



David Peris Navarro

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Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

Dr. David Peris earned his Ph.D. in Biotechnology from the University of Valencia in 2012 and has since established himself as an expert in comparative genomics, fungal evolution, bioinformatics, and biotechnological innovation. Currently, he is a Tenured Researcher (Científico Titular) at IATA-CSIC and Principal Investigator at the University of Oslo, where he leads cutting-edge studies on speciation, adaptation, and the evolution of fungi, including yeasts and mushroom-like organisms.

Dr. Peris's research group pioneers the use of bioinformatics to explore fungal evolution and adaptation while developing innovative molecular tools to engineer new strains for sustainable and safe food production. Under his supervision, three Ph.D. students and two postdocs are advancing these efforts.

With research experience spanning five countries (Spain, UK, USA, Norway, Germany), Dr. Peris has contributed to 31 peer-reviewed papers, including journal covers and top-cited articles, and played a key role in 27 research projects. His work has been recognized with numerous awards, including oral and poster prizes, travel grants, and prestigious research funding.

Beyond the lab, Dr. Peris has taught genetics, evolutionary biology, mycology, and synthetic biology, mentoring students at all levels. As president of ECUSA-Midwest (2015–2017), he championed mentoring and outreach programs for Spanish scientists in the USA. At IATA-CSIC, he serves as a member of the Biosecurity Committee.

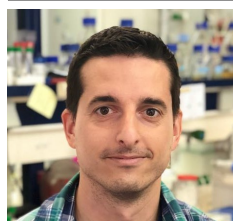
Dr. Peris's innovations are protected by three intellectual property disclosures and two patents. An invited speaker at international conferences, editorial board member, and reviewer for 20 journals, he continues to drive global progress in fungal research and biotechnology.



General quality indicators of scientific research

This section describes briefly the main quality indicators of scientific production (periods of research activity, experience in supervising doctoral theses, total citations, articles in journals of the first quartile, H index...). It also includes other important aspects or peculiarities.

Following The San Francisco Declaration on Research Assessment (DORA), I excluded classical quality indicators.



David Peris Navarro

Surname(s): **Peris Navarro**
Name: **David**
ORCID: **0000-0001-9912-8802**
ScopusID: **55947193700**
ResearcherID: **K-8393-2018**
Contact aut. region/reg.: **Valencian Community**
Personal web page: **linktr.ee/PerisD**

Current professional situation

- 1** **Employing entity:** Instituto de Agroquímica y Tecnología de Alimentos (CSIC)
Professional category: Tenured Researcher (Científico Titular)
Start date: 11/06/2024
Type of contract: Civil servant **Dedication regime:** Full time
- 2** **Employing entity:** University of Oslo **Type of entity:** University
Department: Centre for Ecological and Evolutionary Synthesis
Professional category: Principal investigator (5% position <80h/y)
Start date: 01/12/2021
Type of contract: Permanent employment **Dedication regime:** Part time contract
Primary (UNESCO code): 240903 - Population genetics
Secondary (UNESCO code): 240902 - Genetic engineering; 330992 - Biochemistry and microbiology of the fermentation processes
Tertiary (UNESCO code): 240902 - Genetic engineering

Previous positions and activities

	Employing entity	Professional category	Start date
1	Instituto de Agroquímica y Tecnología de Alimentos	Distinguished Researcher	30/07/2022
2	Instituto de Agroquímica y Tecnología de Alimentos (CSIC)	Paternity & milkfeeding leave: twins (187 days)	09/09/2022
3	Universidad Internacional de Valencia	Senior Researcher	04/03/2021
4	University of Oslo	Postdoctoral Research Associate	01/12/2019
5	Instituto de Agroquímica y Tecnología de Alimentos (CSIC)	Marie Skłodowska-Curie Postdoctoral Fellow	01/09/2017
6	University of Wisconsin-Madison	Postdoctoral Research Associate	10/11/2012
7	Cavanilles Institute of Biodiversity and Evolutionary Biology - University of Valencia	Predoctoral Fellow - FPI	01/09/2007
8		Undergraduate Researcher	2006

	Employing entity	Professional category	Start date
	Cavanilles Institute of Biodiversity and Evolutionary Biology - University of Valencia		

- Employing entity:** Instituto de Agroquímica y Tecnología de Alimentos
Professional category: Distinguished Researcher
Start-End date: 30/07/2022 - 10/06/2024
Duration: 1 year - 10 months - 12 days
Type of entity: State agency
- Employing entity:** Instituto de Agroquímica y Tecnología de Alimentos (CSIC)
Professional category: Paternity & milkfeeding leave: twins (187 days)
Start-End date: 09/09/2022 - 01/06/2023
Duration: 187 days
- Employing entity:** Universidad Internacional de Valencia
Professional category: Senior Researcher
Start-End date: 04/03/2021 - 14/03/2022
Duration: 1 year - 10 days
Type of entity: University
- Employing entity:** University of Oslo
Professional category: Postdoctoral Research Associate
Start-End date: 01/12/2019 - 30/11/2021
Duration: 1 year - 11 months - 29 days
Type of entity: University
- Employing entity:** Instituto de Agroquímica y Tecnología de Alimentos (CSIC)
Department: Food Biotechnology
Professional category: Marie Skłodowska-Curie Postdoctoral Fellow
Start-End date: 01/09/2017 - 26/11/2019
Duration: 2 years
Type of contract: Grant-assisted student (pre or post-doctoral, others)
- Employing entity:** University of Wisconsin-Madison
Professional category: Postdoctoral Research Associate
Start-End date: 10/11/2012 - 08/08/2017
Duration: 4 years - 9 months
Type of entity: University
- Employing entity:** Cavanilles Institute of Biodiversity and Evolutionary Biology - University of Valencia
Professional category: Predoctoral Fellow - FPI
Start-End date: 01/09/2007 - 29/10/2012
Duration: 5 years - 1 month - 1 day
- Employing entity:** Cavanilles Institute of Biodiversity and Evolutionary Biology - University of Valencia
Professional category: Undergraduate Researcher
Start-End date: 2006 - 09/2007
Duration: 1 year
Type of entity: University

Education

University education

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

- 1** **University degree:** Higher degree
Name of qualification: Bachelor (B.Sc.) in Biochemistry
Degree awarding entity: University of Valencia
Date of qualification: 24/06/2009
- 2** **University degree:** Higher degree
Name of qualification: Master Sciences (M.Sc) in Molecular Biology, Cellular and Genetics
Degree awarding entity: University of Valencia
Date of qualification: 22/05/2009
- 3** **University degree:** Higher degree
Name of qualification: Bachelor (B.Sc.) in Biology
Degree awarding entity: University of Valencia
Date of qualification: 10/05/2006

Doctorates

Doctorate programme: Biotechnology
Degree awarding entity: University of Valencia
City degree awarding entity: Valencian Community, Spain
Date of degree: 26/10/2012
Thesis title: Genome characterization of natural *Saccharomyces* hybrids of biotechnological interest
Thesis director: Eladio Barrio Esparducer
Obtained qualification: Sobresaliente cum laude
Recognition of quality: Yes

Specialised, lifelong, technical, professional and refresher training (other than formal academic and healthcare studies)

- 1** **Training title:** Formación Psicoemocional Proyecto #BIEM CSIC 360
Awarding entity: ASPY **Type of entity:** Business
End date: 2024
- 2** **Training title:** Recurso Preventivo en Salidas de Campo. Actividades terrestres
Awarding entity: CSIC **Type of entity:** Public Research Body
End date: 2024



- 3** **Training title:** Trabajos de campo en el entorno terrestre: Prevención y control en los centros del CSIC
Awarding entity: CSIC **Type of entity:** Public Research Body
End date: 2023
- 4** **Training title:** Machine Learning and Big Data for Bioinformatics
Awarding entity: AbiertaUGR **Type of entity:** University
End date: 2022
- 5** **Training title:** Making editorial decisions
Awarding entity: BMC **Type of entity:** Business
End date: 2022
- 6** **Training title:** Bioinformatics for environmental DNA sequencing
Awarding entity: ForBio-UiO/IBV
End date: 2021
- 7** **Training title:** Data Scientist: Python AND Machine Learning
Awarding entity: Datacamp **Type of entity:** Business
End date: 2021
- 8** **Training title:** HPC and NIRD Toolkit user
Awarding entity: Sigma2 NRIS **Type of entity:** R&D Centre
End date: 2021
- 9** **Training title:** Learn Bioinformatics from home
Awarding entity: BioinfoGP
End date: 2020
- 10** **Training title:** Phylogenomics and Population Genomics: Inference and Applications
Awarding entity: University of Barcelona
End date: 2019
- 11** **Training title:** The Data Science Specialization
Awarding entity: Coursera **Type of entity:** Innovation and Technology Centres
End date: 2015
- 12** **Training title:** Data Analysis for Genomics
Awarding entity: University of Wisconsin-Madison **Type of entity:** University
End date: 2014
- 13** **Training title:** Introduction to Next-Gen. Sequence Analysis
Awarding entity: University of Wisconsin-Madison **Type of entity:** University
End date: 2013
- 14** **Training title:** Introduction to sequence analysis: next generation sequencing
Awarding entity: Polytechnic University of Valencia
End date: 2011



- 15 Training title:** Informatics for life sciences: Unix and Python
Awarding entity: Polytechnic University of Valencia **Type of entity:** University
End date: 2010

Attended advanced, improvement and innovative teacher training and new technology courses and seminars focused on improving teaching

- 1 Title of course/seminar:** Aprendizaje cooperativo en contextos de formación online
Organising entity: International University of Valencia **Type of entity:** University
Faculty, institute or centre: Health Sciences
Duration in hours: 1 hour
Start-End date: 2021 - 2021
- 2 Title of course/seminar:** Formación básica en el manejo de un aula virtual
Organising entity: International University of Valencia **Type of entity:** University
Faculty, institute or centre: Health Sciences
Duration in hours: 6 hours
Start-End date: 2021 - 2021

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
Catalan	C1	C1	C1	C1	C1
Spanish	C1	C1	C1	C1	C1
English	C1	C1	C1	C1	C1

Teaching experience

General teaching experience

- 1 Name of the course:** Biodiversitat de fongs i les seues aplicacions industrials
University degree: Col.legi Sagrada Família - Outreach
End date: 09/06/2023
Entity: Cole.legi Sagrada Família, Manises (València), Spain
- 2 Name of the course:** Biodiversitat de fongs i les seues aplicacions industrials
University degree: IES La Sènia - Outreach
End date: 10/05/2023
Entity: IES La Sènia, Paiporta (València), Spain
- 3 Name of the course:** Biodiversitat de fongs i les seues aplicacions industrials
University degree: IES La Sènia - Outreach
End date: 02/05/2023
Entity: IES La Sènia, Paiporta (València), Spain



- 4** **Name of the course:** Biodiversitat de fongs i les seues aplicacions industrials
University degree: IES Andreu Alfaro - Outreach
End date: 19/04/2023
Entity: IES Andreu Alfaro, Paiporta (València), Spain
- 5** **Name of the course:** Wild yeasts and their domestication for brewing applications
University degree: Carlsberg Researchers - Invited talk
End date: 10/03/2023
Entity: Carlsberg Group, Denmark
- 6** **Name of the course:** Las levaduras: los genios invisibles del pan, el vino y la cerveza
University degree: Cursos Complutense Verano El Escorial
Start date: 26/07/2022 **End date:** 28/07/2022
Entity: FUNDACION GENERAL DE LA UNIVERSIDAD COMPLUTENSE DE MADRID
- 7** **Name of the course:** Microbiología y Biotecnología Enológica
University degree: Master - Ingeniería en Enología y Viticultura
End date: 29/06/2021
Entity: Universidad Privada San Juan Bautista, Perú
City of entity: Ican, Peru
- 8** **University degree:** Stockholm University Researchers - Outreach
End date: 2021
Entity: Stockholm University, Sweden
- 9** **University degree:** IES Riu Túria de Quart de Poblet Students - Outreach
End date: 2020
Entity: IES Riu Túria de Quart de Poblet (València), Spain
- 10** **Name of the course:** The fungal kingdom
University degree: Master - BIO4260 Evolution and systematics of organismal groups
End date: 2020
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 0,1
Entity: University of Oslo, Norway
City of entity: Oslo, Norway
- 11** **University degree:** General Public - Outreach - Podcast
End date: 2019
Entity: FungiTown
- 12** **University degree:** General Public - Outreach - Interview
End date: 2019
Entity: Horizon Magazine
- 13** **Name of the course:** Microorganismos y Alimentos
University degree: General Public - Outreach
End date: 2019
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 6
Entity: Expociencia, Paterna(València), Spain

- 14** **Name of the course:** Project Talk
University degree: IATA-CSIC Researchers - Outreach
End date: 2019
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 1
Entity: IATA-CSIC, Paterna (València), Spain
- 15** **University degree:** General Public - Outreach - Interview
End date: 2019
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 1
Entity: ApuntDirecte
- 16** **University degree:** University of Oslo Researchers - Outreach
End date: 2019
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 1
Entity: University of Oslo, Norway
- 17** **Name of the course:** Climatic Change
University degree: General Public - Outreach
End date: 2018
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 2
Entity: Auditori Paiporta (València), Spain
- 18** **Name of the course:** Microorganismos y Alimentos
University degree: General Public - Outreach
End date: 2018
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 6
Entity: Expociència, Paterna(València), Spain
- 19** **Name of the course:** Molecular Mechanisms and Processes
University degree: 2nd Grade Biology Degree
End date: 2017
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 0,1
Entity: University of Valencia, Burjassot (València), Spain
- 20** **Name of the course:** Project Talk
University degree: IATA-CSIC Researchers - Outreach
End date: 2017
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 1
Entity: IATA-CSIC
- 21** **Type of teaching:** Unofficial teaching
Name of the course: Wisconsin Science Festival
Type of programme: Cursos y Seminarios Impartidos



