10.1093/nar/gkr451>

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: BIOCHEMISTRY & MOLECULAR BIOLOGY

Impact index in year of publication: 8.03

Journal in the top 25%: Yes

Position of publication: 26

No. of journals in the cat.: 287

Source of citations: WOS

Citations: 123

Relevant results: Quartil: 1

- 49** Fernández-Real, J.M.; Pérez del Pulgar, S.; Luche, E.; Moreno-Navarrete, J.M.; Waget, A.; Serino, M.; Soriano, E.; Sánchez-Pla, A.; Carmona Pontaque, F.; Vendrell, J.; Chacón, M.R.; Ricart, W.; Burcelin, R.; Zorzano, A. CD14 modulates inflammation-driven insulin resistance. *Diabetes*. 60 - 8, pp. 2179 - 2186. (United States of America): American Diabetes Association, 2011. Available on-line at: <<http://diabetes.diabetesjournals.org/lookup/suppl/doi:10.2337/db10-1210/-/DC1>>. ISSN 0012-1797

DOI: <https://doi.org/10.2337/db10-1210>

Type of production: Scientific paper

Format: Journal

Total no. authors: 14

Impact source: ISI

Category: ENDOCRINOLOGY & METABOLISM

Impact index in year of publication: 8.29

Journal in the top 25%: Yes

Position of publication: 6

No. of journals in the cat.: 122

Source of citations: WOS

Citations: 166

Relevant results: Quartil: 1

- 50** Salicrú, M.; Ocaña, J.; Sanchez-Pla, A. Comparison of lists of genes based on functional profiles. *BMC Bioinformatics*. 12, pp. 401 - 413. (United Kingdom): BioMed Central, 2011. Available on-line at: <<http://www.biomedcentral.com/1471-2105/12/401>>. ISSN 1471-2105

Type of production: Scientific paper

Format: Journal

Position of signature: 3

Total no. authors: 3

Impact source: ISI

**Impact index in year of publication:** 2.75**Position of publication:** 57**Impact source:** ISI**Impact index in year of publication:** 2.75**Position of publication:** 32**Impact source:** ISI**Impact index in year of publication:** 2.75**Position of publication:** 7**Source of citations:** WOS**Relevant results:** Quartil: 1**Category:** BIOTECHNOLOGY & APPLIED MICROBIOLOGY**Journal in the top 25%:** No**No. of journals in the cat.:** 158**Category:** BIOCHEMICAL RESEARCH METHODS**Journal in the top 25%:** No**No. of journals in the cat.:** 72**Category:** MATHEMATICAL & COMPUTATIONAL BIOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 46**Citations:** 28

- 51** Ricardo Gonzalo; Alex Sánchez. Introduction to Microarrays Technology and Data Analysis. Data Analysis for Omics Sciences: Methods and Applications. 82, pp. 37 - 69. Amsterdam(Holland): Elsevier, 2019. Available on-line at: <<https://doi.org/10.1016/bs.coac.2018.08.002>>.

Type of production: Book chapter**Format:** Book**Total no. authors:** 2

- 52** Ricardo Gonzalo Sanz; Alex Sánchez-Pla. Statistical Analysis of Microarray Data. Microarray Bioinformatics. London(United Kingdom): Springer Nature, 2019. Available on-line at: <http://10.1007/978-1-4939-9442-7_5>.

Type of production: Book chapter**Format:** Book**Total no. authors:** 2

- 53** Sánchez-Pla, Alex. DNA Microarray Technology: Overview and current status. Fundamentals of Advanced Omics Technologies: From Genes to Metabolites. 63, pp. 1 - 24. Amsterdam(Holland): Elsevier, 2014. ISBN 978-0-444-62651-6

Type of production: Book chapter**Format:** Book**Total no. authors:** 1

- 54** Sánchez-Pla, A.; Ruíz de Villa, M.C. Análisis de datos de microarrays. (Spain): Editorial UOC, 2013.

