



Preliminary Programme_28th August

15th Nov

09:00h **Registration**

10:00h **SPGH Club meetings (concurrent)**

- Molecular and Cytogenetics Club
- Medical and Clinical Dysmorphology Club

12:30h **European Reference Networks in Portugal**

Panel Discussion (Current representatives of ERNs in Portugal)

14:00h **Opening & Welcome**

14:15h **Keynote Lecture:**

(The Genetics of Intellectual Disability - Exomes & beyond)

Anita Rauch (Institute of Medical Genetics, Zurich)

15:00h **Epigenetics**

- *The role of Imprinting in Cancer*
David Monk (Inst. d'Investigació Biomédica, Barcelona)
- *Imprinting errors in spermatogenic cells of infertile patients*
Joana Marques (Dept. Patologia, HSJ, Porto)
- *Establishing the human epigenome in development and pluripotency*
Peter Rugg-Gunn (Babraham Institute, Univ. Cambridge)

16:30h **Coffee-break / poster viewing**

16:45h **Poster discussions**

17:10h **Corporate symposium** (Blueprint Genetics)

- (tba)

17:30h **Selected Oral Presentations (I)**

18:30h **SPGH General Assembly**

16th Nov

08:45h **Selected Oral Presentations (II)**

09:45h ***Meet the expert: CLN2, a form of Batten Disease*** (Sponsored by BioMarin)

- *An algorithm for CLN2 Diagnosis*
Miguel Leão (Deptº Genética Humana, HSJ, Porto)
- *From early diagnosis to early intervention*
Paul Gissen (UCL Great Ormond Street Hospital for Children, London)

10:30h **Coffee-break / poster viewing**

10:45h **Poster discussions**

11:15h **Immunotherapy & Genetics**

- *Harnessing the immunotherapy revolution for the treatment of colorectal cancer: neo-antigens and beyond*
Noel de Miranda (LUMC, Leiden)
- *The genetic basis of the response to Cancer Immunotherapies* (Sponsored by AstraZeneca)
Vassiliki Kotoula (AUTH School of Medicine, Thessaloniki)
- *CAR-T for the treatment of T cell malignancies*
John F. DiPersio (Alvin J. Siteman Cancer Center & Div. of Oncology, WU Medical School)

13:00h **Lunch break**

14:00h **Neurogenetics & Therapy**

- *Advanced therapies in SMA: beyond the clinical trials*
Eduardo Tizzano (H. Valle Hebron, Barcelona)
- *(Therapeutic developments in Huntington's and other neurodegenerative disorders)*
Bernhard Landwehrmeyer (Dept. Neurology, Univ. Ulm)
- *LRP10: a novel player in late-onset inherited synucleinopathies*
Wim Mandemakers (Erasmus Medical Center, Rotterdam)
- *(Biomarkers in Alzheimer's disease)*
Luís Maia (Deptº. Neurologia, CHP, Porto)

16:15h **Coffee-break / poster viewing**

16:30h **Poster discussions**

17:00h **Corporate symposium** (ILC Lda.)

- *Single molecule sequencing - 10xGenomics* (tba)

17:30h **Keynote Lecture:**

- *(Big data and machine learning in genomics)* (tbc)

20:00h **Congress Dinner**

17th Nov

09:00h **Selected Clinical Case Reports**

10:00h **Ethical Issues in Genome Editing**
Panel Discussion (SPGH Bioethics Committee)

11:00h **Coffee-break**

11:30h **Keynote Lecture:**
Unlocking the diagnostic potential for circulating DNA
Dennis Lo (Faculty of Medicine, The Chinese University of Hong Kong)

12:15h **SPGH Award Lecture**

12:30h **SPGH Awards Cerimony**

12:45h **Closing Session**

14:30h **SPGH closed meetings** (By invitation only)

- SPGH Committee of Public Policies & Education in Genetics
(Together with ESHG Education Committee)
- Genome.pt network