University degree: General Public - Outreach
End date: 2016
Entity: Discovery Building, Madison (WI), USA

22 **Type of teaching:** Unofficial teaching
Name of the course: Wisconsin Science Festival
Type of programme: Cursos y Seminarios Impartidos
University degree: General Public - Outreach
End date: 2014
Entity: Discovery Building, Madison (WI), USA

23 **Type of teaching:** Unofficial teaching
Name of the course: Evolution Seminar Series
Type of programme: Cursos y Seminarios Impartidos
University degree: Undergrad students of evolution
End date: 2013
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 0,2
Entity: JF Crow Institute, Madison (WI), USA

24 **Type of teaching:** Official teaching
Name of the course: Tree of Life
Type of programme: Bachelor's degree
Type of subject: Obligatory
University degree: Bachelor in Biology
Start date: 01/09/2009
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 5
Entity: University of Valencia, Burjassot (València), Spain
Department: Department of Genetics
City of entity: Valencian Community, Spain

Type of teaching: Practical work (classroom-problems)

End date: 01/09/2011

25 **Type of teaching:** Official teaching
Name of the course: Genetics
Type of programme: Bachelor's degree
Type of subject: Obligatory
University degree: Bachelor in Biology
Start date: 01/09/2009
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 5,7
Entity: University of Valencia, Burjassot (València), Spain
Department: Department of Genetics
City of entity: Valencian Community, Spain

Type of teaching: Laboratory work

End date: 01/07/2011

Experience supervising doctoral thesis and/or final year projects

- 1** **Project title:** Master - Generación de híbridos interespecíficos de *Saccharomyces* y su caracterización fenotípica
Entity: Universitat de València
Student: María Bonet Aparici
Date of reading: 16/09/2024
- 2** **Project title:** Summer Research Project (Grade) - Biodiversity of Yeasts in Oslo
Entity: University of Oslo
Student: Kathleen Theresia Helleland
Date of reading: 10/10/2023
- 3** **Project title:** Summer Research Project (Grade) - Biodiversity of Yeasts in Oslo
Entity: University of Oslo
Student: Marianna Khodabandehlou
Date of reading: 10/10/2023
- 4** **Project title:** PhD - Fungi contain multitudes: Tempo and modes of evolution in the purplepore bracket fungus *Trichaptum*
Entity: University of Oslo
Student: Dabao Sun Lu
Date of reading: 19/06/2023
Type of entity: University
- 5** **Project title:** Summer Research Project (Grade) - Biodiversity of Yeasts in Oslo
Entity: University of Oslo
Student: Elise Nygård
Date of reading: 10/10/2022
- 6** **Project title:** Summer Research Project (Grade) - Biodiversity of Yeasts in Oslo
Entity: University of Oslo
Student: Nora Helene Borg
Date of reading: 10/10/2022
Type of entity: University
- 7** **Project title:** Master - Ancient introgression between highly divergent fungal sister species
Entity: University of Oslo
Student: Vilde Bruhn Kinneberg
Date of reading: 27/08/2021
Type of entity: University
- 8** **Project title:** Master - Investigating local adaptation in the wood-decay fungus *Trichaptum abietinum* through common garden experiments and population genomics
Entity: University of Oslo
Student: Ine-Susanne Hopland Methlie
Date of reading: 01/06/2021
Type of entity: University
- 9** **Project title:** Master - Influencia del genoma mitocondrial en el fenotipo de híbridos interespecíficos durante condiciones industriales
Type of project: Master thesis
Entity: Universitat de València
Student: Lainy Jaimary Ramírez Aroca
Type of entity: University



Date of reading: 2019

- 10** **Project title:** Grade - Mining diversity in *Saccharomyces* genus for biofuel improvement
Type of project: Graduate final work
Co-director of thesis: Chris T Hittinger
Entity: University of Wisconsin-Madison
Student: Ryan V Moriarty
Date of reading: 2015
- 11** **Project title:** PhD - Highthroughput phenotyping of yeasts of industrial interest
Entity: IATA-CSIC
Student: Hiring candidates
- 12** **Project title:** PhD - Large-scale fungal genomic characterization of interest in the production of healthy, safe and sustainable food products.
Entity: IATA-CSIC
Student: Alejandro Aguilar Díaz
- 13** **Project title:** PhD - Population genomics of a poroid crust fungi
Entity: University of Oslo
Student: Ingvild Myhre Ekeberg
Type of entity: University

Courses and seminars given

- 1** **Type of event:** Seminar
Name of the event: Characterization of yeast polyploids and their applications
Organising entity: I2SysBio
Hours of teaching: 1
Teaching date: 2024
Type of entity: R&D Centre
- 2** **Type of event:** Seminar
Name of the event: Hongos y aplicaciones industriales
Organising entity: IES Requena
Hours of teaching: 1
Teaching date: 2024
- 3** **Type of event:** Seminar
Name of the event: Introduction to High Computing Performance (HPC)
Organising entity: Institute of Agrochemistry and Food Technology
Hours of teaching: 1
Teaching date: 2024
Type of entity: R&D Centre
- 4** **Type of event:** Seminar
Name of the event: Levaduras y vino y otras aplicaciones
Organising entity: IES Requena
Hours of teaching: 1
Teaching date: 2024



- 5** **Type of event:** Course
Name of the event: Genomic characterization of yeast polyploids
Organising entity: Sociedad Española de Genética **Type of entity:** Associations and Groups
Hours of teaching: 1
Teaching date: 2024
- 6** **Type of event:** Course
Name of the event: Introduction to fungal biodiversity and industrial applications
Organising entity: XXVII Curso de Iniciación a la Investigación a la Microbiología (Julio Rodríguez Villanueva) - University of Valencia **Type of entity:** University
Hours of teaching: 1
Teaching date: 2024
- 7** **Name of the event:** Microorganismos en productos fermentados: Capítulo I - La Cerveza lager
Organising entity: Universitat de València **Type of entity:** University
Teaching date: 2024

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:** RCN 324253: PloidYeast - Effects of polyploidization during adaptive evolution in yeasts.
Entity where project took place: University of Oslo
City of entity: Oslo, Norway
Name principal investigator (PI, Co-PI....): David Peris
Funding entity or bodies: Research Council of Norway **Type of entity:** State agency
Name of the programme: Researcher Project for Scientific Renewal
Start-End date: 01/12/2021 - 30/11/2026
Total amount: 1.146.448,66 €
- 2** **Name of the project:** CIDEAGENT/2021/039: Sacchar2Omics - Saccharomyces como modelo de estudio de los mecanismos de especiación / Saccharomyces as a model for speciation mechanisms
Entity where project took place: Institute of Agrochemistry and Food Technology - CSIC **Type of entity:** State agency
City of entity: Valencia, Valencian Community, Spain
Name principal investigator (PI, Co-PI....): David Peris
Nº of researchers: 1
Funding entity or bodies: Generalitat Valenciana **Type of entity:** Plan GenT
Name of the programme: Plan GenT CIDEAGENT
Start-End date: 30/07/2022 - 30/06/2026
Total amount: 680.000 €

- 3** **Name of the project:** Ayudas a la estabilización de Científicos Titulares
Entity where project took place: Instituto de Agroquímica y Tecnología de Alimentos
City of entity: Paterna, Valencian Community, Spain
Nº of researchers: 1
Funding entity or bodies: Consejo Superior de Investigaciones Científicas
Type of entity: State agency
Start-End date: 2024 - 2025
Total amount: 5.000 €
- 4** **Name of the project:** Distintivo FUNDS CoG 2024
Entity where project took place: Instituto de Agroquímica y Tecnología de Alimentos
City of entity: Paterna, Spain
Nº of researchers: 1
Funding entity or bodies: CSIC
Type of entity: State agency
Start-End date: 2024 - 2025
Total amount: 5.000 €
- 5** **Name of the project:** CIAPE2023/31 - HybridizeME.SC - Effects of hybridization during adaptative evolution at single cell (SC) resolution
Entity where project took place: Instituto de Agroquímica y Tecnología de Alimentos
City of entity: Paterna, Valencian Community, Spain
Nº of researchers: 1
Funding entity or bodies: Generalitat Valenciana
Type of entity: Conselleria d'Educació, Universitats i Ocupació
Start-End date: 01/07/2024 - 31/12/2024
Total amount: 9.000 €
- 6** **Name of the project:** Genomics of speciation: dissecting mechanisms of reproductive barriers in fungi
Entity where project took place: University of Oslo
City of entity: Oslo, Norway
Name principal investigator (PI, Co-PI....): Inger Skrede
Nº of researchers: 3
Funding entity or bodies: Research Council of Norway
Type of entity: State agency
Name of the programme: FRIMEDBIO
Start-End date: 2019 - 2021
- 7** **Name of the project:** Anàlisi de seqüenciació de RNA utilitzant dades de NGS
Entity where project took place: University of Valencia
City of entity: Valencia, Spain
Name principal investigator (PI, Co-PI....): David Peris
Nº of researchers: 4
Funding entity or bodies:

RES-Tirant

Type of entity: University**Name of the programme:** Supercomputació de la Universitat de València**Start-End date:** 2018 - 2021

- 8 Name of the project:** Transcriptional and post-transcriptional regulation of metabolic processes that depend on copper and iron availability in yeasts and plants

Entity where project took place: Instituto de Agroquímica y Tecnología de Alimentos**Type of entity:** State agency**City of entity:** Paterna, Spain**Name principal investigator (PI, Co-PI....):** Sergi Puig**Funding entity or bodies:**

Spanish Ministry of Economy and Competitiveness

Type of entity: State agency**Start-End date:** 2018 - 2020

- 9 Name of the project:** MITOGRESSION: Generating yeast biodiversity by mitochondrial introgression for wine innovation

Entity where project took place: Instituto de Agroquímica y Tecnología de Alimentos**Type of entity:** State agency**City of entity:** Paterna, Valencian Community, Spain**Name principal investigator (PI, Co-PI....):** David Peris**Nº of researchers:** 1**Funding entity or bodies:**

EU H2020

Name of the programme: Marie Skłodowska Curie Actions IF-R1**Start-End date:** 01/09/2017 - 10/2019**Total amount:** 170.121,6 €

- 10 Name of the project:** Characterization of yeasts in Norway

Type of project: Basic research (including archaeological digs, etc)**Entity where project took place:** UiO:Life Sciences**Name principal investigator (PI, Co-PI....):** Sara Orellana Muñoz; David Peris**Nº of researchers:** 2**Funding entity or bodies:**CENTRO DE ACUSTICA APLICADA Y
EVALUACION NO DESTRUCTIVA**Type of entity:** Associations and Groups**Start date:** 2023**Duration:** 2022 years - 2 months**Total amount:** 12.410 €

- 11 Name of the project:** Swedish VR 780713-3421: Adapting to a Warmer World: Leveraging Model Microbes, Experimental Evolution, and Comparative Genomics

Entity where project took place: University of Stockholm**Name principal investigator (PI, Co-PI....):** David Peris; Rike Stelkens**Nº of researchers:** 3**Funding entity or bodies:**

Swedish Research Council

Type of entity: Public Research Body**Start date:** 2023



- 12** **Name of the project:** Characterization of the yeast biodiversity from Oslo and Kveik beer
Type of project: Basic research (including archaeological digs, etc)
Entity where project took place: UiO:Life Sciences
Name principal investigator (PI, Co-PI....): Sara Orellana Muñoz; David Peris
Nº of researchers: 2
Funding entity or bodies:
CENTRO DE ACUSTICA APLICADA Y EVALUACION NO DESTRUCTIVA
Type of entity: Associations and Groups
Start date: 2022
Duration: 2022 years - 2 months
Total amount: 12.410 €
- 13** **Name of the project:** PID2021-123184OA: MYSCOSPITALOMICS: Unraveling the hospital mycobiomes associated with the invasive fungal infections and the emergence of antimicrobial resistance
Entity where project took place: IRNAS-CSIC
Name principal investigator (PI, Co-PI....): David Peris; Pedro María Martín
Nº of researchers: 4
Funding entity or bodies:
Agencia Estatal de Investigacion
Start date: 2022
Total amount: 205.700 €
- 14** **Name of the project:** PID2021-126380OB: OPTIWINE: Design of sustainable wine fermentations through innovative approaches based on yeast biodiversity, multi-omics, and model-based optimization.
Entity where project took place: IATA-CSIC
Name principal investigator (PI, Co-PI....): David Peris; Eladio Barrio; Eva Balsa; Amparo Querol
Nº of researchers: 6
Funding entity or bodies:
Agencia Estatal de Investigacion
Type of entity: State agency
Start date: 2022
Total amount: 242.000 €
- 15** **Name of the project:** TED2021-131349B-I00: eCuYeast: Strategies to increase copper resistance and accumulation in yeast species of enological interest
Entity where project took place: IATA-CSIC
Name principal investigator (PI, Co-PI....): David Peris; Sergi Puig
Nº of researchers: 5
Funding entity or bodies:
Agencia Estatal de Investigacio
Type of entity: State agency
Start date: 2022
Total amount: 195.500 €
- 16** **Name of the project:** Caracterització genòmica del reguló del ferro en Saccharomyces
Entity where project took place: University of Valencia
City of entity: Valencia, Spain
Name principal investigator (PI, Co-PI....): David Peris; Raquel Sorribes-Daudén
Nº of researchers: 2
Funding entity or bodies:
RES-Tirant
Type of entity: University
Name of the programme: Supercomputació de la Universitat de València