Legal deposit: B-1.722-2013**Type of production:** Scientific book or monograph**Total no. authors:** 2

- 55** BV Sinn; G von Minckwitz; C Denkert; H Eidtmann; S Darb-Esfahani; A Belau; R Kronenwett; H Holzhausen; K Mehta; S Loibl; M Ignatiadis; SK Singhal; C Desmedt; B Haibe-Kains; C Criscitiello; F Andre; S Loi; M Piccart; S Michiels; C Sotiriou; A Prat; MC Cheang; M Martín; E Carrasco; R Caballero; S Tyldesley; K Gelmon; PS Bernard; TO Nielsen; CM Perou; O Gluz; HH Kreipe; T Degenhardt; M Salem; RE Kates; S Shak; C Svedman; C Liedtke; U Nitz; N Harbeck; T Karn; C Hatzis; WF Symmans; L Pusztai; E Ruckhäberle; M Schmidt; V Müller; U Holtrich; A Rody; M Kaufmann; T Bachelot; J Ferrero; C Cropet; C Bourgier; S Abadie-Lacourtoisie; C Levy; E Legouffe; A Lortholary; E Pujade-Lauraine; I Treilleux; HA Azim; S Michiels; PL Bedard; SK Singhal; C Criscitiello; M Ignatiadis; B Haibe-Kains; M Piccart; C Sotiriou; S Loi; ME Trudeau; LB Pritzker; AM Parissenti; X Wang; M Zhu; B Guo; LE Shepherd; JW Chapman; KPH Pritzker; KO Ahmed; M Allen; J Gomm; J Marshall; JL Jones; L De Mattos-Arruda; J Cortes; A Sánchez-Pla; C Aura; V Ortega; J Jimenez; C Saura; J Tabernero; J Seoane; A Vivancos; R Wuerstlein; M Freudenberger; L Wildenburg; M Ortmann; C Liedtke; O Gluz; R Kates; T Fehm; U Nitz; N Harbeck; M Dowsett; M Procter; E de Azambuja; MJ Scullion; RD Gelber; B Leyland-Jones; RR Tubbs; Z Wang; B Portier; D Fumagalli; D Lambrechts; P Neven; J Vanderhaegen; B Claes; SK Singhal; M Piccart; S Michiels; C Sotiriou; S Loi; I Bozovic; E de Azambuja; S Loi; L Ameye; M Piccart; LWC Chow; WTY Loo; AYS Yip; EYY Ong; W Ng; M Gijzen; P Tang; WY Leung; I Roxanis; A Kong; S Gronowitz; B Nisman; T Allweis; L Kadouri;



B Mali; T Hamburger; T Peretz; P Pronzato; JA Plun-Favreau; J Martinez-Galan; B Torres-Torres; JR Delgado. Mucin-1 protein and mRNA expression in breast cancer patients treated with neoadjuvant chemotherapy. Annals of Oncology. 23 - 2, (Holland): Oxford University Press, 2012. ISSN 0923-7534

Type of production: Others

Format: Journal

Impact source: ISI

Category: ONCOLOGY

Impact index in year of publication: 7.384

Journal in the top 25%: Yes

Position of publication: 18

No. of journals in the cat.: 197

Works submitted to national or international conferences

- 1 Title of the work:** Open Problems and Ongoing Experiences in Data Sharing
Name of the conference: Second European Alliance for Personalised Medicine Congress
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: Milan, Italy
Date of event: 2018
End date: 2018
Organising entity: European Alliance for Personalized Medicine
Type of entity: Medicine (trading sector)
 Alex Sanchez.
- 2 Title of the work:** A heuristic algorithm to select genes potentially regulated by methylation
Name of the conference: XXII International Biometric Conference
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: Barcelona, Spain
Date of event: 2018
End date: 2018
Organising entity: The International Biometric Society
Type of entity: Associations
 Alex Sanchez; Berta Miro; Francesc Carmona; Sarah Bazzoco; Diego Arango del Corro.
- 3 Title of the work:** Biostatistics and Bioinformatics: A promising couple
Name of the conference: Congreso de la Real Sociedad Matemática de España
Type of event: Conference
Type of participation: Participatory - invited/keynote talk
City of event: Saragossa, Spain
Date of event: 2017
End date: 2017
 Guadalupe Gómez Melis; Àlex Sánchez Pla.
- 4 Title of the work:** Integrative analysis of gene lists based on equivalence tests
Name of the conference: XVI Conferencia Española de Biometría (CEB2017)
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Sevilla, Spain
Date of event: 2017
End date: 2017
Organising entity: Sociedad Española de Biometría **Type of entity:** Associations
 Sánchez Pla, Alex; Salicrú, Miquel; Ocaña, Jordi. "Scientific Programme and Abstracts, 72".

