

# SchoolDay ESHG Congress, Barcelona 2016



## SchoolDay ESHG Congress, 20<sup>th</sup> – 21<sup>st</sup> May, BARCELONA

- As part of the ESHG Conference held in Barcelona (49<sup>th</sup> edition), the Education Committee of Spanish Society of Human Genetics (AEGH) will offer a satellite event as an opportunity for high school students to share the expertise of human geneticists.
- Students will learn about genetic diseases, different diagnostic techniques, inheritance in families, forensic genetic and genomics in the future.
- The speakers and genetic staff will be available to provide information on careers in Genetics and laboratory science. The main objective is to promote students motivation and make them aware of the new developments in Human Genetics.
- BOOK: [comrecursospedagogicos@aegh.es](mailto:comrecursospedagogicos@aegh.es) (Limited free places).





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### Places



#### ■ COSMOCAXA

Cosmocaixa Museum offers interactive, enjoyable science and an open door for anyone who is eager to learn and understand why things are the way they are. CosmoCaixa offers a scientific and educational programme that includes exhibitions, workshops, conferences, courses and debates involving experts from all over the world.

C/ Isaac Newton, 26, Barcelona, Spain



#### ■ CCIB (International Convention Center Barcelona)

Plaza de Willy Brandt 11-14, Barcelona, Spain

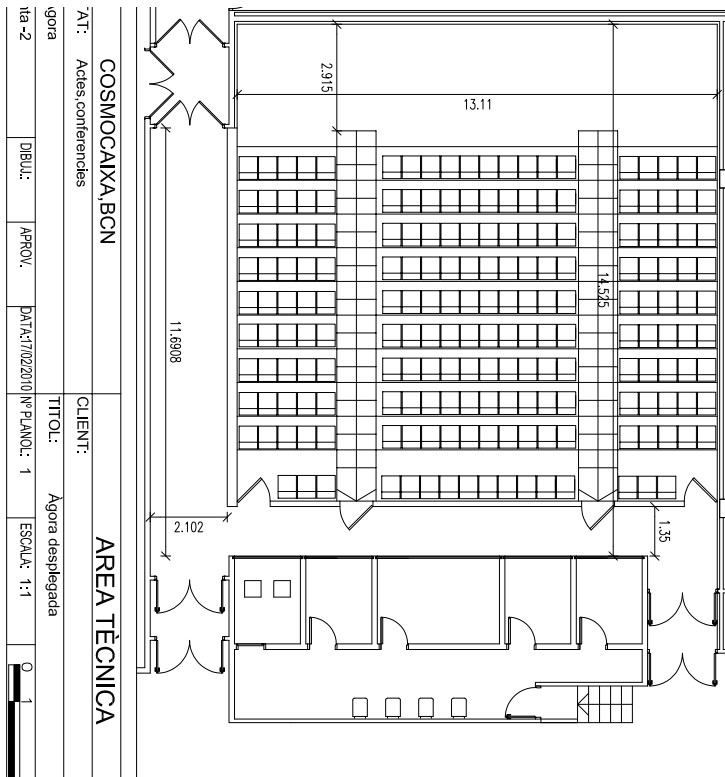


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Friday 20<sup>th</sup> May, COSMOCAIXA

## Auditorium



## CONFERENCE

- **15:00–15:05h. Introduction to the European Society of Human Genetics.** Feliciano Ramos, MD PhD. President of ESHG.
- **15:05–15:10h. Introduction and Welcome to School Day.** Juan C. Cigudosa, PhD. President of AEGH.
- **15:10–15:50h. LECTURE: Genetics in Art, History and in our times.** Teresa Perucho, MSc. Training Committee of AEGH.