Start date: 2021

- 17 Name of the project:** Saccharomyces, a yeast model for the study of genomic speciation and biotechnological applications
Entity where project took place: PacBio
Name principal investigator (PI, Co-PI....): Rike Stelkens; Chris T Hittinger; Amparo Querol; David Peris
Nº of researchers: 4
Funding entity or bodies:
PacBio
Start date: 2021
Total amount: 2.651,64 €
- 18 Name of the project:** Potential of yeast hybrids for the production of alcoholic beverages
Entity where project took place: University of Wisconsin, Madison
City of entity: United States of America
Name principal investigator (PI, Co-PI....): Chris Hittinger; James Steele
Nº of researchers: 4
Funding entity or bodies:
Wisconsin Alumni Research Foundation (WARF)
Start date: 2017
- 19 Name of the project:** Yeast utilization as strategy for the production of natural aroma for meat products matured with low levels of nitrites/nitrates
Entity where project took place: Instituto de Agroquímica y Tecnología de Alimentos **Type of entity:** State agency
Name principal investigator (PI, Co-PI....): Carmela Belloch
Nº of researchers: 4
Funding entity or bodies:
Agencia Estatal de Investigación
Name of the programme: Research, Development and Innovation National Program
Start date: 2017
- 20 Name of the project:** The Making of Biodiversity Across the Yeast Subphylum
Entity where project took place: University of Wisconsin, Madison
Name principal investigator (PI, Co-PI....): Antonis Rokas; Cletus Kurtzman; Chris Todd Hittinger
Nº of researchers: 9
Funding entity or bodies:
NSF, National Science Foundation
Code according to the funding entity: DEB1442148
Start date: 2015
Total amount: 1.875.380,94 €
- 21 Name of the project:** High-throughput and high-dimensional biodesign approaches to improve yeast xylose conversion and stress tolerance
Entity where project took place: University of Wisconsin, Madison
Name principal investigator (PI, Co-PI....): Audrey Gasch; Robert Landick; Chris Todd Hittinger
Funding entity or bodies:
U.S. DEPARTMENT OF ENERGY
Code according to the funding entity: BRC WIP#1703



Start date: 2014

22 Name of the project: Saccharomyces diversity applied to biotechnology

Entity where project took place: Illumina Inc

City of entity: Madison, United States of America

Name principal investigator (PI, Co-PI....): David Peris

Nº of researchers: 1

Funding entity or bodies:

Illumina Inc

Name of the programme: Abstract Competition

Start date: 2014

Total amount: 10.000 €

23 Name of the project: Saccharomyces diversity and the rapid evolution of hybrid lager-brewing yeast

Entity where project took place: University of Wisconsin, Madison

Name principal investigator (PI, Co-PI....): Chris Todd Hittinger

Funding entity or bodies:

NSF, National Science Foundation

Code according to the funding entity: DEB1253634

Start date: 2013

24 Name of the project: Screening, engineering, and evolving newly discovered species of Saccharomyces yeast for biofuel potential

Entity where project took place: University of Wisconsin, Madison

Name principal investigator (PI, Co-PI....): Chris Todd Hittinger

Nº of researchers: 3

Funding entity or bodies:

U.S. DEPARTMENT OF ENERGY

Code according to the funding entity: BER DE-FC02-08ER64494

Start date: 2012

25 Name of the project: Molecular basis of physiological properties of non-conventional yeasts from the Saccharomyces genus with biotechnological interest

Entity where project took place: Universitat de València

Name principal investigator (PI, Co-PI....): Eladio Barrio Esparducer

Funding entity or bodies:

Ministerio de Ciencia y Tecnología

Code according to the funding entity: AGL2009-12673-CO2-02

Start date: 2009

Total amount: 120.000 €

26 Name of the project: Growth characterization of winemaking yeast with interest to the industrial sector

Entity where project took place: Universitat de València

Name principal investigator (PI, Co-PI....): Francisco Noé Arroyo López

Funding entity or bodies:

Consellería de Educación de la Generalitat Valenciana

Code according to the funding entity: GV2008-037

Start date: 2008



- 27** **Name of the project:** Genome characterization and comparative genomics of hybrids from *Saccharomyces* genus with biotechnological interest
Entity where project took place: Universitat de València **Type of entity:** University
Name principal investigator (PI, Co-PI....): Eladio Barrio Esparducer
Funding entity or bodies: Ministerio de Ciencia y Tecnología
Code according to the funding entity: AGL2006-12703-CO2-02/ALI
Start date: 2006
Total amount: 89.540 €

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

Name of the project: Wild Lager
Degree of contribution: Researcher
Nº of researchers: 4
Funding entity or bodies: Heineken
Start date: 2017 **Duration:** 1 year

Results

Industrial and intellectual property

- 1** **Title registered industrial property:** Yeast strains with selected or altered mitotypes and methods of making and using the same
Inventors/authors/obtainers: EmilyClare Baker; David Peris Navarro; Chris Todd Hittinger
Entity holder of rights: WARF - Wisconsin Alumni Research Foundation
Nº of application: P180359US02
Country of inscription: United States of America
Date of register: 2020
- 2** **Title registered industrial property:** Synthetic Yeast Cells and Methods of Making and Using the Same
Inventors/authors/obtainers: David Peris Navarro; William G Alexander; Chris T Hittinger
Entity holder of rights: WARF - Wisconsin Alumni Research Foundation
Nº of application: P160107US03
Country of inscription: United States of America
Date of register: 10/03/2018
- 3** **Title registered industrial property:** Marker-free synthetic *Saccharomyces* allotetraploids and the constructs to create them
Inventors/authors/obtainers: Chris Todd Hittinger; William Alexander; David Peris Navarro
Entity holder of rights: WARF - Wisconsin Alumni Research Foundation
Nº of application: P170039US01
Country of inscription: United States of America
Date of register: 16/08/2016



- 4 Title registered industrial property:** New wild strains of *Saccharomyces eubayanus*, the non-*S. cerevisiae* parent of hybrid lager-brewing yeasts
Type of industrial property: Utility model
Inventors/authors/obtainers: Chris Todd Hittinger; David Peris; Ryan Moriarty; Quinn Langdon; Kelly Buh; Kayla Sylvester
Entity holder of rights: WARF - Wisconsin Alumni Research Foundation
Date of register: 2015
Operating aut.region/region: United States of America
- 5 Title registered industrial property:** Wisconsin strains of *Saccharomyces eubayanus*, the cold-adapted parent of the lager-brewing yeast *S. pastorianus* (*S. cerevisiae* x *S. eubayanus*)
Type of industrial property: Utility model
Inventors/authors/obtainers: David Peris; Kayla Sylvester; Chris Todd Hittinger
Entity holder of rights: WARF - Wisconsin Alumni Research Foundation
Country of inscription: United States of America
Date of register: 2013

Scientific and technological activities

Scientific production

Publications, scientific and technical documents

- 1** David Peris; Ryan V Moriarty; William G Alexander; Russell L Wrobel; Chris Todd Hittinger. Synthetic hybrids of six species. *Nature Communications*. 11 - 1, pp. 2085. 2020. ISSN 2041-1723
DOI: 10.1038/s41467-020-15559-4
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 5
Impact source: SCOPUS
Impact index in year of publication: 12.121
Position of publication: 6
Relevant publication: Yes
Format: Journal
Corresponding author: Yes
Category: Multidisciplinary
Journal in the top 25%: Yes
No. of journals in the cat.: 71
- 2** Xueying C Li; David Peris; Chris T Hittinger; Elaine A Sia; Justin C Fay. Mitochondria-encoded genes contribute to the evolution of heat and cold tolerance among *Saccharomyces* species. *Science Advances*. 5 - 1, pp. eaav1848. 2019. ISSN 2375-2548
DOI: 10.1126/sciadv.aav1848
Type of production: Scientific paper
Position of signature: 2
Total no. authors: 5
Impact source: SCOPUS
Impact index in year of publication: 13.116
Position of publication: 4
Relevant publication: Yes
Format: Journal
Corresponding author: No
Category: MULTIDISCIPLINARY SCIENCES
Journal in the top 25%: Yes
No. of journals in the cat.: 64

- 3** David Peris; Ryan V Moriarty; William G Alexander; Emily Baker; Kayla Sylvester; Maria Sardi; Quinn K Langdon; Diego Libkind; Qi-Ming Wang; Feng Y Bai; Jean B Leducq; Guillaume Charron; Christian R Landry; Jose P Sampaio; Paula Gonçalves; Katie E Hyma; Justin C Fay; Trey K Sato; Chris T Hittinger. Hybridization and adaptive evolution of diverse *Saccharomyces* species for cellulosic biofuel production. *Biotechnology for Biofuels*. 10, pp. 78. 2017. ISSN 1754-6834

DOI: 10.1186/s13068-017-0763-7

Type of production: Scientific paper

Format: Journal

Position of signature: 1

Total no. authors: 19

Corresponding author: No

Impact source: ISI

Category: ENERGY & FUELS

Impact index in year of publication: 5.497

Journal in the top 25%: Yes

Position of publication: 16

No. of journals in the cat.: 160

Source of citations: WOS

Citations: 5,5

Relevant publication: Yes

- 4** David Peris; Armando Arias; Sandi Orlic; Carmela Belloch; Laura Pérez-Través; Amparo Querol; Eladio Barrio. Mitochondrial introgression suggests extensive ancestral hybridization events among *Saccharomyces* species. *Molecular Phylogenetics and Evolution*. 108, pp. 49 - 60. 2017. ISSN 1055-7903

DOI: 10.1016/j.ympev.2017.02.008

Type of production: Scientific paper

Format: Journal

Position of signature: 1

Total no. authors: 7

Corresponding author: Yes

Impact source: ISI

Category: GENETICS & HEREDITY

Impact index in year of publication: 4.419

Journal in the top 25%: Yes

Position of publication: 32

No. of journals in the cat.: 167

Source of citations: WOS

Citations: 9

Relevant publication: Yes

- 5** David Peris; Quinn Langdon; Ryan V Moriarty; Kayla Sylvester; Martin Bontrager; Guillaume Charron; Jean-Baptiste Leducq; Christian R Landry; Diego Libkind; Chris T Hittinger. Complex Ancestries of Lager-Brewing Hybrids Were Shaped by Standing Variation in the Wild Yeast *Saccharomyces eubayanus*. *PLOS Genetics*. 12, pp. e1006155. 2016. ISSN 1553-7404

DOI: 10.1371/journal.pgen.1006155

Type of production: Scientific paper

Format: Journal

Position of signature: 1

Total no. authors: 10

Impact source: ISI

Category: Science Edition - GENETICS & HEREDITY

Impact index in year of publication: 6.100

Journal in the top 25%: Yes

Position of publication: 16

No. of journals in the cat.: 167

Source of citations: WOS

Citations: 26

Relevant publication: Yes

- 6** William G Alexander; David Peris; Brandon T Pfannenstiel; Dana A Opulente; Meihua Kuang; Chris Todd Hittinger. Efficient engineering of marker-free synthetic *Saccharomyces* allotetraploids. *909223 - Fungal Genetics and Biology*. 89, pp. 10 - 17. (United States of America): 2016. Available on-line at: <doi:10.1016/j.fgb.2015.11.002>. ISSN 1087-1845

DOI: 10.1016/j.fgb.2015.11.002

Type of production: Scientific paper

Format: Journal

Position of signature: 2

**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 3.072**Position of publication:** 8**Source of citations:** WOS**Relevant publication:** Yes**Category:** Science Edition - MYCOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 30**Citations:** 16

- 7** Emily Baker; Bing Wang; Nicolas Bellora; David Peris; Amanda Hulfachor; Justin Koshalek; Mari Adams; Diego Libkind; Chris Hittinger. The genome sequence of *Saccharomyces eubayanus* and the domestication of lager-brewing yeasts. 900334 - Molecular Biology and Evolution. 32, pp. 2818 - 2831. (United States of America): 2015. Available on-line at: <<http://www.ncbi.nlm.nih.gov/pubmed/26269586>>. ISSN 0737-4038

DOI: 10.1093/molbev/msv168**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 4**Total no. authors:** 9**Impact source:** ISI**Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY**Impact index in year of publication:** 13.649**Journal in the top 25%:** Yes**Position of publication:** 5**No. of journals in the cat.:** 289**Relevant publication:** Yes

- 8** David Peris; Christian Ariel Lopes; Carmela Belloch; Amparo Querol; Eladio Barrio. Comparative genomics among *Saccharomyces cerevisiae* × *Saccharomyces kudriavzevii* natural hybrid strains isolated from wine and beer reveals different origins. 912881 - BMC Genomics. 13, pp. 407. (United Kingdom): 2012. Available on-line at: <[10.1186/1471-2164-13-407](https://doi.org/10.1186/1471-2164-13-407)>. ISSN 1471-2164

DOI: 10.1186/1471-2164-13-407**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 1**Total no. authors:** 5**Impact source:** ISI**Category:** Applied Biotechnology and Microbiology**Impact index in year of publication:** 4.397**Journal in the top 25%:** Yes**Position of publication:** 21**No. of journals in the cat.:** 160**Relevant publication:** Yes

- 9** David Peris; Christian Ariel Lopes; Armando Arias; Eladio Barrio. Reconstruction of the evolutionary history of *Saccharomyces cerevisiae* × *S. kudriavzevii* based on multilocus sequence analysis. 915133 - Plos One. 7 - 9, (United States of America): 2012. Available on-line at: <[10.1371/journal.pone.0045527](https://doi.org/10.1371/journal.pone.0045527)>. ISSN 1932-6203

DOI: 10.1371/journal.pone.0045527**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 1**Total no. authors:** 4**Impact source:** ISI**Category:** Science Edition - MULTIDISCIPLINARY SCIENCES**Impact index in year of publication:** 3.730**Journal in the top 25%:** Yes**Position of publication:** 7**No. of journals in the cat.:** 56**Relevant publication:** Yes

- 10** David Peris; Roberto Pérez-Torrado; Chris T Hittinger; Eladio Barrio; Amparo Querol. On the origins and industrial applications of *Saccharomyces cerevisiae* × *Saccharomyces kudriavzevii* hybrids. Yeast. 35 - 1, pp. 51 - 69. 2018. ISSN 1097-0061

DOI: 10.1002/yea.3283

Type of production: Review

Position of signature: 1

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 1.99

Position of publication: 86

Source of citations: WOS

Relevant publication: Yes

Format: Journal

Corresponding author: Yes

Category: Science Edition - BIOTECHNOLOGY & APPLIED MICROBIOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 160

Citations: 4

- 11** Dabao Sun Lu; David Peris; Jørn-Henrik Sønstebø; Timothy Y James; Loren H. Riesberg; Sundry Maurice; Håvard Kauserud; Mark Ravinet; Inger Skrede. Reticulate evolution and rapid development of reproductive barriers upon secondary contact pose challenges for species delineation in a forest fungus. *Current Biology*. 2024.

Type of production: Scientific paper

Format: Journal

Corresponding author: No

- 12** Vilde Bruhn Kinneberg; Dabao Sun Lu; David Peris; Mark Ravinet; Inger Skrede. Introgression between highly divergent fungal sister species. *Journal of Evolutionary Biology*. 36 - 8, pp. 1133 - 1149. 2023.

Type of production: Scientific paper

Format: Journal

Corresponding author: No

- 13** J Ubbelohde; Kuang; Kominek; K Langdon; Adams; A Koshalek; Beth Hulfachor; A Opulente; J Hall; Hyma; C Fay; Leducq; Charron; R Landry; Libkind; Gonçalves; Gonçalves; Sampaio; Wang; Bai; L Wrobel; Hittinger. Macroevolutionary diversity of traits and genomes in the model yeast genus *Saccharomyces*. *Nature Communications*. 2023.

Type of production: Scientific paper

Format: Journal

Corresponding author: Yes

- 14** Raquel Sorribes Daudén; Tania Jordá; David Peris; María Teresa Martínez Pastor; Sergi Puig. Adaptation of *Saccharomyces* species to high-iron conditions. *International Journal of Molecular Sciences*. 23 - 22, pp. 1 - 20. 2022. ISSN 1422-0067

DOI: 10.3390/ijms232213965

Type of production: Scientific paper

Format: Journal

Position of signature: 3

Total no. authors: 5

Impact source: SCOPUS

Corresponding author: No

Category: BIOCHEMISTRY & MOLECULAR BIOLOGY

- 15** David Peris; Dabao Sun Lu; Vilde B Kinneberg; Ine-Susanne Methlie; Malin S Dahl; Timothy Yong James; Håvard Kauserud; Inger Skrede. Large-scale fungal strain sequencing unravels the molecular diversity in mating loci maintained by long-term balancing selection. *PloS Genetics*. 8, pp. e1010097. 2022. ISSN 1553-7404

DOI: 10.1371/journal.pgen.1010097

Type of production: Scientific paper

Format: Journal

Position of signature: 1

Total no. authors: 8

Impact source: SCOPUS

Impact index in year of publication: 5.174

Position of publication: 26

Source of citations: WOS

Corresponding author: Yes

Category: GENETICS & HEREDITY

Journal in the top 25%: Yes

No. of journals in the cat.: 177



- 16** Devin Bendixsen; David Peris; Rike Stelkens. Patterns of genomics instability in interspecific yeast hybrids with diverse ancestries. *Frontiers in Fungal Biology*. 2, pp. 52. 2021. ISSN 2673-6128
DOI: 10.3389/ffunb.2021.742894
Type of production: Scientific paper **Format:** Journal
Position of signature: 2
Total no. authors: 3 **Corresponding author:** No
Impact source: SCOPUS
- 17** Melisa González Flores; María Eugenia Rodríguez; David Peris; Eladio Barrio; Amparo Querol; Christian Ariel Lopes. Human-associated migration of Holarctic *Saccharomyces uvarum* strains to Patagonia. *Fungal Ecology*. 48, pp. 100990. 2020. ISSN 1754-5048
DOI: 10.1016/j.funeco.2020.100990
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
Impact source: SCOPUS **Category:** Science Edition - ECOLOGY
Impact index in year of publication: 2.656 **Journal in the top 25%:** No
Position of publication: 57 **No. of journals in the cat.:** 168
- 18** Quinn K Langdon; David Peris; Juan Ignacio Eizaguirre; Dana A Ofulente; Kelly V Buh; Kayla Sylvester; Martin Jarzyna; María Eugenia Rodríguez; Christian Ariel Lopes; Diego Libkind; Chris T Hittinger. Postglacial migration shaped the genomic diversity and global distribution of the wild ancestor of lager-brewing hybrids. *Plos Genetics*. 16 - 4, pp. e1008680. 2020. ISSN 1553-7404
DOI: 10.1371/journal.pgen.1008680
Type of production: Scientific paper **Format:** Journal
Position of signature: 2
Total no. authors: 5 **Corresponding author:** No
Impact source: SCOPUS **Category:** GENETICS & HEREDITY
Impact index in year of publication: 5.174 **Journal in the top 25%:** Yes
Position of publication: 26 **No. of journals in the cat.:** 177
- 19** Perea-Sanz Laura; David Peris; Carmela Belloch; Monica Flores. Debaryomyces hansenii metabolism of sulfur amino acids as precursors of volatile compounds of interest in meat products. *Journal of Agricultural and Food Chemistry*. 67 - 33, pp. 9335 - 9343. 2019. ISSN 0021-8561
DOI: 10.1021/acs.jafc.9b03361
Type of production: Scientific paper **Format:** Journal
Position of signature: 2
Total no. authors: 4 **Corresponding author:** No
Impact source: ISI **Category:** FOOD SCIENCE & TECHNOLOGY
Impact index in year of publication: 4.192 **Journal in the top 25%:** Yes
Position of publication: 28 **No. of journals in the cat.:** 135
- 20** Quinn K Langdon; David Peris; EmilyClare P Baker; Dana A Ofulente; Huu-Vang Nguyen; Ursula Bond; Paula Gonçalves; José Paulo Sampaio; Diego Libkind; Chris Todd Hittinger. Fermentation innovation through complex hybridization of wild and domesticated yeasts. *Nature Ecology and Evolution*. 2019. ISSN 2397-334X
DOI: 10.1038/s41559-019-0998-8
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
Impact source: ISI **Category:** ECOLOGY



Impact index in year of publication: 12.541
Position of publication: 2

Journal in the top 25%: Yes
No. of journals in the cat.: 164

- 21** EmilyClare Baker; David Peris; Ryan V Moriarty; Xueying C Li; Justin C Fay; Chris T Hittinger. Mitochondrial DNA and thermal adaptation in industrial and synthetic lager-brewing yeast hybrids. *Science Advances*. 5 - 1, pp. eaav1869. 2019. ISSN 2375-2548

DOI: 10.1126/sciadv.aav1869

Type of production: Scientific paper

Format: Journal

Position of signature: 2

Total no. authors: 6

Corresponding author: No

Impact source: SCOPUS

Category: MULTIDISCIPLINARY SCIENCES

Impact index in year of publication: 13.116

Journal in the top 25%: Yes

Position of publication: 4

No. of journals in the cat.: 64

- 22** Carla Gonçalves; Jennifer Wisecaver; Jacek Kominek; Madalena Salema Oom; María José Leandro; Xinxing Shen; Dana A Oplente; Xiaofan Zhou; David Peris; Cletus P Kurtzman; Chris Todd Hittinger; Antonis Rokas; Paula Gonçalves. Evidence of loss and adaptive reacquisition of alcoholic fermentation in an early derived fructophilic yeast lineage. *eLIFE*. 7, pp. e33034. 2018. ISSN 2050-084X

DOI: 10.7554/eLife.33034

Type of production: Scientific paper

Format: Journal

Position of signature: 9

Total no. authors: 13

Impact source: ISI

Category: BIOLOGY

Impact index in year of publication: 7.725

Journal in the top 25%: Yes

Position of publication: 4

No. of journals in the cat.: 85

Source of citations: WOS

Citations: 2

- 23** Douglas Higgins; Megan K Young; Mary Tremaine; Maria Sardi; Jenna Fletcher; Margaret Agnew; Lisa Liu; Quinn Dickinson; David Peris; Russell L Wrobel; Chris Todd Hittinger; Audrey P Gasch; Steve Singer; Blake A Simmons; Robert Landick; Michael P Thelen; Trey K Sato. Natural variation in multidrug efflux pump SGE1 underlies Ionic Liquid tolerance in yeast. *Genetics*. 201, pp. 219 - 234. 2018. ISSN 0016-6731

DOI: 10.1534/genetics.118.301161

Type of production: Scientific paper

Format: Journal

Position of signature: 9

Total no. authors: 17

Corresponding author: No

Impact source: ISI

Category: Genetics & Heredity

Impact index in year of publication: 4.075

Journal in the top 25%: Yes

Position of publication: 38

No. of journals in the cat.: 171

Source of citations: WOS

Citations: 1

- 24** Juan Ignacio Eizaguirre; David Peris; María Eugenia Rodríguez; Christian Ariel Lopes; Patricio De Los Ríos; Chris Todd Hittinger; Diego Libkind. Phylogeography of the wild Lager-brewing close relative (*Saccharomyces eubayanus*) in Patagonia. *Environmental Microbiology*. 20 - 10, pp. 3732 - 3743. 2018. ISSN 1462-2912

DOI: 10.1111/1462-2920.14375

Type of production: Scientific paper

Format: Journal

Position of signature: 2

Total no. authors: 7

Corresponding author: No

Impact source: ISI

Category: Microbiology

Impact index in year of publication: 4.974

Journal in the top 25%: Yes

**Position of publication:** 21**No. of journals in the cat.:** 125**Source of citations:** WOS**Citations:** 0

- 25** Quinn Langdon; David Peris; Brian Kyle; Chris Todd Hittinger. sppIDer: a tool to identify species and inter-species hybrids and chromosome copy number variants from short-read data. *Molecular Biology and Evolution*. 35 - 11, pp. 2835 - 2849. 2018. ISSN 0737-4038

DOI: 10.1093/molbev/msy166**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 2**Total no. authors:** 4**Corresponding author:** No**Impact source:** ISI**Category:** Evolutionary Biology**Impact index in year of publication:** 10.217**Journal in the top 25%:** Yes**Position of publication:** 2**No. of journals in the cat.:** 49**Source of citations:** WOS**Citations:** 0

- 26** David Peris; Laura Pérez Través; Carmela Belloch; Amparo Querol. Enological characterization of Spanish *Saccharomyces kudriavzevii* strains, one of the closest relatives to the parental strains of winemaking and brewing *S. cerevisiae* x *S. kudriavzevii* hybrids. 908623 - *Food Microbiology*. 53, pp. 31 - 40. (United Kingdom): 2016. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S0740002015001434>>. ISSN 0740-0020

DOI: 10.1016/j.fm.2015.07.010**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 1**Total no. authors:** 4**Impact source:** ISI**Category:** FOOD SCIENCE & TECHNOLOGY**Impact index in year of publication:** 3.759**Journal in the top 25%:** Yes**Position of publication:** 9**No. of journals in the cat.:** 130**Source of citations:** WOS**Citations:** 5

- 27** Sean J McIlwain; David Peris; Maria Sardi; Oleg V Moskvina; Fujie Zhan; Kevin S Myers; Nicholas M Riley; Alyssa Buzzell; Lucas S Parreiras; Irene M Ong; Robert Landick; Joshua J Coon; Audrey P Gasch; Trey K Sato; Chris T Hittinger. Genome sequence and annotation of a stress-tolerant, wild-derived strain of *Saccharomyces cerevisiae* used in biofuels research. G3: Genes/Genomes/Genetics. 6, pp. 1757 - 1766. 2016. ISSN 2160-1836

DOI: 10.1534/g3.116.029389**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 2**Total no. authors:** 15**Impact source:** ISI**Category:** Science Edition - GENETICS & HEREDITY**Impact index in year of publication:** 2.861**Journal in the top 25%:** No**Position of publication:** 71**No. of journals in the cat.:** 167**Source of citations:** WOS**Citations:** 12

- 28** Xiaofang Zhou; David Peris; Jacek Kominek; Cletus P Kurtzman; Chris T Hittinger; Antonis Rokas. in silico Whole Genome & Analyzer (iWGS): a computational pipeline to guide the design and analysis of de novo genome sequencing studies. G3: Genes/Genomes/Genetics. 6, pp. 3655 - 3670. 2016. ISSN 2160-1836

DOI: 10.1534/g3.116.034249**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 2**Total no. authors:** 5

**Impact source:** ISI**Impact index in year of publication:** 2.910**Position of publication:** 71**Category:** Science Edition - GENETICS & HEREDITY**No. of journals in the cat.:** 167

- 29** David Peris; Kayla Sylvester; Diego Libkind; Paula Gonçalves; José Paulo Sampaio; William G Alexander; Chris Todd Hittinger. Population Structure and Reticulate Evolution of *Saccharomyces eubayanus* and Its Lager-Brewing Hybrids. 909049 - Molecular Ecology. 23 - 8, pp. 2031 - 2045. (United States of America): 2014. Available on-line at: <<http://dx.doi.org/10.1111/mec.12702>>. ISSN 0962-1083

DOI: 10.1111/mec.12702**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 1**Total no. authors:** 7**Impact source:** ISI**Category:** ECOLOGY**Impact index in year of publication:** 6.494**Journal in the top 25%:** Yes**Position of publication:** 11**No. of journals in the cat.:** 145

- 30** David Peris; Carmela Belloch; Ksenija Lopandi?; José Manuel Alvarez Pérez; Amparo Querol; Eladio Barrio. The molecular characterization of new types of *Saccharomyces cerevisiae* × *S. kudriavzevii* hybrid yeasts unveils a high genetic diversity. 900476 - Yeast. 29 - 2, pp. 81 - 91. (United Kingdom): 2012. ISSN 1097-0061

DOI: 10.1002/yea.2891**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 1**Total no. authors:** 5**Impact source:** ISI**Category:** Microbiology**Impact index in year of publication:** 1.955**Journal in the top 25%:** No**Position of publication:** 12**No. of journals in the cat.:** 23

- 31** Walid M El-Sharoud; Carmela Belloch; David Peris; Amparo Querol. Molecular identification of yeasts associated with traditional Egyptian dairy products. 901546 - Journal of Food Science. 74 - 7, (United States of America): Wiley, 2009. Available on-line at: <<http://onlinelibrary.wiley.com/doi/10.1111/j.1750-3841.2009.01258.x/abstract>>. ISSN 0022-1147

DOI: 10.1111/j.1750-3841.2009.01258.x**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 3**Total no. authors:** 4**Impact source:** ISI**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY**Impact index in year of publication:** 1.601**Journal in the top 25%:** No**Position of publication:** 34**No. of journals in the cat.:** 118

- 32** Dabao Sun Lu; Ine-Susanne Hopland Methlie; Jørn-Henrik Sønstebo; David Peris; Sundy Maurice; Håvard Kauserud; Inger Skrede. Postglacial history of a widespread forest fungus in Europe: Migration out of multiple refugia followed by admixture. In preparation.

Type of production: Scientific paper**Format:** Journal**Corresponding author:** No

- 33** David Peris. La domesticación de las levaduras cerviceras entendida desde la genética. Revista Alimentaria. 502 - April, pp. 40 - 42. 2019. ISSN 0300-5755

Type of production: Popular science article**Format:** Scientific and technical document or report**Corresponding author:** Yes



- 34** Roberto Pérez-Torrado; David Peris. La biodiversidad de levaduras como fuente de innovación en la industria cervecera. *TecniFood Magazine*. 118, pp. 76 - 78. Techpress, 2018. ISSN 1138-9028
Type of production: Popular science article **Format:** Journal
Corresponding author: Yes
- 35** Diego Libkind; David Peris; Francisco Cubillos; Jacob Steenwyk; Dana Opulente; Quinn Langdon; Nicolas Bellora; Antonis Rokas; Chris T Hittinger. Into the wild: new yeast genomes from natural environments and new tools for their analysis. *FEMS Yeast Research*. 20 - 2, pp. foaa008. 2020.
DOI: 10.1093/femsyr/foaa008
Type of production: Review **Format:** Journal
Position of signature: 2
Total no. authors: 5 **Corresponding author:** No
Impact source: SCOPUS **Category:** MYCOLOGY
Impact index in year of publication: 3.193 **Journal in the top 25%:** No
Position of publication: 8 **No. of journals in the cat.:** 29
- 36** Raquel Sorribes-Daudéna; David Peris; María Teresa Martínez-Pastor; Sergi Puig. Structure, regulation and function of the vacuolar Ccc1/VIT1 transporter family in iron detoxification. *Computational and Structural Biology*. 18, pp. 3712 - 3722. 2020. ISSN 2001-0370
DOI: 10.1016/j.csbj.2020.10.044
Type of production: Review **Format:** Journal
Position of signature: 2
Total no. authors: 4 **Corresponding author:** No
Impact source: SCOPUS **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY
Impact index in year of publication: 6.018 **Journal in the top 25%:** Yes
Position of publication: 43 **No. of journals in the cat.:** 297
Citations: 0

Works submitted to national or international conferences

- 1** **Title of the work:** Effects of gene-flow in the evolution of *Saccharomyces* yeasts
Name of the conference: IX SESBE
Type of event: Conference
Type of participation: 'Participatory - poster
Corresponding author: Yes
City of event: Málaga, Spain
Date of event: 2024
Organising entity: SESBE
Orellana-Muñoz; García-Ríos; Sorribes-Daudén; Vanacloig; Martínez-Pastor; Puig; Peris.
- 2** **Title of the work:** Hospital-mycobiome monitoring to prevent the nosocomial invasive fungal infections
Name of the conference: 12th International Mycological Congress
Type of event: Conference
Type of participation: 'Participatory - poster
Corresponding author: No
City of event: Maastricht, Holland
Date of event: 2024
Organising entity: International Mycological Association

Martin-Sanchez; García-Gutiérrez; Baena Rojas; Ruiz; Hernández-Egido; Ruiz-Gaitán; Kauserud; Peris; Pemán; Cuétara-García; Mellado.

- 3** **Title of the work:** Investigating the history and consequences of secondary contact between divergent populations of *Trichaptum abietinum* in Europe
Name of the conference: 32nd Fungal Genetics
Type of event: Conference
Type of participation: 'Participatory - poster
Corresponding author: No
City of event: California, United States of America
Date of event: 2024
Organising entity: Genetics Society of America
Sun Lu; H Methlie; Vera-Castellanos; Sønstebo; Andersen; Helleland; Peris; Maurice; Kauserud; Skrede.
- 4** **Title of the work:** Pangenome analyses of the mushroom *Trichaptum abietinum* (Hymenochaetales) reveal extensive presence-absence variation
Name of the conference: 12th International Mycological Congress
Type of event: Conference
Type of participation: 'Participatory - poster
Corresponding author: No
City of event: Maastricht, Holland
Date of event: 2024
Organising entity: International Mycological Association
- 5** **Title of the work:** TBD
Name of the conference: 32nd Fungal Genetics
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: No
City of event: California, United States of America
Date of event: 2024
Organising entity: Genetics Society of America (GSA)
Kauserud; Sun Lu; Peris; Skrede.
- 6** **Title of the work:** Domestication of yeast polyploids
Name of the conference: 4º Simposio IBMCP de Jóvenes Investigadores
Type of event: Workshop
Type of participation: Participatory - invited/keynote talk
Corresponding author: Yes
City of event: Valencia, Spain
Date of event: 2024
Organising entity: Instituto de Biología Molecular y **Type of entity:** State agency
Celular de Plantas Eduardo Primo Yúfera
Peris.
- 7** **Title of the work:** Fungal Genomics and Industrial Applications Lab
Name of the conference: Annual meeting CONEXION@GENOMA
Type of event: Workshop
Type of participation: Participatory - oral communication
Corresponding author: Yes
Date of event: 2024

Organising entity: CONCEXION@GENOMA CSIC

- 8** **Title of the work:** Phenotypic characterization of all known yeast lineages of the *Saccharomyces* genus
Name of the conference: Molecular mechanisms in evolution and ecology
Type of event: Workshop
Type of participation: 'Participatory - poster
Corresponding author: Yes
City of event: Heidelberg, Germany
Date of event: 2024
Organising entity: European Molecular Biology Organization
Araque; Aguilar; Pérez; Picazo; García-Ríos; Peris.
- 9** **Title of the work:** RCN PloidYeast and Symposium Introduction
Name of the conference: Symposium "Addressing the effects of polyploidization and their evolutionary implication"
Type of event: Workshop
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Oslo, Norway
Date of event: 2024
Organising entity: Leader of the PloidYeast project
Peris.
- 10** **Title of the work:** ¿Qué es ECUSA? (Roundtable)
Name of the conference: 10th Anniversary Event of the Association of Spanish Scientists in the USA (ECUSA)
Type of event: Anniversary meeting
Type of participation: Participatory - invited/keynote talk
City of event: Madrid, Spain
Date of event: 2024
Organising entity: Fundación Ramón Areces
Type of entity: Foundation
Barragán; Carmen; Pérez Porro; Peris.
- 11** **Title of the work:** Caracterización de linajes de levadura y su potencial fenotípico para su uso en la industria de los alimentos
Name of the conference: XXIX Congreso Sociedad Española de Microbiología
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Burgos, Spain
Date of event: 2023
Organising entity: SOCIEDAD ESPAÑOLA DE MICROBIOLOGIA
Sara Orellana-Muñoz; Chris Todd Hittinger; Amparo Querol; Sergi Puig; David Peris.
- 12** **Title of the work:** Generating a large collection of *Saccharomyces* polyploids to study their adaptation to food-related industrial conditions
Name of the conference: XXIX Congreso Sociedad Española de Microbiología
Type of event: Conference
Type of participation: 'Participatory - poster
Corresponding author: Yes
City of event: Burgos, Spain



Date of event: 2023

Organising entity: SOCIEDAD ESPAÑOLA DE MICROBIOLOGIA

Sara Orellana-Muñoz; Rike Stelkens; Håvard Kauserud; Inger Skrede; David Peris.

- 13 Title of the work:** Mycospitalomics: caracterización del microbioma de ambientes hospitalarios para prevenir las infecciones fúngicas invasivas

Name of the conference: XXIX Congreso Sociedad Española de Microbiología

Type of event: Conference

Type of participation: Participatory - oral communication

Corresponding author: No

City of event: Burgos, Spain

Date of event: 2023

Organising entity: SOCIEDAD ESPAÑOLA DE MICROBIOLOGIA

Laura García-Gutierrez; Belén Baena-Rojas; Maite Ruiz; Emilia Mellado; José Lucio; Alba C Ruiz-Gaitán; Javier Pérmán; María S Cuétara-García; David Peris; Pedro María Martín-Sánchez.

- 14 Title of the work:** Polyploidization: can we predict its evolutionary pathway?

Name of the conference: EMBO Workshop: Predicting Evolution

Type of event: Workshop

Type of participation: Participatory - oral communication

Corresponding author: Yes

City of event: Heidelberg, Germany

Date of event: 2023

Organising entity: European Molecular Biology Organization

Sara Orellana-Muñoz; Lainy Ramírez-Aroca; Amparo Querol; David Peris.

- 15 Title of the work:** Population genomics reveal multiple lineages with leaky intersterility barriers in the widespread forest fungus *Trichaptum abietinum*

Name of the conference: Norwegian Biodiversity Genomics Conference

Type of event: Workshop

Type of participation: Participatory - oral communication

Corresponding author: No

City of event: Oslo, Norway

Date of event: 2023

Organising entity: Norwegian Biodiversity Genomics

Dabao Sun Lu; David Peris; Jørn Henrik Sønstebo; Sundry Maurice; Håvard Kauserud; Mark Ravinet; Inger Skrede.

- 16 Title of the work:** Yeast bioprospecting and genomics for a food circular bioeconomy

Name of the conference: Norwegian Biodiversity Genomics Conference

Type of participation: Participatory - oral communication

Corresponding author: Yes

City of event: Oslo, Norway

Date of event: 2023

Organising entity: Norwegian Biodiversity Genomics

Sara Orellana Muñoz; Nora Borg; Elisa Nygård; Håvard Kauserud; Inger Skrede; David Peris.

- 17 Title of the work:** A high-throughput pipeline for studying the effects of polyploidization during adaptive evolution in yeasts

Name of the conference: VIII Congreso Nacional de Microbiología Industrial y Biotecnología Microbiana

Type of event: Conference

Type of participation: 'Participatory - poster
Corresponding author: Yes
City of event: Valencia, Spain
Date of event: 2022
Organising entity: Spanish Society of Microbiology
Orellana Muñoz; Stelkens; Kauserud; Skrede; Peris.

18 Title of the work: Ancient introgression between highly divergent fungal sister species

Name of the conference: Fungal Genetics 2022
Type of event: Conference
Type of participation: 'Participatory - poster
Corresponding author: No
City of event: Pacific Grove, United States of America
Date of event: 2022
Organising entity: Genetics Society of America
City organizing entity: United States of America
Bruhn Kinneberg; Sun Lu; Peris; Ravinet; Skrede.

