

Molecular Biology of Hearing and Deafness 2018

Day 1, Wednesday May 16th, 2018

13:00 – 14:00	Registration
14:00 – 14:10	Opening remarks: tba
14:10 – 16:20	<i>Session 1: Development (Chair: tba)</i>
14:10 – 14:40	Bernd Fritsch „Molecular biology of spiral ganglion and organ of Corti development”
14:40 – 15:00	Short Talk / Junior Talk „tba”
15:00 – 15:30	Mireille Montcouquiol „Defective Gpsm2/Gai3 signalling disrupts cytoskeleton dynamics in Chudley-McCullough syndrome“
15:30 – 15:50	Short Talk / Junior Talk „tba”
15:50 – 16:20	Brigitte Malgrange „tba”
16:20 – 16:50	<i>Coffee break and posters</i>
16:50 – 18:30	<i>Session 2: Emerging themes & methods (Chair: tba)</i>
16:50 – 17:20	Luk Vandenbherge „tba”
17:20 – 17:40	Short Talk / Junior Talk „tba”
17:40 – 18:10	Eri Hashino „Human Inner Ear Organoids: Modeling Development and Disease in 3D Culture”
18:10 – 18:30	Short Talk / Junior Talk „tba”
18:30	<i>Dinner</i>

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Day 2, Thursday May 17th, 2018

09:00 – 10:20	<i>Session 3: Genetics (Chair: tba)</i>
09:00 – 09:30	Hannie Kremer „Progressive hearing loss, novel genes and disease mechanisms”
09:30 – 09:50	Short Talk / Junior Talk „tba”
09:50 – 10:20	Richard Smith „Unravelling the Genetics Complexities of Hereditary Hearing Loss as a Foundation to Gene Therapy“
10:20 – 11:00	<i>Coffee break and posters</i>
11:00– 12:50	<i>Session 4: Genetics (Chair: tba)</i>
11:00 – 11:30	Cynthia Morton „tba”
11:30 – 11:50	Short Talk / Junior Talk „tba”
11:50 – 12:20	Guy van Camp „Towards a Clinical Genomic Future in Newborn Hearing Screening”
12:20 – 12:50	Qiuju Wang „Genetic Research on Hereditary Hearing Loss and Its Prevention in China”
13:00 – 14:00	<i>Lunch break</i>
14:00 – 15:20	<i>Session 5: Molecular Physiology (Chair: tba)</i>
14:00 – 14:30	Dan Jagger „The molecular physiology of fast spiking behaviour in the auditory nerve”
14:30 – 14:50	Short Talk / Junior Talk „tba”
14:50 – 15:20	Katie Kindt „Using zebrafish to understand ribbon synapse formation and function”
15:20 – 15:50	<i>Coffee break and posters</i>
15:50 – 17:40	<i>Session 6: Molecular Physiology (Chair: tba)</i>
15:50 – 16:20	Lavinia Sheets „A tail of noise-induced trauma: investigating noise damage in zebrafish lateral-line organs”
16:20 – 16:40	Short Talk / Junior Talk „tba”
16:40 – 17:10	Régis Nouvian „tba”
17:10 – 17:40	Karen B. Avraham „Epigenetics of the Auditory System”
17:40 – 18:30	<i>Poster break</i>
18:30	<i>Dinner</i>

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Day 3, Friday May 18th, 2018

09:00 – 10:40	<i>Session 7: Molecular Physiology (Chair: tba)</i>
09:00 – 09:30	Catherine Weisz „Inhibition of cochlear type II spiral ganglion afferent neurons”
09:30 – 09:50	Short Talk / Junior Talk „tba”
09:50 – 10:20	Karen Steel „Molecular pathways underlying progressive hearing loss”
10:20 – 10:40	Short Talk / Junior Talk „tba”
10:40 – 11:20	<i>Coffee break and posters</i>
11:20 – 13:10	<i>Session 8: Molecular Physiology (Chair: tba)</i>
11:20 – 11:50	David Corey „tba”
11:50 – 12:20	Jeffrey Holt „Function, Dysfunction and Restoration of TMC1 in Auditory Hair Cells”
12:20 – 12:40	Short Talk / Junior Talk „tba”
12:40 – 13:10	Robert Fettiplace „The contribution of TMC1 to transduction in cochlear hair cells”
13:10 – 14:10	<i>Lunch break</i>
14:10 – 16:00	<i>Session 9: Disease mechanisms (Chair: tba)</i>
14:10 – 14:40	Sharon Kujawa „tba”
14:40 – 15:10	Rosamaria Santarelli „Audibility, speech perception and cochlear potential recording in otoferlin-related hearing impairment”
15:10 – 15:30	Short Talk / Junior Talk „tba”
15:30 – 16:00	Michael Bowl „tba”
16:00 – 16:30	<i>Coffee break and posters</i>
16:30 – 18:00	<i>Session 10: Innovative approaches to inner ear therapy (Chair: tba)</i>
16:30 – 16:50	Short Talk / Junior Talk „tba”
16:50 – 17:10	Short Talk / Junior Talk „tba”
17:10 – 17:40	Michelle Hastings „Antisense technology to study and treat hearing disorders and deafness”
17:40 – 18:00	Short Talk / Junior Talk „tba”
18:00 – 18:30	<i>Poster break</i>
18:30	<i>Dinner</i>

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Day 4, Saturday May 19th, 2018

<i>09:00 – 10:20</i>	<i>Session 11: Age-related hearing loss (Chair: tba)</i>
09:00 – 09:30	Jörg Albert „The Preservation of Sensitive Hearing in the Homeostatic Struggle for Life (or How to Cure Age-Related Hearing Loss in Flies)”
09:30 – 09:50	Short Talk / Junior Talk „tba”
09:50 – 10:20	Sally Dawson „Progress in Identifying Genes Underlying Familial Otosclerosis using a Whole Exome Sequencing Approach”
<i>10:20 – 10:50</i>	<i>Coffee break and posters</i>
<i>10:50 – 12:20</i>	<i>Session 12: Beyond the ear (Chair: tba)</i>
10:50 – 11:20	Benedikt Grothe „tba”
11:20 – 11:50	Magdalena Götz „tba”
11:50 – 12:20	Ernst Bamberg „tba”
<i>12:20 – 12:40</i>	<i>Poster Award / Farewell</i>
<i>12:40 – 13:30</i>	<i>Lunch</i>