

The logo features a green, stylized microorganism with internal gears and a small gear icon to its left.

iGEM 2018 Spanish Meet Up

Barcelona Biomedicine Research Park (PRBB), Barcelona

August 18th to 20th

Team Presentations

Research Lectures by: Prof. Marc Güell, Prof. David Comas, Prof.

Jordi García-Ojalvo and Phd. Núria Conde.



| Day and time | Event |
|---------------------------------|---|
| Saturday 18th | Team day |
| 12.00 | Registration |
| 13.00 | Welcome by organizers & Participants introductions and ice-breakers |
| 14.00 | Lunch |
| 15.30 | Workshop by: Madrid-OLM, Building an iGEM guide |
| 17.00 | Team introductions: Elevator pitch |
| 18.00 | Beach Volley Mini-Tournament |
| 20.00 | Dinner |
| 21.30 | Visit to Gràcia Streets (local festivity) |
| Sunday 19th | Project day |
| 9.00 | Breakfast |
| 10.00 | Team presentations |
| 11.30 | Coffee Break |
| 12.00 | Team presentations |
| 14.00 | Lunch |
| 15.30 | Team presentations |
| 17.00 | Tour around the city |
| 20.00 | Picnic in the Bunkers / Parc Güell |
| Monday 20th | Lecture day |
| 9.00 | Breakfast |
| 10.00 | Lecture #1: Opening by Prof. David Comas |
| 10.50 | Break |
| 11.00 | Lecture #2 by Prof. Marc Güell |
| 11.50 | Break |
| 12.00 | Lecture #3 by Prof. Jordi García-Ojalvo |
| 13.00 | Lunch |
| 14.30 | Lecture #4 PhD Núria Conde |
| 16.00 | Closing ceremony & Group Photo |
| 17.00 | Optional activities |

Prof. David Comas

Director of the Experimental Health Sciences Department (DCEXS-UPF) and Head of the Human Genome Diversity Group from Institut de Biologia Evolutiva (IBE, CSIC-UPF). The interests of their research are focused on the human genome diversity analysis in order to infer the (genomic and population) processes responsible for this diversity and try to establish the (population and epidemiological) consequences of the human genetic variability. Thus, their main research lines are focused on aspects of human genome diversity, population genetics, genome variation and disease susceptibility, and genome evolution and disease.

Prof. Marc Güell

Head of the Translational Synthetic Biology group. They work on re-engineering biology to create new systems to enable more efficient and secure modification of the human genome and metagenome, and to accelerate the evolution of synthetic systems to create new biological functions. They work specifically in Mammalian genome editing and gene therapy; and human microbiome engineering.

Prof. Jordi García-Ojalvo

Head of the Dynamical Systems Biology lab. The phenomena that this group studies includes synchronization, noise-induced phenomena, pattern formation, excitability, and limit-cycle behavior, among others. The living systems whose behavior they examine includes bacteria, stem cells, the immune system, and the brain. In these systems they explore processes such as gene regulation, intra- and inter-cellular signaling, cortical oscillations, and information processing.

PhD. Núria Conde

Post-doctoral researcher at the Complex Systems Lab, led by Ricard Solé. Her group is an interdisciplinary team that explores the evolution of complex systems, both natural and artificial, searching for common laws of organization. Also, she is one of the founder members of the DIYBioBcn, the first biohacking group of Spain.

Other details:

Arrival time and date:

The registering will start on Saturday noon (12 pm). We suggest you arrive by that time to the PRBB for the correct development of the activities.

Reaching the PRBB: Carrer Doctor Aiguader 88, 08003 Barcelona

You can reach it by

Bus: V21, V27, D20

Metro: L4 (yellow line)

Instructions for Elevator Pitch:

Since in iGEM is important to have a project that can be explained and understood in less than 2 minutes. We propose you to explain your project in less than 2 minutes in **English**. + Questions

Instructions for presentation:

The presentation will last for 30 minutes in **English** + questions. This presentation and the feedback after it will help us to practice for the presentation in the Giant Jamboree.

Breakfast, lunch & dinner:

Breakfast and coffee breaks included.

Lunch and dinner, each team can do what they prefer. We will suggest a place to go together.

Do not forget to bring:

Sunscreen, volleyball clothes, flip flops, towel.

For more information:

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Instagram/Twitter @igemBarcelona