- 5** **Title of the work:** An equivalence testing approach for the integrative analysis of multiple gene lists
Name of the conference: International Workshop on Environmental Omics, Integration and Modeling
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Barcelona, Spain
Date of event: 2017
End date: 2017
Organising entity: Institute of Environmental Assessment and Water Research (IDAEA-CSIC)
Sánchez Pla, Alex; Salicrú, Miquel; Ocaña, Jordi. **Type of entity:** State or Central Administration
- 6** **Title of the work:** An equivalence testing approach for the integrative analysis of multiple gene lists
Name of the conference: ISMB-ECCB 2017
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Praga, Czech Republic
Date of event: 2017
End date: 2017
Organising entity: International Society for Computational Biology - ISCB
Sánchez-Pla, Alex; Salicrú, Miquel; Ocaña, Jordi. **Type of entity:** Associations
- 7** **Title of the work:** Integrative analysis to select genes regulated by methylation in a cancer colon study
Name of the conference: XXVIIIth International Biometric Conference
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Victoria, Canada
Date of event: 2016
End date: 2016
Organising entity: The International Biometric Society
Alex Sánchez; M. Carme Ruíz de Villa; Francesc Carmona; Sarah Bazzoco; Diego Arango del Corro. **Type of entity:** Associations
- 8** **Title of the work:** Integrative analysis of transcriptomics and proteomics data for the characterization of brain tissue after ischemic stroke
Name of the conference: XXVIIIth International Biometric Conference
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Victoria, Canada
Date of event: 2016
End date: 2016
Organising entity: The International Biometric Society
Ferran Briansó Castilla; Teresa García-Berrocso; Joan Montaner; Alex Sánchez-Pla. **Type of entity:** Associations
- 9** **Title of the work:** Integrative transcriptomics and proteomics analysis reveals a potential role for serpin3n and s100A4 in the neurodegeneration process during experimental autoimmune encephalomyelitis
Name of the conference: European Congress for Treatment and Research in Multiple Sclerosis
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster



City of event: Londres, United Kingdom

Date of event: 2016

End date: 2016

N Fissolo; B Miró; C Matute-Blanch; S Malhotra; Á Sánchez; S Issazadeh-Navikas; X Montalban; M Comabella. "ECTRIMS Online Library. Fissolo N. Sep 16, 2016; 146819".

- 10** **Title of the work:** Integrative analysis of omics data using functional profiles
Name of the conference: II International Workshop on Proximity Data, Multivariate Analysis and Classification
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: Barcelona (España), Spain
Date of event: 2016
End date: 2016
 Sánchez-Pla A; Salicrú M; Ocaña J."Book of abstracts 25-26".
- 11** **Title of the work:** Integrative analysis to select genes regulated by methylation in a Cancer Colon study
Name of the conference: Biostatnet Workshop on Biomedical Big Data
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: Cerdanyola del Valles, Spain
Date of event: 2015
End date: 2015
Organising entity: Centre de Recerca Matemàtica **Type of entity:** IPFSL - Administration (CRM)
 Alex Sánchez; M. Carme Ruíz de Villa; Francesc Carmona; Sarah Bazzoco; Diego Arango del Corro. "Accepted for publication in CRM extended abstracts".
- 12** **Title of the work:** Application of transcriptomics and proteomics integrative data analyses to the study of brain tissue samples after ischemic stroke
Name of the conference: ECCB 2016: The 15th European Conference on Computational Biology
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: The Hague, Holland
Date of event: 2015
End date: 2015
Organising entity: International Society for Computational Biology - ISCB **Type of entity:** Associations
 Ferran Briansó Castilla; Teresa García-Berrocso; Joan Montaner; Alex Sánchez.
- 13** **Title of the work:** Integrative analysis of transcriptomics and proteomics data for the characterization of brain tissue after ischemic stroke.
Name of the conference: Biostatnet Workshop on Biomedical Big Data
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: Cerdanyola del Valles, Spain
Date of event: 2015
End date: 2015
Organising entity: Centre de Recerca Matemàtica **Type of entity:** IPFSL - Administration (CRM)
 Ferran Briansó Castilla; Teresa García Berrocso; Álex Sánchez Pla. "Accepted for publication in CRM extended abstracts".



- 14** **Title of the work:** A pipeline for the analysis of gene/microRNA expression data from microfluidic cards
Name of the conference: XIIth Spanish Symposium on Bioinformatics
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Sevilla, Spain
Date of event: 2014
End date: 2014
Ferran Briansó Castilla; Alex Sánchez Pla.
- 15** **Title of the work:** Scatterplot clustering for the integrative analysis of expression and methylation data
Name of the conference: Statistical Methods for Omics Data Integration and Analysis 2014
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: Heraklion, Crete, Greece
Date of event: 2014
End date: 2014
Organising entity: STATegra consortium **Type of entity:** European Union Administration
Ruiz de Villa, M.C.; Carmona, F.; Arango del Corro, D.; Bazzoco, S.; Sánchez, A.
- 16** **Title of the work:** Information management at VHIR-UEB using Tiki-CMS
Name of the conference: II Jornades de Consultoria Estadística
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Spain
Date of event: 2013
End date: 2013
Organising entity: Servei d'Estadística Aplicada (UAB) i Universitat de Vic.
Alex Sánchez-Pla.
- 17** **Title of the work:** Statistical Software and Information Technologies
Name of the conference: Jornada estadística a la UOC
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Barcelona, Spain
Date of event: 2013
End date: 2013
Organising entity: UB-UOC
Alex Sánchez-Pla.
- 18** **Title of the work:** Scatterplot clustering to look for patterns of regulation by methylation
Name of the conference: ISMB/ECCB-2013: Intelligent Systems for Molecular Biology & European Conference on Computational Biology
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - poster
City of event: Berlin, Germany
Date of event: 2013
End date: 2013
F. Carmona; M. Carme Ruíz de Villa; Diego Arango del Corro; Álex Sánchez-Pla.

- 19** **Title of the work:** Scatterplot clustering for the integrative analysis of expression and methylation data
Name of the conference: XV Conferencia Española de Biometría
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Ciudad Real, Spain
Date of event: 2013
End date: 2013
Organising entity: Sociedad Española de Biometría **Type of entity:** Associations
M. Carme Ruíz de Villa; Francesc Carmona; Diego Arango del Corro; Josep Lluís Mosquera; Alex Sánchez.
- 20** **Title of the work:** Integrative data analysis approach to find relationships between differentially expressed genes and miRNAs
Name of the conference: XIV Conferencia Española de Biometría
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Ciudad Real, Spain
Date of event: 2013
End date: 2013
Mosquera, J.L.; Garcia, M.; Doll, A.; Sánchez-Pla, A.
- 21** **Title of the work:** Scatterplot clustering for the integrative analysis of expression and methylation data
Name of the conference: 21st Annual International Conference on Intelligent Systems for Molecular Biology and 12th European Conference on Computational Biology
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Berlin, Germany
Date of event: 2013
End date: 2013
Organising entity: International Society for Computational Biology - ISCB **Type of entity:** Associations
Ruiz de Villa, M.C.; Carmona, F.; Arango, D.; Mosquera, J.L.; Sánchez, A.
- 22** **Title of the work:** Scatterplot clustering for the integrative analysis of expression and methylation data
Name of the conference: I Jornada de Bioinformàtica i Biologia Computacional
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Barcelona, Spain
Date of event: 2013
End date: 2013
Organising entity: Societat Catalana de Biologia-IEC **Type of entity:** Local Administration
Ruiz de Villa, M.C.; Carmona, F.; Arango, D.; Sánchez, A.
- 23** **Title of the work:** Analysis of the intratumoral heterogeneity of PIK3CA mutant alleles in breast cancer (BC): Implications for the luminal (LUM) phenotype
Name of the conference: 2012 ASCO Annual Meeting
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Chicago, United States of America
Date of event: 2012
End date: 2012

**Organising entity:** ASCO

Leticia De Mattos-Arruda; Javier Cortes; Claudia Aura; Mafalda Oliveira; Alejandro Navarro; Ginevra Caratu; Alex Sanchez-Pla; Josep Gregori; Cristina Saura; Josep Tabernero; Joan Seoane; Ana Vivancos. "J Clin Oncol 30, 2012".

