

Oto-stem Cell

Chairs: Löwenheim H (Germany)
Nakagawa T (Japan)

- SS1-1 The OTOSTEM Project: Human Stem Cell Applications for the Treatment of Hearing Loss**
Löwenheim H (Germany), the OTOSTEM Consortium (Switzerland)
- SS1-2 Generation of Otic Progenitors from Human Pluripotent Stem Cells**
Boddy SL, Romero-Guevara R, Abbas L, Eshtan SJ, Barrott D, Unger C, Corns L, Marcotti W, Andrews PW, Rivolta MN (UK)
- SS1-3 Human ES Cell-derived Neurons and Innervation of Hair Cells**
Edge ASB (USA)
- SS1-4 Single Cell Analysis of Monolayer Otic Placode Generation from Human Stem Cells**
Ealy M, Heller S (USA)
- SS1-5 Transplantation of Human iPS Cell-derived Neurons Cultured on 3D Collagen Matrix**
Nakagawa T (Japan)

13:00-14:00 Lunch time

Genetics and Hearing

Chair: Avraham KB (Israel)

- SS2-1 Genetic and Biochemical Approaches of the Mechano-Electrical Transduction (MET) Machinery**
Pepermans E, Michel V, Bonnet C, Bahloul A, El-Amraoui A, Avan P, Petit C (France)
- SS2-2 Disruption of Inner Ear Tricellular Tight Junctions by a Mutation of *ILDR1* in a Family Segregating Mild Hearing Loss**
Kim NKD (Korea), Higashi T (Japan), Lee KY (Korea), Kim AR (Korea), Kitajiri S (Japan), Kim MY (Korea), Chang MY (Korea), Kim V (Canada), Oh SH (Korea), Kim D (Korea), Furuse M (Japan), Park WY (Korea), Choi BY (Korea)
- SS2-3 Molecular Physiology and Pathology of Sound Encoding in the Inner Ear**
Neef J, Picher MM, Reisinger E, Jung S, Moser T (Germany)
- SS2-4 Screening Strategy for the Molecular Diagnosis of Deafness: From Social Health Insurance-Based Screening to Massively Parallel DNA Sequencing**
Usami S, Miyagawa M, Naito T, Moteki H, Nishio S (Japan)

Presentation time of IEB Kyoto 2014

Podium session: Target Lectures have 20 minutes including discussion, while other presentations have 12 minutes including discussion.