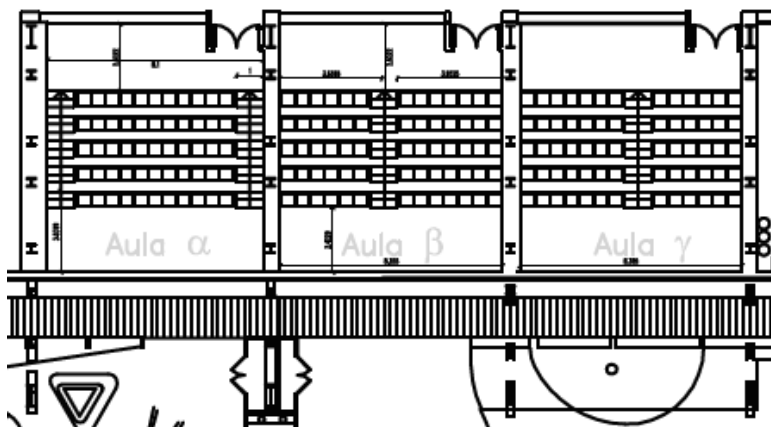


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Friday 20<sup>th</sup> May, COSMOCAIXA

## Laboratories



## WORKSHOPS

- 16:00 – 17:00h. **Workshops**  
(3 rotative workshops)
- 17:00 – 17:30h. **Coffe break**
- 17:30 – 18:30h. **Workshops**  
(3 rotative workshops)
- 18:30 – 19:30h. **Workshops**  
(3 rotative workshops)
- 19:30 – 20:00h. **Visit to COSMOCAIXA Museum**



Friday 20<sup>th</sup> May, COSMOCAIXA

## WORKSHOPS

### ■ **WORKSHOP 1: CYTOGENETICS AND PRENATAL DIAGNOSIS** – Cristina González, PhD

- Will I have a healthy baby? Present and future of prenatal diagnosis. (15 min.)
- Cytogenetic Workshop: Learning the human karyotype. (30-45 min.)

### ■ **WORKSHOP 2: GENETIC COUNSELLING** – Ignacio Blanco, PhD

- Family history and genetic diseases. (15 min.)
- Genetic counselling and ethic workshop. (30-45 min.)

### ■ **WORKSHOP 3: FORENSIC GENETICS** – Teresa Perucho, MSc

- Forensic Genetics. Myths and legends: Do not believe everything you see in the TV series. (15 min.)
- Forensic Workshop: Solving a crime with the help of DNA. (30-45 min.)



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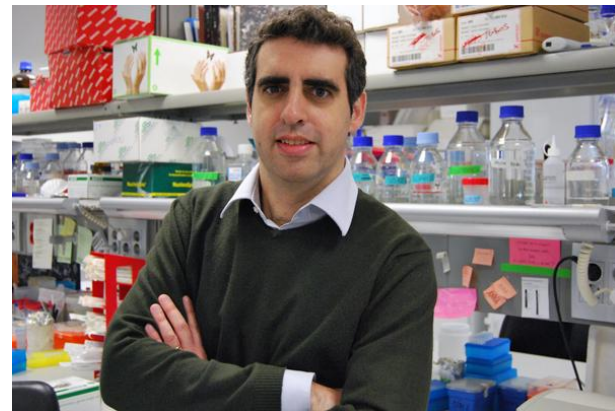
Saturday 21<sup>th</sup> May, COSMOCAIXA

Science Museum



CONFERENCE

- **12:00 – 13:00h. GENETICS IN THE FUTURE.**  
Epigenetics: Is there anything else beyond Mendel and Darwin?. Manel Esteller, PhD





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Saturday 21<sup>th</sup> May, CCIB (International Convention Center Barcelona)

## CCIB - Barcelona



## WORKSHOPS

- **14:00–14:15h. EUROPEAN HUMAN GENETICS CONFERENCE:** A new experience where the students will learn what it's like to work in the field of Human Genetics with the experts attending the Conference .
- **14:15–16:00h. Visiting poster exhibition** with explanations by authors. The students will learn about cutting-edge genetic diagnostic techniques.
- **16:00h. Closure.**