19 Title of the work: Deciphering iron resistance in Saccharomyces genus

Name of the conference: VIII Congreso Nacional de Microbiología Industrial y Biotecnología Microbiana
Type of event: Conference
Type of participation: 'Participatory - poster
Corresponding author: No
City of event: Valencia, Spain
Date of event: 2022
Organising entity: Spanish Society of Microbiology
Sorribes Daudén; Miró; Jordá; Romero; Peris; Martínez Pastor; Puig.

20 Title of the work: Long-term balancing selection in a white-root fungi

Name of the conference: VIII Meeting of the Spanish Society for Evolutionary Biology – SESBE 2022
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Vigo, Spain
Date of event: 2022
Organising entity: Sociedad Española de Biología Evolutiva
Type of entity: Associations and Groups

21 Title of the work: Saccharomyces, a yeast genus model for understanding “well-established” metabolic pathways

Name of the conference: VIII Congreso Nacional de Microbiología Industrial y Biotecnología Microbiana
Type of event: Conference
Type of participation: 'Participatory - poster
Corresponding author: Yes
City of event: Valencia, Spain
Date of event: 2022
Organising entity: Spanish Society of Microbiology
Peris; Ubbelohde; Wrobel; Hittinger.



- 22** **Title of the work:** Understanding the nature of the reproductive barriers within the wood decay species *Trichaptum abietinum*
Name of the conference: Fungal Genetics 2022
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: No
City of event: Pacific Grove, United States of America
Date of event: 2022
Organising entity: Genetics Society of America
Sun Lu; Peris; Henrik Sønstebo; Maurice; Kauserud; Ravinet; Skrede.
- 23** **Title of the work:** Understanding the nature of the reproductive barriers within the wood decay species *Trichaptum abietinum*
Name of the conference: Fungal Genetics 2022
Type of event: Conference
Type of participation: Participatory - poster
Corresponding author: No
City of event: Pacific Grove, United States of America
Date of event: 2022
Organising entity: Genetics Society of America
Sun Lu; Peris; Henrik Sønstebo; Maurice; Kauserud; Ravinet; Skrede.
- 24** **Title of the work:** *Saccharomyces*, a yeast genus model for understanding “well-established” metabolic pathways
Name of the conference: X Bioinformatics and Genomics Symposium
Corresponding author: Yes
City of event: Burjassot, Spain
Date of event: 2022
Organising entity: Societat Catalana de Biologia
Peris; Ubbelohde; Wrobel; Hittinger.
- 25** **Title of the work:** Northern hemisphere fungal specimens unravel dynamic and polymorphic nature of mating loci
Name of the conference: SMBE2021
Type of event: Conference
Type of participation: Participatory - poster
Corresponding author: Yes
City of event: Online,
Date of event: 2021
Organising entity: Society of Molecular Biology and Evolution
David Peris; Dabao Sun Lu; Vilde B Kinneberg; Ine-Susanne Methlie; Malin S Dahl; Timothy Yong James; Håvard Kauserud; Inger Skrede. "Poster".
- 26** **Title of the work:** Combining and improving phenotypic traits through the generation of synthetic two- and six-species yeast hybrids
Name of the conference: 15th European Conference on Fungal Genetics
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Rome, Italy
Date of event: 2020

Organising entity: Federation of European Microbiological Societies

David Peris; William G Alexander; Kaitlin Fisher; Ryan V Moriarty; Mira G Basuino; Emily J Ubbelohde; Lainy Ramírez-Aroca; Laura Pérez-Través; Eladio Barrio; Amparo Querol; Russell L Wrobel; Chris T Hittinger. "Book of Abstracts".

27 Title of the work: Population genomics of *Trichaptum abietinum* – a window into fungal speciation

Name of the conference: 15th European Conference on Fungal Genetics

Type of event: Conference

Type of participation: 'Participatory - poster

Corresponding author: No

City of event: Rome, Italy

Date of event: 2020

Organising entity: Federation of European Microbiological Societies

Dabao Sun Lu; Håvard Kauserud; Sundry Maurice; David Peris; Mark Ravinet; Jøn Henrik Sønstebo; Inger Skrede.

28 Title of the work: *Saccharomyces eubayanus* population genomics: wild diversity and contributions to domesticated hybrids

Name of the conference: The Allied Genetics Conference

Type of event: Conference

Type of participation: 'Participatory - poster

Corresponding author: No

City of event: Online, United States of America

Date of event: 2020

Organising entity: Genetics Society of America

Quinn Langdon; David Peris; EmilyClare Baker; Dana Opulente; Juan Eizaguirre; Kelly Buh; Kayla Sylvester; Jarzyna Martin; Diego Libkind; Chris Todd Hittinger.

29 Title of the work: Adaptive Laboratory Evolution (ALE) of allododecaploid *Saccharomyces* six species hybrids

Name of the conference: 7th Physiology of Yeasts and Filamentous Fungi

Type of event: Conference

Type of participation: 'Participatory - poster

Corresponding author: Yes

City of event: Milan, Italy

Date of event: 2019

Organising entity: European Federation of Biotechnology

30 Title of the work: Developing your career with an MSCA IF

Name of the conference: 7th Physiology of Yeasts and Filamentous Fungi

Type of event: Conference

Type of participation: Participatory - invited/keynote talk

Corresponding author: Yes

City of event: Milan, Italy

Date of event: 2019

Organising entity: European Federation of Biotechnology

David Peris.

31 Title of the work: Exploring the diversity of Ccc1/Vit1 vacuolar iron transporter: a view to the *Saccharomyces* genus

Name of the conference: Gordon Conference "Cell Biology of Metals"

Type of event: Conference



Type of participation: 'Participatory - poster

Corresponding author: No

City of event: Castelldefels, Spain

Date of event: 2019

Organising entity: Gordon Research Conferences

Raquel Sorribes-Daudén; Irene Soler-Sáez; Pilar Miró; David Peris; Martínez-Pastor M Teresa; Sergi Puig.

32 Title of the work: Exploring the diversity of Ccc1/Vit1 vacuolar iron transporter: a view to the Saccharomyces genus

Name of the conference: XXIX International Conference on Yeast Genetics and Molecular Biology

Type of event: Conference

Type of participation: 'Participatory - poster

Corresponding author: No

City of event: Goteborg, Sweden

Date of event: 2019

Organising entity: International Commission on Yeasts

Raquel Sorribes-Daudén; Irene Soler-Sáez; Pilar Miró; David Peris; Martínez-Pastor M Teresa; Sergi Puig.

33 Title of the work: Phenotypic diversity through complex ancestries in yeasts

Name of the conference: SMBE 2019

Type of event: Conference

Type of participation: 'Participatory - poster

Corresponding author: Yes

City of event: Manchester, United Kingdom

Date of event: 2019

Organising entity: Society of Molecular Biology and Evolution

David Peris; EmilyClare P Baker; Xueying Li; Meihua C Kuang; Jacek Kominek; Quinn K Langdon; Marie Adams; Justin A Koshalek; Amanda B Hulfachor; Dana A Opulente; Qi-Ming Wang; Feng-Yan Bai; Jean-Baptiste Leducq; Guillaume Charron; Christian Landry; José Paulo Sampaio; Paula Gonçalves; Diego Libkind; Dave Hall; Katie Hyma; Justin C Fay; Chris T Hittinger.

34 Title of the work: Comparative genomics in Saccharomyces yeasts using long read sequencing technologies

Name of the conference: EMBO Comparative Genomics of Eukaryotic Microbes

Type of event: Workshop

Type of participation: 'Participatory - poster

Corresponding author: No

City of event: Sant Feliu de Guixols, Spain

Date of event: 2019

Organising entity: European Molecular Biology Organization

Laura G Macías; David Peris; Alexandre Martos; Chris T Hittinger; Kenneth H Wolfe; Eladio Barrio.

35 Title of the work: Reticulate evolution in yeasts and its industrial applications

Name of the conference: EMBO Comparative Genomics of Eukaryotic Microbes

Type of event: Workshop

Type of participation: Participatory - invited/keynote talk

Corresponding author: Yes

City of event: Sant Feliu de Guixols, Spain

Date of event: 2019

Organising entity: European Molecular Biology Organization

David Peris; Ryan Victoria Moriarty; William G Alexander; Russell Wrobel; Kaitlin Fisher; Lainy Ramírez-Aroca; Laura Pérez-Través; EmilyClaire Baker; Quinn K Langdon; Xueying C Li; Justin C Fay; Dana A Opolente; Huu-Vang Nguyen; Ursula Bond; Paula Gonçalves; José Paulo Sampaio; Diego Libkind; Eladio Barrio; Amparo Querol; Chris T Hittinger.

36 Title of the work: Saccharomyces genus as a model of evolution and industrial applications

Name of the conference: IV Jornadas Conjuntas Valencia-La Rioja

Type of event: Workshop

Type of participation: Participatory - oral communication

Corresponding author: Yes

City of event: Valencia, Spain

Date of event: 2019

Organising entity: Consejo Superior de Investigaciones Científicas
David Peris.

Type of entity: State agency

37 Title of the work: Beyond the pale ale: Insights into temperature tolerance and carbon source evolution through Saccharomyces eubayanus

Name of the conference: Population, Evolutionary, and Quantitative Genetics

Type of event: Conference

Type of participation: Participatory - poster

Corresponding author: No

City of event: Madison, United States of America

Date of event: 2018

Organising entity: Genetics Society of America
Emily Baker; David Peris; Chris Todd Hittinger.

38 Title of the work: Bioinformatic pipelines for studying genomes of yeasts of biotechnological interest

Name of the conference: Bioinformatics@VLC

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Valencia, Valencian Community, Spain

Date of event: 2018

End date: 2018

Organising entity: Centro Investigación Príncipe Felipe
Laura Gutierrez Macías; David Peris; Miguel Morard; María Lairón-Peris; Javier Alonso del Real.

39 Title of the work: From soil to stein; population genomics of wild and domesticated lineages of the Lager-brewing ancestor; Saccharomyces eubayanus

Name of the conference: ISSY34

Type of event: Conference

Type of participation: Participatory - poster

Corresponding author: No

City of event: Bariloche, Argentina

Date of event: 2018

Organising entity: Consejo Nacional de Investigaciones Científicas y Técnicas
Quinn Langdon; David Peris; Kelly Buh; Ryan V Moriarty; Kayla Sylvester; Juan Eizaguirre; Christian Ariel Lopes; Diego Libkind; Chris T Hittinger.

40 Title of the work: From soil to stein; population genomics of wild and domesticated lineages of the Lager-brewing ancestor; Saccharomyces eubayanus

Name of the conference: Population, Evolutionary, and Quantitative Genetics



Type of event: Conference

Type of participation: 'Participatory - poster

Corresponding author: No

City of event: Madison, United States of America

Date of event: 2018

Organising entity: Genetics Society of America

Quinn Langdon; David Peris; Kelly Buh; Ryan V Moriarty; Kayla Sylvester; Juan Eizaguirre; Christian Ariel Lopes; Diego Libkind; Chris Todd Hittinger.

- 41 Title of the work:** Mitochondrial-encoded genes contribute to thermal divergence between *Saccharomyces* species

Name of the conference: Population, Evolutionary, and Quantitative Genetics

Type of event: Conference

Type of participation: 'Participatory - poster

Corresponding author: No

City of event: Madison, United States of America

Date of event: 2018

Organising entity: Genetics Society of America

Xueying C Li; David Peris; Chris Todd Hittinger; Elaine A Sia; Justin C Fay.

- 42 Title of the work:** Reticulate evolution in the *Saccharomyces* genus

Name of the conference: ISSY34

Type of event: Conference

Type of participation: Participatory - Plenary session

Corresponding author: Yes

City of event: Bariloche, Argentina

Date of event: 2018

Organising entity: Consejo Nacional de Investigaciones Científicas y Técnicas

David Peris; Jacek Kominek; Meihua Kuang; Quinn Langdon; Qi Ming Wang; Feng Yan Bai; Christian Landry; José Paulo Sampaio; Paula Gonçalves; Diego Libkind; Justin Fay; Ursula Bond; Chris T Hittinger.

- 43 Title of the work:** iHyPr: a new tool for the generation of synthetic six-species hybrids

Name of the conference: Experimental Approaches to Evolution and Ecology Using Yeast and Other Model Systems

Type of event: Conference

Type of participation: Participatory - oral communication

Corresponding author: Yes

City of event: Heidelberg, Germany

Date of event: 2018

Organising entity: European Molecular Biology Organization

David Peris; Ryan V Moriarty; William G Alexander; Russell Wrobel; Chris T Hittinger.

- 44 Title of the work:** Hibridación como mecanismo para generar nuevas cepas de levaduras industriales

Name of the conference: 6ª Jornadas Sudamericanas de Biología y Biotecnología de levaduras

Type of event: Workshop

Type of participation: Participatory - oral communication

Corresponding author: Yes

City of event: Bariloche, Argentina

Date of event: 2018

Organising entity: Consejo Nacional de Investigaciones Científicas y Técnicas



David Peris; Russell Wrobel; Ryan Moriarty; Emilyclare Baker; William G Alexander; Laura Pérez-Través; Eladio Barrio; Amparo Querol; Chris T Hittinger.

