

SchoolDay ESHG Congress, Barcelona 2016



SchoolDay ESHG Congress, 20th – 21st May, BARCELONA

- As part of the ESHG Conference held in Barcelona (49th 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: tpelayo@fundaciolacaixa.org; comrecursospedagogicos@aegh.es (Limited free places).



SchoolDay ESHG Congress, Barcelona 2016



SchoolDay ESHG Congress, 20th – 21st May, BARCELONA

Places



■ COSMOCAIXA

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

SchoolDay ESHG Congress, Barcelona 2016



Friday 20th May, COSMOCAIXA

Auditorium



CONFERENCE

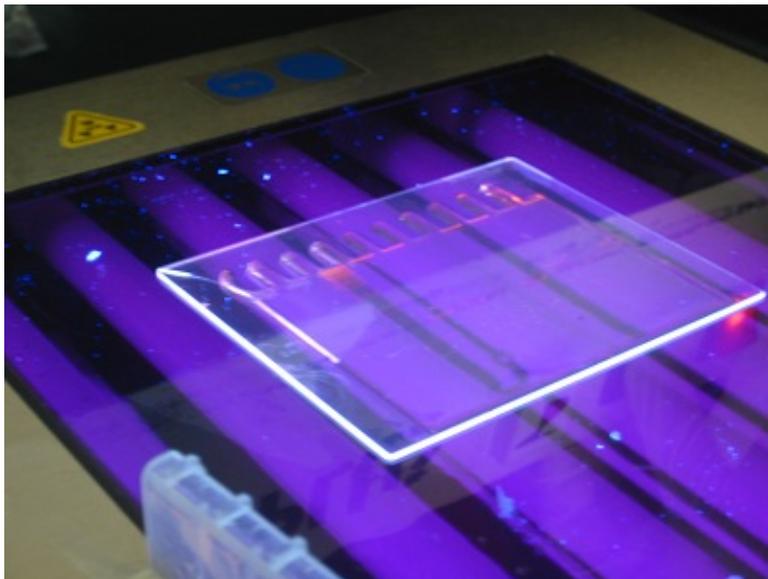
- **Wellcome:** Conxi Lázaro, PhD
- **15:30–15:35h. Introduction to the European Society of Human Genetics.** Feliciano Ramos, MD PhD. President of ESHG.
- **15:35–15:40h. Introduction and Welcome to School Day.** Juan C. Cigudosa, PhD. President of AEGH.
- **15:40–16:30h. LECTURE: Genetics in Art, History and in our times.** Teresa Perucho, MSc. Training Committee of AEGH.

SchoolDay ESHG Congress, Barcelona 2016



Friday 20th May, COSMOCAIXA

Laboratories



WORKSHOPS

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

SchoolDay ESHG Congress, Barcelona 2016



Friday 20th 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, MD, PhD and Joan Brunet, MD, 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.)

SchoolDay ESHG Congress, Barcelona 2016



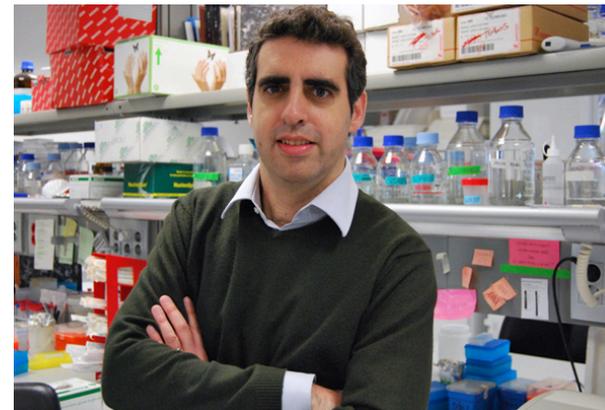
Saturday 21th May, COSMOCAIXA

Science Museum



CONFERENCE

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



SchoolDay ESHG Congress, Barcelona 2016



Saturday 21th 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.**