- 24 Title of the work:** Assessment of the intratumoral heterogeneity in metastatic breast cancer (MBC) through the analysis of the frequency of pik3ca mutant alleles

Name of the conference: IMPAKT Breast Cancer Conference

Type of event: Conference

Geographical area: International

Type of participation: 'Participatory - poster

City of event: Bruseles, Belgium

Date of event: 2012

End date: 2012

Mattos-Arruda, L.; Cortes, J.; Sanchez-Pla, A.; Aura, C.; Ortega, V.; Jiménez, J.; Saura, C.; Tabernero, J.; Seoane, J.; Vivancos, A. "Annals of Oncology".

- 25 Title of the work:** Web 2.0 for R scripts & workflows: Tiki & PluginR

Name of the conference: The R User Conference 2011. August 16-18 2011 University of Warwick

Type of event: Conference

Geographical area: International

Type of participation: Participatory - oral communication

City of event: Coventry, United Kingdom

Date of event: 2011

End date: 2011

de Pedro, X.; Sanchez, A.

- 26 Title of the work:** Using R through a Tiki web interface to implement bioinformatics pipelines

Name of the conference: 19th Annual International Conference on Intelligent Systems for Molecular Biology and 10th European Conference on Computational Biology 2011 (ISMB/ECCB), N36

Type of event: Conference

Geographical area: International

Type of participation: 'Participatory - poster

City of event: Vienna, Austria

Date of event: 2011

End date: 2011

Organising entity: International Society for Computational Biology (ISCB)

De Pedro, X.; Sánchez, A. "URL: <http://posters.f1000.com/P1816>".

- 27 Title of the work:** Multivariate methods for the integration of omics data of different types and different nature

Name of the conference: 4th International Conference of the ERCIM WG on COMPUTING & STATISTICS (ERCIM'11)

Type of event: Conference

Geographical area: International

Type of participation: Participatory - oral communication

City of event: LONDres, United Kingdom

Date of event: 2011

End date: 2011

Sánchez, A.; Reverter, F.; Vegas, E.; Oller, J.M.; Ruíz de Villa, M.C.

Works submitted to national or international seminars, workshops and/or courses

- 1** **Title of the work:** Sustainability models for bioinformatics core facilities in a clinical environment
Name of the event: ONCONET-SUDOE Workshop on Innovative IT for healthcare
Reasons for participation: Speaker
City of event: Madrid, Spain
Date of event: 04/04/2019
End date: 04/04/2019
- 2** **Title of the work:** Open Problems and Ongoing Experiences in Data Sharing
Name of the event: Second European Alliance for Personalized Medicine Congress
Reasons for participation: Speaker
City of event: Milan, Italy
Date of event: 27/11/2018
End date: 27/11/2018
- 3** **Title of the work:** An equivalence test approach to the integrative analysis of gene lists
Name of the event: International Workshop in Environmental Omics Integration & Modeling
Reasons for participation: Speaker
City of event: Barcelona, Spain
Date of event: 20/10/2017
End date: 20/10/2017
- 4** **Title of the work:** Biostatistics and Bioinformatics: A promising couple
Name of the event: Congreso Bienal de la Real Sociedad Matemática Española
Reasons for participation: Speaker
City of event: Zaragoza, Spain
Date of event: 02/02/2017
End date: 02/02/2017
- 5** **Title of the work:** Omics Data Analysis. A needle in a stack of needles
Name of the event: Immunology day (Catalan Immunology Society)
Reasons for participation: Speaker
City of event: Barcelona, Spain
Date of event: 29/05/2015
End date: 29/05/2015
- 6** **Title of the work:** A translational view of Microarray Technology
Name of the event: Joint VHIR-Affymetrix technology update seminar
Reasons for participation: Speaker
City of event: Barcelona, Spain
Date of event: 30/09/2014
End date: 30/09/2014
- 7** **Title of the work:** Statistics and Biomedical Research
Name of the event: IGTP Scientific Seminars
Reasons for participation: Speaker
City of event: Badalona, Spain
Date of event: 14/01/2014



End date: 14/01/2014

- 8 Title of the work:** New Challenges in Bioinformatics: Integrative Analysis of Omics Data
Reasons for participation: Speaker
City of event: MADrid, Spain
Date of event: 08/05/2013
End date: 08/05/2013
- 9 Title of the work:** Integrative Analysis of Omics Data
Name of the event: 'Advancing towards personalized medicine: the role of bioinformatics
Reasons for participation: Speaker
City of event: BARcelona, Spain
Date of event: 24/04/2013
End date: 24/04/2013
- 10 Title of the work:** Multivariate Methods for the Integration of omics data of different types and different nature
Name of the event: Networking on Biostatistics: the BIOSTATNET project (II)
Reasons for participation: Speaker
City of event: Londres, United Kingdom
Date of event: 18/12/2011
End date: 18/12/2011

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

- 1 Committee title:** Scientific Committee
Affiliation entity: Centre de Recerca Matemàtica (CRM)
Start-End date: 08/09/2015 - 27/11/2015
- 2 Committee title:** Tribunal de tesi doctoral (President)
Affiliation entity: Universitat Politècnica de València
Start-End date: 10/11/2014 - 18/12/2014
- 3 Committee title:** Tribunal de tesi doctoral (Secretari)
Affiliation entity: Universitat de Barcelona
Start-End date: 15/10/2011 - 17/01/2012
- 4 Committee title:** Consejo Directivo de la 'Sociedad Española de Biometría'
Affiliation entity: Sociedad Española de Biometría
Start-End date: 01/01/1998 - 31/12/2011
- 5 Committee title:** Comité Organizador
Affiliation entity: Sociedad Española de Biometría
Start-End date: 2011 - 2011

- 6** **Committee title:** Centro de Investigación Biomédica en Red (CIBER)
Affiliation entity: Centro de Investigación Biomédica en Red sobre Fragilidad y Envejecimiento Saludable (CIBERFES)
Start date: 26/01/2018
- 7** **Committee title:** Junta directiva
Affiliation entity: Bioinformatics Barcelona (BIB)
Start date: 26/04/2016

Other achievements

Scientific societies and professional associations

Name of the society: Adscripción al grupo (CIBER) sobre 'Fragilidad y Envejecimiento Saludable'
Affiliation entity: Centro de Investigación Biomédica en Red (CIBER)
Start date: 26/01/2018

Summary of other achievements

- 1** **Description of the achievement:** Research lines: Clinical Data Integration; 03/03/2018 --
Accrediting entity: Vall d'Hebron Institut de Recerca (VHIR)
Conferral date: 03/03/2018
- 2** **Description of the achievement:** Research lines: Anàlisi de dades de metabolòmica i nutrició; 01/01/2015 --
Accrediting entity: Universitat de Barcelona
Conferral date: 01/01/2015
- 3** **Description of the achievement:** Coordination: Coordinador (UB) del Master Interuniversitari UB-UOC de Bioinformàtica i Bioestadística
Accrediting entity: Universitat de Barcelona (UB) i Universitat Oberta de Catalunya (UOC)
Conferral date: 01/01/2015
- 4** **Description of the achievement:** Research lines: Integrative analysis with biological information; 01/01/2011 --
Accrediting entity: Universitat de Barcelona
Conferral date: 01/01/2011
- 5** **Description of the achievement:** Research sections (six-year): Valoració positiva del tram sol·licitat
Accrediting entity: Ministerio de Educación y Ciencia
Conferral date: 01/01/2011
- 6** **Description of the achievement:** Collaboration with Research Centres: Responsable y Coordinador Científico de la Unidad de Estadística y Bioinformática del Instituto de Investigación Biomédica 'Vall d'Hebron Institut de Recerca'.
Accrediting entity: Vall d'Hebron. Institut de Recerca (VHIR)
Conferral date: 12/02/2008