- 45 Title of the work:** Mining *Saccharomyces* diversity and experimental evolution for cellulosic biofuel and beer applications

Name of the conference: ISSY33 - Exploring and Engineering Yeasts for Industrial Application

Type of event: Conference

Type of participation: Participatory - Plenary session

Corresponding author: Yes

City of event: Cork, Ireland

Date of event: 2017

Organising entity: International Commission on Yeasts

David Peris; Ryan V Moriarty; Emily Baker; Quinn K Langdon; William G Alexander; Kayla Sylvester; Maria Sardi; Diego Libkind; Trey K Sato; Chris T Hittinger. "Talk".

- 46 Title of the work:** Mining *Saccharomyces* diversity and experimental evolution for cellulosic biofuel production

Name of the conference: 2n Spanish Scientist in USA Meeting

Type of event: Conference

Type of participation: Participatory - Plenary session

Corresponding author: Yes

City of event: Boston, United States of America

Date of event: 2017

Organising entity: Españoles Científicos en USA (ECUSA)

David Peris; Ryan V Moriarty; Emily Baker; Quinn K Langdon; William G Alexander; Kayla Sylvester; Maria Sardi; Diego Libkind; Trey K Sato; Chris T Hittinger. "Talk".

- 47 Title of the work:** sppIDer: Species Identification and Hybrid Detection with Short-Read Data

Name of the conference: Evolution

Type of event: Conference

Type of participation: Participatory - poster

Corresponding author: No

City of event: Portland, United States of America

Date of event: 2017

Organising entity: American Society of Naturalist

Quinn Langdon; David Peris; Chris Hittinger. "Poster".

- 48 Title of the work:** (Eu)byanus brewing: Insights into the domestication and brewing potential of a lager hybrid parent

Name of the conference: SMBE

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Queensland's Gold Coas, Australia

Date of event: 2016

Organising entity: Society of Molecular Biology and Evolution

Emily C Baker; Bing Wang; Nicolas Bellora; David Peris; Amanda B Hulfachor; Justin A Koshalek; Marie Adams; Diego Libkind; Chris T Hittinger. "Abstract Book".

- 49 Title of the work:** Early branching *Saccharomyces* for understanding the genetics and evolution of an industrially important genus

Name of the conference: TAGC GSA

Type of event: Conference



Type of participation: 'Participatory - poster

City of event: Orlando, FL, United States of America

Date of event: 2016

Organising entity: Genetics Society of America

Emily C Baker; William G Alexander; David Peris; Quinn Langdon; Chris T Hittinger.

- 50 Title of the work:** Mining *Saccharomyces* diversity and experimental evolution for cellulosic biofuel production

Name of the conference: Great Lakes Bioenergy Research Center Retreat

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Gran Geneva, WI, United States of America

Date of event: 2016

Organising entity: Great Lakes Bioenergy Research Center

David Peris; Ryan V Moriarty; William G Alexander; Kayla Sylvester; Maria Sardi; Diego Libkind; Paula Gonçalves; Jose P Sampaio; Qi-Ming Wang; Feng Y Bai; Trey K Sato; Chris T Hittinger.

- 51 Title of the work:** Mining *Saccharomyces* diversity and experimental evolution for cellulosic biofuel production

Name of the conference: TAGC GSA

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Orlando, FL, United States of America

Date of event: 2016

Organising entity: Genetics Society of America

Ryan V Moriarty; David Peris; William G Alexander; Kayla Sylvester; Maria Sardi; Diego Libkind; Paula Gonçalves; Jose P Sampaio; Qi-Ming Wang; Feng Y Bai; Jean-Baptiste Leducq; Christian Landry; Katie Hyma; Justin Fay; Trey K Sato; Chris T Hittinger.

- 52 Title of the work:** *Saccharomyces eubayanus* population dynamics in nature and industry

Name of the conference: TAGC GSA

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Orlando, FL, United States of America

Date of event: 2016

Organising entity: Genetics Society of America

Quinn L Langdon; David Peris; Ryan V Moriarty; Kayla Sylvester; Guillaume Charron; Jean-Baptiste Leducq; Christian R Landry; Diego Libkind; Chris T Hittinger. "Abstract book".

- 53 Title of the work:** Biodiversity, Conservation and Renewable Energies (Roundtable)

Name of the conference: 1st Spanish Scientist in USA Meeting

Type of event: Conference

Type of participation: Participatory - invited/keynote talk

City of event: Georgetown, WA, United States of America

Date of event: 2015

Organising entity: Españoles Científicos en USA (ECUSA)

David Peris; Carlos Sánchez Pachón; Carmen Revenga; Manuel Sánchez Ortega; Pere Estupinyà. "Abstract book".

- 54 Title of the work:** Mining *Saccharomyces* yeast biodiversity and its application to the bioethanol industry

Name of the conference: 1st Spanish Scientist in USA Meeting

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Georgetown, DC, United States of America

Date of event: 2015

Organising entity: Españoles científicos en USA **Type of entity:** Associations and Groups (ECUSA)

David Peris; Ryan Moriarty; Kayla Sylvester; Maria Sardi; William G Alexander; Diego Libkind; Paula Gonçalves; Jose P Sampaio; Lucas Parreiras; Trey Sato; Chris T Hittinger. "Libro de abstracts".

55 Title of the work: Investigating reticulate evolution in the Saccharomyces genus and repeating it for the bioethanol industry

Name of the conference: Midwest Ecology & Evolution Conference 2014

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Dayton, United States of America

Date of event: 2014

Organising entity: University of Dayton

David Peris; Kayla Sylvester; Maria Sardi; William Alexander; Diego Libkind; Paula Gonçalves; José Sampaio; Lucas Parreiras; Trey Sato; Chris Hittinger.

56 Title of the work: Investigating reticulate evolution in the Saccharomyces genus and repeating it for the bioethanol industry

Name of the conference: Yeast Genetics Meeting

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Seattle, WA, United States of America

Date of event: 2014

Organising entity: Genetics Society of America

David Peris; Kayla Sylvester; Maria Sardi; William G Alexander; Diego Libkind; Paula Gonçalves; José Paulo Sampaio; Lucas Parreiras; Trey Sato; Chris Todd Hittinger.

57 Title of the work: Investigating reticulate evolution in the Saccharomyces genus and repeating it for the bioethanol industry

Name of the conference: Yeast Genetics Meeting

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Seattle, WA, United States of America

Date of event: 2014

Organising entity: Genetics Society of America

City organizing entity: Seattle, WA,

David Peris; Kayla Sylvester; Maria Sardi; William G Alexander; Diego Libkind; Paula Gonçalves; José Paulo Sampaio; Lucas Parreiras; Trey Sato; Chris Todd Hittinger.

58 Title of the work: Saccharomyces diversity and its application to the Bioethanol industry

Name of the conference: Great Lakes Bioenergy Research Center (GLBRC) Retreat

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: South Bend, IN, United States of America

Date of event: 2014

Organising entity: Great Lakes Bioenergy Research Center (GLBRC) **Type of entity:** R&D Centre

David Peris.

- 59** **Title of the work:** Construction and characterization of yeast hybrids using newly discovered species with native biofuel potential
Name of the conference: Great Lakes Bioenergy Research Center (GLBRC) Retreat
Type of event: Conference
Type of participation: Participatory - invited/keynote talk
City of event: Lansing, MI, United States of America
Date of event: 2013
Organising entity: Great Lakes Bioenergy Research Center
David Peris; William G Alexander; Kayla Sylvester; Maria Sardi; Lucas Parreiras; Alex La Reau; Yaoping Zhang; Trey Sato; Chris Todd Hittinger.
- 60** **Title of the work:** Construction and characterization of yeast hybrids using newly discovered species with native biofuel potential
Name of the conference: Great Lakes Bioenergy Research Center (GLBRC) Retreat
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: South Bend, IN, United States of America
Date of event: 2013
Organising entity: Great Lakes Bioenergy Research Center
David Peris; William G Alexander; Kayla Sylvester; Maria Sardi; Lucas Parreiras; Alex La Reau; Yaoping Zhang; Trey Sato; Chris Todd Hittinger.
- 61** **Title of the work:** Population structure, admixture, and migration of *Saccharomyces eubayanus* and their lager-brewing allopolyploid hybrids
Name of the conference: Society of Molecular Biology and Evolution
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Chicago, IL, United States of America
Date of event: 2013
Organising entity: Society of Molecular Biology and Evolution (SMBE)
David Peris; Kayla Sylvester; Diego Libkind; Paula Gonçalves; José Paula Sampaio; Chris Todd Hittinger.
- 62** **Title of the work:** Genome characterization and reconstruction of the evolutionary history of *S. cerevisiae* x *S. kudriavzevii* hybrids
Name of the conference: 13th International Congress on Yeasts 2012
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Madison, WI, United States of America
Date of event: 2012
Organising entity: University of Wisconsin
City organizing entity: Madison,
David Peris; Christian Ariel Lopes; Armando Arias; Carmela Belloch; Amparo Querol; Eladio Barrio.
- 63** **Title of the work:** Reconstructing the evolutionary history of *S. cerevisiae* x *S. kudriavzevii* hybrids
Name of the conference: Comparative Genomics of Eukaryotic Microorganisms
Type of event: Workshop
Type of participation: 'Participatory - poster
City of event: San Feliu de Guixols, Spain
Date of event: 2011
Organising entity: European Molecular Biology Organization
David Peris; Christian Ariel Lopes; Armando Arias; Eladio Barrio.



- 64** **Title of the work:** Recombination in the mitochondrial genome of *Saccharomyces* shows historical hybridization events
Name of the conference: Experimental Approaches to Evolution and Ecology using Yeast
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Heidelberg, Germany
Date of event: 2010
Organising entity: European Molecular Biology Laboratory
City organizing entity: Heidelberg,
David Peris; Carmela Belloch; Sandi Orlic; Eladio Barrio.
- 65** **Title of the work:** Two genomes one organism: *Saccharomyces cerevisiae* x *Saccharomyces kudriavzevii* hybrids
Name of the conference: Manchester Molecular and Genome Evolution Symposium
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Manchester, United Kingdom
Date of event: 2010
Organising entity: University of Manchester **Type of entity:** University
City organizing entity: Manchester,
David Peris; Christian Ariel Lopes; Carmela Belloch; Amparo Querol; Eladio Barrio.
- 66** **Title of the work:** Genetic diversity among *S. cerevisiae* and *S. kudriavzevii* hybrid strains from fermentation process.
Name of the conference: International Specialized Symposium on Yeasts 27
Type of event: Conference
Type of participation: Participatory - invited/keynote talk
City of event: Paris, France
Date of event: 2009
Organising entity: Institut Pasteur
City organizing entity: Paris,
Amparo Querol; David Peris; Christian Ariel Lopes; Carmela Belloch; Eladio Barrio.
- 67** **Title of the work:** Comparative genomics of Natural *Saccharomyces cerevisiae* x *S. kudriavzevii* hybrids.
Name of the conference: Comparative genomics of eukaryotic microorganisms
Type of event: Workshop
Type of participation: 'Participatory - poster
City of event: Sant Feliu de Guixols, Spain
Date of event: 2009
Organising entity: European Molecular Biology Organization
City organizing entity: Sant Feliu de Guixols,
David Peris; Christian Ariel Lopes; Carmela Belloch; Eladio Barrio.

