



# 6<sup>th</sup> JIPI

## Jornada d'Investigadors Predoctorals Interdisciplinària

February 19<sup>th</sup>, 2017. Universitat de Barcelona

*Let's play the science!*

8.30–8.50	Registration
8.50–9.15	Opening
9.15–10.15	Session I - Applied sciences
10.15–10.45	Speed Networking
10.45–11.30	Posters + Coffee Break
11.30–12.30	Session II - Humanities
12.30–13.30	Debate: Let's make research sexy again! Workshop: PhD Labour Nightmares: navigating the legal limbo
13.30–13.40	Awards I, II and morning posters
13.40–15.00	Lunch (not included)
15.00–16.00	Session III - Social sciences
16.00–16.45	Speed Networking II
16.45–17.30	Posters + Coffee Break
17.30–18.30	Session IV - Life sciences
18.30–19.20	Debate II: Keep calm! Mental Health in researchers Workshop II: Women in Research
19.20–19.30	Awards III, IV and afternoon posters
19.30–20.00	Closure
20.00–20.30	Closing cocktail

### Opening

**Dr. Xavier Roigé**

Vicerector of Doctoral studies and research promotion at UB

**Dr. Gabriel Bugada**

Vicerector of Scientific Policies at UPC.

**Sr. Xavier R. Hoffmann**

JIPI Organizing Committee.

### Session I. Sons of Alchemy.

**Applied sciences**

Chairman: Guido Giuntoli

- "Environmental geohistory in mountain areas. Climate and landscape dynamics in La Molina peatbog (Puente Viego, Cantabria)" by **Marc Sánchez Morales**
- "Design and Implementation of wireless nodes for the internet of things" by **Edgar Ripoll Vercellone**
- "Predicting space weather: why is it important and how to do it" by **Nicolas Wijzen**
- "All-oxide photovoltaics by cost-effective chemical routes" by **Pamela Machado, Estel Rueda**
- "The High-Energy Universe: Microquasars" by **Edgar Molina**
- "Soft hybrid bio-robots: at the interface between biology and robotics" by **Rafael Mestre**
- "The gravitational self-force problem" by **Marius Oltean**
- "BIODEGRADABLE PLASTICS USE IN AGRICULTURE, PROS AND CONS" by **Hadaly Serrano**

- “Stellar activity and exoplanets of M dwarfs from CARMENES visible to near-infrared spectroscopy” by **Marina Lafarga Magro**
- “The Spandrels of Ecological Networks” by **Jordi Piñero**

## Speed Networking

Dynamic meeting activity for all the attendees.

## Poster session

Check the contributed posters while you enjoy our delicious coffee break. Do not forget to vote for the best poster in this session!

## Session II. How I Met our Knowledge.

**Humanities**

Chairwoman: María Coto

- “Metamorphosis of a myth: Don Juan and its contemporary rewritings” by **Alessia Faiano**
- “Theorizing the enactment of the penalties, the restoration and the abolition” by **Mina Farhani**
- “Agustín de Salazar y Torres’ contribution to the zarzuela genre in 17th century Spanish theater.” by **Adriana Beltran del Rio**
- “The Cross-Cultural Implications in Global Campaigns Running on Social Media” by **Emanuela Arzeo**
- “The presence of Persian culture in the works of Jorge Luis Borges” by **MITRA FARHANI**
- “Helping future primary teachers to understand what the forces are” by **Angela Garcia - Lladó**
- “Teachers’ Identities, Attitudes and Beliefs in English-Medium Instruction at a Catalan university” by **Balbina Moncada Comas**
- “What means to be a men in today’s world? Nishitani Keiji’s critic to the Cartesian self” by **Amanda Sayonara Fernandes Prazeres**
- “Birth plans as exercise of autonomy and informed consent rights” by **Marta Busquets Gallego**
- “Reading skills and vocabulary development as a result of a study abroad experience” by **Judith Borràs**

## Debate: Let’s make research sexy again!

Moderator: Marc Montalà, Tobias Hoffmann, Javier Cristín

Invited speakers:

**Marina Hervás (Cultural Resuena)** Postdoc in Berlin and she holds a Phd Philosophy (2017). She writes usually culture reviews and runs her own cultural project, the magazine Cultural Resuena.

**Alexandre Dauphin (Pint of Science)** Postdoc in ICFO and he holds a PhD in Quantum Physics (2015). He is coordinator of the Pint of Science Barcelona, an organization that aims to offer divulgative talks about science suitable for all audiences.

## Workshop: PhD Labour Nightmares: navigating the legal limbo

Moderator: Lucía Villamañán, Ismael Benito

Invited speakers:

**Observatori del Sistema Universitari** Permanent platform that promotes critical research, analysis, debate and discussion about the public university, in order to provide documentation about university policies.

**Institute for Employment Studies** Based on UAB, promotes and spreads reasearch about employment in all areas, and its repercussion in several context of human life.

**D-Recerca** PhD-Candidates association of Catalonia. Aims to fight for a better research and working conditions for Predoctoral Researchers.