- 7 Description of the achievement:** Research lines: Bioinformatics; 01/01/2001 --
Accrediting entity: Universitat de Barcelona
Conferral date: 01/01/2001
- 8 Description of the achievement:** Research lines: Statistical Bioinformatics; 01/01/1999 --
Accrediting entity: Dep. de Estadística. Universidad de Barcelona.
Conferral date: 01/01/1999
- 9 Description of the achievement:** Technics/Specializations: Métodos estadísticos
- 10 Description of the achievement:** Technics/Specializations: Métodos informáticos
- 11 Description of the achievement:** Technics/Specializations: Computación estadística y simulación
- 12 Description of the achievement:** Technics/Specializations: Métodos Bootstrap
- 13 Description of the achievement:** Technics/Specializations: Bioinformatica
- 14 Description of the achievement:** Technics/Specializations: Microarrays de DNA
- 15 Description of the achievement:** Technics/Specializations: Análisis de datos de Microarrays de DNA
- 16 Description of the achievement:** Technics/Specializations: Analisis de datos de ultrasecuenciación
- 17 Description of the achievement:** CURSOS Y SEMINARIOS IMPARTIDOS 1º Seminario sobre metodología Bootstrap: Fundamentos. Laboratorio de Psicología Matemática, U.A.B.. Mayo 1992. 2º Seminario sobre metodología Bootstrap: Contrastes de hipótesis y aplicaciones al análisis de supervivencia. Laboratorio de Psicología Matemática, U.A.B.. Curso de Programación Orientada a Objetos y sus aplicaciones en Estadística. Impartido por A. Sánchez y J. Ocaña. Marzo-Mayo de 1993. (21 h de duración). Lugar: Departamento de Estadística. Universidad de Barcelona. Curso de Analisis y Diseño Orientada a Objetos. Impartido por A. Sánchez y J. Ocaña. Octubre-Diciembre de 1996. (40 h de duración). Lugar: Departamento de Estadística. Universidad de Barcelona. Curso de técnicas básicas de Investigación de Mercados y Previsión de Ventas. Impartido periódicamente para la institución Fundació EMI, Institut Estudis Empresarials. Barcelona. 1998-2002 (60 h.) Statistical design and analysis of microarray experiments (UPF-Barcelona, 2004) Introduction to microarrays and its applications in plant improvement (Rabat, 2004) Introduction to microarray data analysis (Vic, 2004) Experimental design and data analysis for gene expression experiments (Zaragoza, 2004) Introducción a la Bioinformática (Barcelona, 2002) Introducción al Lenguaje Estadístico R (20-30h) - Barcelona 2006. Diplomatura de Estadística - Barcelona 2007 Institut Català d'Estadística - San Sebastian 2007. Centro de Investigación CEIT - Barcelona 2008. Departamento de Ecología Lenguaje R avanzado (30h) - Barcelona 2007. Departamento de Estadística



- 18 Description of the achievement:** DOCENCIA EN OTRAS UNIVERSIDADES Universitat Oberta de Catalunya (UOC) - Colaborador docente en la asignatura de 'Estadística I' en la licenciatura de 'Administración y Dirección de Empresas' durante el período 2005-2007 - Colaborador docente en el postgrado de Bioinformática en las asignaturas de 'Genómica Computacional' (2007-08) y la asignatura de 'Análisis de Datos de Microarrays (2008-) - Colaborador docente en el postgrado de Bioestadística en las asignaturas de 'Fundamentos de Bioestadística' (2009-) y 'Modelos lineales' (2012-) Universitat de Vic - Colaborador docente para impartir la materia de Analisis de Datos de Microarrays en la licenciatura de Biotecnología (curso 2006-2007) - Colaborador docente para impartir la materia de Analisis de Datos de Microarrays en el Master de Análisis de Datos Omicos (curso 2012-2013)
- 19 Description of the achievement:** CARGOS EN SOCIEDADES CIENTÍFICAS Secretario de la Sociedad Española de Biometría (2004-2007) Vicepresidente de la Sociedad Española de Biometría (2008, 2011) Presidente de la Sociedad Española de Biometría (2009-2010)
- 20 Description of the achievement:** Tutor del programa de doctorado Como secretario del Departamento de Estadística contribuí a la concepción e implantación del actual programa de doctorado Estadística Análisis de Datos y Bioestadística de carácter interdepartamental. En la actualidad imparto docencia y soy tutor en dicho programa
- 21 Description of the achievement:** Secretario del Departamento de Estadística de la Universidad de Barcelona, (1994-1999) bajo la dirección del Dr. Jordi Ocaña.