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

- 1** **Committee title:** Award Panelist - IV Paiporta Prize
Affiliation entity: Ajuntament de Paiporta
City affiliation entity: Paiporta, Spain
Start-End date: 2022 - 2022
Type of entity: State agency
- 2** **Committee title:** Award Panelist - I Paiporta Prize
Affiliation entity: Ajuntament de Paiporta
City affiliation entity: Paiporta, Spain
Start-End date: 2018 - 2018
Type of entity: State agency
- 3** **Committee title:** Ciencias de la Tierra, Medio Ambiente y Conservación (2nd Encuentro Espanoles Científicos en USA)
Affiliation entity: 11373 - ECUSA - Espanoles Científicos en USA
City affiliation entity: United States of America
Start-End date: 2016 - 2017
- 4** **Committee title:** Spanish Scientists in USA (ECUSA) - Midwest Regional Section (President)
Affiliation entity: 11373 - ECUSA - Españoles Científicos en USA
City affiliation entity: United States of America
Start-End date: 2015 - 2017
- 5** **Committee title:** Thesis Committee - Raquel Sorribes Dauden
Affiliation entity: University of Valencia
City affiliation entity: Valencia, Spain
Start date: 23/02/2024
- 6** **Committee title:** Member of the IATA-CSIC Biosecurity Committee
Affiliation entity: IATA-CSIC
Start date: 2023
- 7** **Committee title:** IATA-CSIC point of contact in Innromeda@Demostradores initiative
Affiliation entity: IATA-CSIC
Start date: 2022

Organization of R&D activities

- 1** **Title of the activity:** Organizer & Chair I Symposium about Addressing the effects of polyploidization and their evolutionary implications
Convening entity: University of Oslo
City convening entity: Oslo, Norway
Start-End date: 25/04/2024 - 28/04/2024
Duration: 3 days



- 2** **Title of the activity:** 34th International Specialised Symposium on Yeast (ISSY34)
Type of activity: Co-Chair
Convening entity: International Commission on Yeasts
City convening entity: Bariloche, Argentina
Start-End date: 10/2017 - 10/2018 **Duration:** 1 year
- 3** **Title of the activity:** ECUSA@Divulga - Wisconsin Science Festival
Type of activity: Outreach **Geographical area:** National
Convening entity: WARF, UW-Madison, Morgridge **Type of entity:** University Centres and Structures and Associated Bodies
City convening entity: Madison, United States of America
Start-End date: 21/10/2016 - 22/10/2016
- 4** **Title of the activity:** ECUSA@Divulga - IceCube: atrapando neutrinos cósmicos en el Polo Sur
Type of activity: Outreach event **Geographical area:** National
Convening entity: ECUSA **Type of entity:** Associations and Groups
City convening entity: Madison, United States of America
Start-End date: 30/04/2016 - 2016
- 5** **Title of the activity:** ECUSA@Workshop - Science Communication
Type of activity: Professional Development and Networking **Geographical area:** National
Convening entity: ECUSA **Type of entity:** Associations and Groups
City convening entity: Madison, United States of America
Start-End date: 30/04/2016 - 2016
- 6** **Title of the activity:** Organizer & Chair Seminar Day "Building Self Driving Labs in Biology"
Type of activity: Seminar
Convening entity: Institute of Agrochemistry and Food Technology
City convening entity: Valencia, Spain
Start date: 15/11/2024
- 7** **Title of the activity:** Chair of CRISPR, Past, Present and Future
Type of activity: Roundtable
Convening entity: SFNO.IENO
City convening entity: Oslo, Norway
Start date: 26/08/2021
- 8** **Title of the activity:** Co-chair of OMG seminar series
Convening entity: Oslo Mycology Group - University of Oslo
Start date: 2020
- 9** **Title of the activity:** Co-chair of the EVOGENE seminars committee
Convening entity: Section of Genetics and Evolutionary Biology - University of Oslo
Start date: 2020
- 10** **Title of the activity:** ECUSA@Round Table - Cómo prepararse para la vida profesional después del Postdoc
Type of activity: Outreach
Convening entity: ECUSA
Start date: 19/11/2016



- 11** **Title of the activity:** ECUSA@Divulga - Reflexiones de un cirujano después de cuarenta años de práctica en el Midwest
Type of activity: Outreach
Convening entity: ECUSA
City convening entity: Chicago
Start date: 08/10/2016
Geographical area: National
Type of entity: Associations and Groups
- 12** **Title of the activity:** ECUSA@Round table - Spanish Scientists in the Midwest: Challenges and Opportunities
Type of activity: Outreach
City of event: United States of America
Convening entity: Spanish Scientists in USA (ECUSA)
City convening entity: Chicago
Type of participation: Organiser
Nº assistants: 50
Start date: 21/11/2015
Duration: 1 day

R&D management

Name of the activity: Search and development of supercomputing data science analysis for IATA-CSIC researchers
Type of management: Group management
Performed tasks: Develop Bioinformatic Pipelines for IATA researchers
Entity: University of Valencia
Type of entity: University
Start date: 2018
Specific tasks: Bioinformatic pipeline developer in HPC

Evaluation and revision of R&D projects and articles

- 1** **Performed tasks:** Journal Reviewer
Entity where activity was carried out: Current Opinion in Genetics and Development
Start date: 2022
- 2** **Performed tasks:** Journal Reviewer
Entity where activity was carried out: G3:Genes|Genomes|Genetics
Start date: 2022
- 3** **Performed tasks:** Journal Reviewer
Entity where activity was carried out: Nature Communications
Start date: 2022
- 4** **Performed tasks:** Editorial Board (manuscripts managed: 3 completed + 2 running)
Entity where activity was carried out: BMC Genomics
Start date: 2021
- 5** **Performed tasks:** Journal Reviewer
Entity where activity was carried out: International Journal of Food Microbiology
Start date: 2021



- 6** **Performed tasks:** Journal Reviewer
Entity where activity was carried out: PloS Genetics
Start date: 2021
- 7** **Performed tasks:** Journal Reviewer
Entity where activity was carried out: BMC Biology
Start date: 2020
- 8** **Performed tasks:** Journal Reviewer
Entity where activity was carried out: Food and Bioproducts Processing
Start date: 2020
- 9** **Performed tasks:** Journal Reviewer
Entity where activity was carried out: Frontiers in Microbiology
Start date: 2020
- 10** **Performed tasks:** Journal Reviewer
Entity where activity was carried out: Fungal Ecology
Start date: 2020
- 11** **Performed tasks:** Project Reviewer
Entity where activity was carried out: Fondo para la investigación Científica y Tecnológica
Start date: 2020
- 12** **Performed tasks:** Reviewer editor for Fungal Genomics and Evolution
Entity where activity was carried out: Frontiers in Fungal Biology
Start date: 2020
- 13** **Performed tasks:** Journal Reviewer
Entity where activity was carried out: Frontiers in Genetics
Start date: 2019
- 14** **Performed tasks:** Journal Reviewer
Entity where activity was carried out: Journal of Applied Microbiology
Start date: 2019
- 15** **Performed tasks:** Journal Reviewer
Entity where activity was carried out: Molecular Biology and Evolution
Start date: 2018
- 16** **Performed tasks:** Journal Reviewer
Entity where activity was carried out: PeerJ
Start date: 2018
- 17** **Performed tasks:** Journal Reviewer
Entity where activity was carried out: Applied Microbiology and Biotechnology
Start date: 2017



- 18** **Performed tasks:** Journal Reviewer
Entity where activity was carried out: Bioresource Technology
Start date: 2017
- 19** **Performed tasks:** Journal Reviewer
Entity where activity was carried out: Plos ONE
Start date: 2017
- 20** **Performed tasks:** Journal Reviewer
Entity where activity was carried out: FEMS Yeast Research
Type of activity: Review of articles in scientific or technological journals
Geographical area: Internacional
Start date: 2016
- 21** **Performed tasks:** Journal Reviewer
Entity where activity was carried out: Environmental Microbiology and Environmental Microbiology Reports
Type of activity: Review of articles in scientific or technological journals
Geographical area: Internacional
Start date: 2014
- 22** **Performed tasks:** Journal Reviewer
Entity where activity was carried out: BMC Genomics
Type of activity: Review of articles in scientific or technological journals
Geographical area: Internacional
Start date: 2012
- 23** **Performed tasks:** Journal Reviewer
Entity where activity was carried out: Yeast
Type of activity: Review of articles in scientific or technological journals
Geographical area: Internacional
Start date: 2011

Other achievements

Stays in public or private R&D centres

- 1** **Entity:** Max Planck Institute for Evolutionary Biology
City of entity: Plön, Germany
Start-End date: 15/11/2021 - 26/11/2021 **Duration:** 14 days
Goals of the stay: Guest
Provable tasks: develop bioinformatic pipelines for the study of COVID) genomic structural variations, subtelomeric regions, transposable elements and centromeres
- 2** **Entity:** The University of Manchester **Type of entity:** University
City of entity: Manchester, United Kingdom
Start-End date: 01/02/2010 - 01/08/2010 **Duration:** 6 months
Goals of the stay: Doctorate
Provable tasks: Yeast proteomics and genetic engineering

Scientific societies and professional associations

- 1** **Name of the society:** Spanish Society of Bioinformatics and Computational Biology (SEBiBC)
Start-End date: 2021 - 2022
- 2** **Name of the society:** Spanske Forskere i Norge (SFNO.IENO)
City affiliation entity: Oslo, Norway
Start-End date: 2020 - 2022
- 3** **Name of the society:** Genetics Society of America (GSA)
Start-End date: 2014 - 2022
- 4** **Name of the society:** Returned Spanish Scientists Professional Network (CRE)
Start-End date: 2017 - 2019
- 5** **Name of the society:** Españoles Científicos en USA (ECUSA)
Start-End date: 2014 - 2017
- 6** **Name of the society:** Catalan Initiative for the Earth Biogenome Project
Start date: 2024
- 7** **Name of the society:** Society for the Protection of Underground Network (SPUN)
Start date: 2024
- 8** **Name of the society:** CONEXIONES@GENOMA
Affiliation entity: CSIC
Start date: 2023
- 9** **Name of the society:** Asociación de Científicos y Científicas del Plan GenT (ACCENT)
City affiliation entity: Valencia, Valencian Community, Spain
Start date: 2022
- 10** **Name of the society:** Red Española de Investigación en Levaduras (REDIL)
Start date: 2022
- 11** **Name of the society:** Sociedad Española de Biología Evolutiva (SESBE)
Start date: 2020
- 12** **Name of the society:** Genomics of Adaptation Network (AdaptNet)
Start date: 2017
- 13** **Name of the society:** Marie Curie Alumni Association (MCAA)
Start date: 2017



14 Name of the society: Sociedad Española de Microbiología (SEM)
Start date: 2013

15 Name of the society: Society for Molecular Biology and Evolution (SMBE)
Start date: 2013

Prizes, mentions and distinctions

Description: I Maria Blasco Award

Awarding entity: Embassy of Spain in Norway and SFNO.IENO

City awarding entity: Oslo, Norway

Conferral date: 2024

Obtained accreditations/recognitions

Description: I3(=R3) Certification

Accrediting entity: Ministry of Universities – General Secretary of Universities

City accrediting entity: Spain

Date of recognition: 2023

Summary of other achievements

1 Description of the achievement: Poster Award

Accrediting entity: UiO:Life Sciences

Conferral date: 2023

2 Description of the achievement: Poster Award in the ECFG15 (15th European Conference on Fungal Genetics)

Accrediting entity: FEMS

City accrediting entity: Rome, Italy

Conferral date: 2020

3 Description of the achievement: Fellowship to attend the Phylogenomics and Population Genomics course

Accrediting entity: AdaptNet

Type of entity: Associations and Groups

Conferral date: 07/2019

4 Description of the achievement: Certified Assistant Professor

Accrediting entity: Agencia Nacional de Evaluación de la Calidad y Acreditación

Type of entity: ANECA

Conferral date: 2019

5 Description of the achievement: Certified Associate Professor

Accrediting entity: Agencia Nacional de Evaluación de la Calidad y Acreditación

Type of entity: ANECA

Conferral date: 2019



- 6** **Description of the achievement:** Certified Professor for Private Universities
Accrediting entity: Agencia Nacional de Evaluación de la Calidad y Acreditación **Type of entity:** ANECA
Conferral date: 2019
- 7** **Description of the achievement:** DeLill Nasser Award for Professional Development in Genetics
Accrediting entity: Genetics Society of America
City accrediting entity: United States of America
Conferral date: 2018
- 8** **Description of the achievement:** EMBO Travel Grant to attend EMBO Workshop: Experimental Approaches to Evolution and Ecology Using Yeast and Other Model Systems
Accrediting entity: European Molecular Biology Organization
Conferral date: 2018
- 9** **Description of the achievement:** Fellowship to attend ISSY34
Accrediting entity: CONICET-IPATEC
City accrediting entity: Bariloche, Argentina
Conferral date: 2018
- 10** **Description of the achievement:** Certified Assistant Professor
Accrediting entity: Agència Valenciana d'Avaluació i Prospectiva **Type of entity:** State agency
City accrediting entity: Valencian Community, Spain
Conferral date: 11/2017
- 11** **Description of the achievement:** Awarded with a Juan de la Cierva 2017
Accrediting entity: Agencia Estatal de Investigación **Type of entity:** State agency
Conferral date: 2017
- 12** **Description of the achievement:** Certified Assistant Professor
Accrediting entity: Catalan University Quality Assurance Agency
City accrediting entity: Spain
Conferral date: 2017
- 13** **Description of the achievement:** International bursary travel award to attend the ISSY33 (33rd International Specialised Symposium on Yeasts)
Accrediting entity: Microbiology Society **Type of entity:** Associations and Groups
City accrediting entity: Ireland
Conferral date: 2017
- 14** **Description of the achievement:** Marie Skłodowska-Curie IF-RI Fellowship
Accrediting entity: European Union H2020
City accrediting entity: Spain
Conferral date: 2017
- 15** **Description of the achievement:** Oral Talk Prize in the ISSY33 (33rd International Specialised Symposium on Yeasts)
Accrediting entity: Microbiology Society **Type of entity:** Associations and Groups
Conferral date: 2017



- 16** **Description of the achievement:** Genetics Society of America travel award to attend The Allied Genetics Conference (TAGC)
Accrediting entity: GSA **Type of entity:** Associations and Groups
City accrediting entity: Orlando, FL, United States of America
Conferral date: 2016
- 17** **Description of the achievement:** Selected as one of the 5 best proposals for InvestiguES MSCA-IF fellowship competition
Accrediting entity: Youth program of Ministry of Employment and Social Security Migratory department of Spanish Government **Type of entity:** State agency
City accrediting entity: Spain
Conferral date: 2016
- 18** **Description of the achievement:** Illumina Abstract Competition Award
Accrediting entity: Illumina Inc. **Type of entity:** Company
City accrediting entity: Madison, United States of America
Conferral date: 2014
- 19** **Description of the achievement:** Young Scientist Meeting Grant
Accrediting entity: European Molecular Biology Organization
Conferral date: 2011
- 20** **Description of the achievement:** Mentoring: 10 undergrads, 3 Master student, 7 PhD candidates, 3 Postdoc, 1 Technician