## Awards I, II and morning posters

Awards presented by **Dra. Núria Salán** from the Catalan Society of Technology.

## Session III. Better Call Social.

### Social sciences

Chairman: Xavier R. Hoffmann

- *“Design of a framework for the development of online research-based teacher education programmes”* by **Angelos Konstantinidis**
- *“Evaluating the impact of air quality policies in Barcelona”* by **Daniel Rodriguez Rey**
- *“Does the empirical evidence support domain general learning mechanisms in first language acquisition?”* by **JINGTAO ZHU**
- *“European Luxury Fashion Brand Advertising & Marketing Relating to Nostalgia: A focus on Dolce & Gabbana adverts with a comparison to Italian cinema after World War II”* by **Pelin Ok**
- *““Who should be the leader?” Infants’ representation of leadership roles”* by **Jesús Bas**
- *“Simulating crowds without crowds”* by **Beatriz Cabrero Daniel**
- *“Inequalities in Global Health Inequalities Research (1966-2015)”* by **Lucinda Cash-Gibson**
- *“Critique of Economic Policy”* by **Carlos Ezquerro**
- *“Value network analysis in the music industry: An ecosystem case study approach”* by **Ricardo Álvarez**
- *“Cultural Competence in healthcare: A new required competence in response to the multiculturalism societies”* by **Laia Raigal Aran**

## Speed Networking II

Dynamic meeting activity for all the attendees.

## Poster session

Check the contributed posters while you enjoy our delicious coffee break. Do not forget to vote for the best poster in this session!

## Session IV. Big Little Lives.

### Life sciences

Chairwoman: Lucía Villamañán

- *“Genetic predisposition to breast and ovarian cancers: searching for new pathogenic mutations in deep intronic regions of BRCA1 and BRCA2 genes by massive parallel sequencing”* by **Gemma Montalban**
- *“From Physics to Biology: Random walkers in structured environments”* by **Gorka Muñoz-Gil**
- *“When our eyes cry for help, we need someone who listens!”* by **Martina Pesaresi**
- *“Development of dual vaccines against HPV and HIV”* by **Yoshiki Eto, Chun-Wei Chen**
- *“THE RHYTHMIC STRUCTURE OF MUSIC: ISOCHRONY, BEAT AND METER IN THE HUMAN BRAIN AND RATS’ PERCEPTION”* by **Alexandre Celma-Miralles**
- *“From mathematical models of single neurons to behavior”* by **Joao Barbosa, Genis Prat**
- *“The cilium: the cell’s antenna”* by **Aitor Mòdol Cano**
- *“Blattella germanica: life cycle and metamorphosis”* by **Alba Ventos-Alfonso, Ariadna Pedraza-Mensa, Orathai Kamsoi**
- *“Panax Ginseng intake improves post-prandial lipid metabolism in recreational athletes”* by **CRISTIAN DIDIER HERNANDEZ GARCIA**

## Debate II: Keep calm!: Mental Health in researchers

Moderator: Carles Riera, Estefanía Estevez, María Coto.

Invited speakers:

- Núria Suñé** PhD candidate in Psychology of Education at UAB and URL (Blanquerna). Team member of SINTE-LEST & IDENTITES. Founder and director of Centre Future: Psychology, coaching, and training ([www.centrefuture.com](http://www.centrefuture.com)).
- Nello Lampo** PhD candidate at ICFO. He is also part in ConCiencias Barcelona, a political collective that analyses how to build an alternative to hegemonic scientific research and makes a criticism of it.
- Robert Sewell** Staff Academic Scientist and the Coordinator of Academic Programs at the Institute of Photonic Sciences (ICFO) in Barcelona. He is also Co-Director of the Master of Multidisciplinary Research in Experimental Sciences.

## Workshop II: Women in Research

Moderator: Ismael Benito y María Coto

Invited speakers:

- Sònia Estradè** PhD in Nanoscience at University of Barcelona. She is a member part in Equality Commission of the Faculty of Physics of the UB, and of AMIT-Cataluña.

## Awards III, IV and afternoon posters

Awards presented by **Dr. Oriol Iborra** from the Catalan Society of Biology.

## Closure

- Dr. Xavier Roigé** Vicerector of Doctoral studies and research promotion at UB.  
**Dr. Robert Sewell** Coordinator of Academic Programs at ICFO.  
**Dr. Robert Castelo** Coordinator of PhD in Biomedicine at UPF.  
**Dr. M. Victòria Nogués** Academic Secretary of UAB Doctoral School.  
**Sra. Lucia Vilamañán** JIPI organizing committee.

**Organizing committee:** Ismael Benito, Jesús Bonilla, María Coto, Javier Cristin, Estefanía Estevez, Guido Giuntoli, Lluís Hernández, Tobias Hoffmann, Xavier Hoffmann, Alejandro Martín, Marc Montalà, Ignacio Morer, Daniel Pacheco, Carles Riera, Xavier Viader, and Lucía Vilamañán.

With the support of:

