

# Oral Programme

Tuesday 22 <sup>nd</sup> May 2018	
08:30-19:00	Registration   Room: Entrance Hall
Room:	Noh Theatre
09:15-09:30	Welcome and general announcements
09:30-10:30	<b>[Plen.1] Fate and freedom within developing neocortical circuits</b> Denis Jabaudon, <i>Université of Geneva Medical School, Switzerland</i>
10:30-11:00	Refreshments   Room: Reception Hall 1 and Gallery
11:00-12:00	<b>Workshop 1: Marmoset provides a new paradigm of Neuroscience— Activity of Brain/MINDs in Japan</b> <span style="float: right;"><b>Sponsored by</b> </span>
11:00-11:20	<b>[WS1.1] Digital gene atlas of neonate common marmoset brain</b> T. Shimogori, <i>RIKEN Center for Brain Science, Japan</i>
11:20-11:40	<b>[WS1.2] Disease modeling and brain mapping using genetically modified marmosets</b> H. Okano <sup>1</sup> , <sup>1</sup> RIKEN Center for Brain Science, Japan, <sup>2</sup> Keio University School of Medicine, Japan
11:40-12:00	<b>[WS1.3] Multiscale functional imaging in the marmoset visual cortex</b> K. Ohki, <i>The University of Tokyo School of Medicine, Japan</i>
12:00-13:45	Lunch   Room: Reception Hall 1 and Gallery
Room:	Noh Theatre
13:45-15:00	<b>Symposium 1: Modeling neurodevelopment and developmental brain disorders: from Primate to human PSC-based 2D and 3D models</b> <span style="float: right;"><b>Sponsored by</b>  Otsuka Pharmaceutical Co., Ltd.</span> Chair: Guo-li Ming, <i>University of Pennsylvania, USA</i>
13:45-14:15	<b>[Inv.01] Human brain organoids on a chip to model normal development and disease</b> E. Karzbrun, S.R. Cohen, J.H. Hanna, O. Reiner*, <i>Weizmann Institute of Science, Israel</i>
14:15-14:45	<b>[Inv.02] Deciphering species-specific properties of human corticogenesis</b> P. Vanderhaeghen <sup>1,2</sup> , <sup>1</sup> VIB/KULeuven Brain and Disease Research Center, Belgium, <sup>2</sup> Université Libre de Bruxelles, Belgium
14:45-15:00	<b>[ST.01] Trisomy 21 perturbs the eye cup and retinal pigment epithelium development in cerebral organoids derived from human iPSCs</b> P. Goh <sup>1</sup> , I. Alic <sup>2</sup> , A. Murray <sup>2</sup> , G. Gough <sup>2</sup> , H.Y. Chen <sup>3</sup> , I. Barisic <sup>4</sup> , Y-H. Loh <sup>3</sup> , D. Nizetic* <sup>1,2</sup> , <sup>1</sup> Queen Mary University of London, UK, <sup>2</sup> Lee Kong Chian School of Medicine, NTU, Singapore, <sup>3</sup> A*STAR Genome Institute of Singapore, Singapore, <sup>4</sup> Children's Hospital Zagreb, Croatia
15:00-15:30	Refreshments   Room: Reception Hall 1 and Gallery
15:30-16:45	<b>Symposium 1 (contd.): Modeling neurodevelopment and developmental brain disorders: from Primate to human PSC-based 2D and 3D models</b> <span style="float: right;"><b>Sponsored by</b>  Otsuka Pharmaceutical Co., Ltd.</span> Chair: Guo-li Ming, <i>University of Pennsylvania, USA</i>
15:30-16:00	<b>[Inv.03] Building Rett syndrome monkey models using gene editing</b> Y. Sun, <i>University of California at Los Angeles, USA</i>
16:00-16:30	<b>[Inv.04] Modelling Zika virus-induced microcephaly using hiPSC based cellular models</b> G. Ming, <i>University of Pennsylvania, USA</i>
16:30-16:45	<b>[ST.02] Engineering human CNS morphogenesis: controlled induction of singular neural rosette emergence</b> G.T. Knight*, B.F. Lundin, N. Iyer, L.M. Ashton, W.A. Sethares, R.L. Willett, R.S. Ashton, <i>University of Wisconsin–Madison, USA</i>
16:45-18:15	Poster session 1 with drinks   Room: Reception Hall 1 and Gallery
18:15-18:30	Assemble for Noh

18:30-19:20	<b>Noh workshop   Room: Noh theatre</b>	
<b>Wednesday 23<sup>rd</sup> May 2018</b>		
08:00-14:00	Registration   Room: Entrance Hall	
Room	Noh Theatre	
08:30-09:30	<b>[Plen.2] Reelin, Cajal-Retzius cells and the synapsid-diapsid divide</b> André Goffinet, <i>Université of Louvain, Belgium</i>	
09:30-10:15	<b>Workshop: A guide to publishing in journals</b> by Stefano Stifani, <i>McGill University, Canada</i> (ISDN Secretary General)	
10:15-10:45	Refreshments   Room: Reception Hall 1 and Gallery	
Rooms	Noh Theatre	Conference Room 1-2
10:45-13:15	<b>Symposium 2: Development and plasticity of sensory pathways</b> Chair: Mriganka Sur, <i>Simons Center for the Social Brain, Massachusetts Institute of Technology, USA</i>	<b>Symposium 3: Neurodevelopment and psychiatric disorders</b> Chair: Stefania Maccari, <i>University of Lille, CNRS, France</i>
10:45-11:15	<b>[Inv.05] Critical periods in prefrontal cortex maturation: role of neural activity and serotonin neurotransmission</b> P. Gaspar <sup>1,2</sup> , A. Teissier <sup>1,2</sup> , M. Soiza-Reilly <sup>1,2</sup> , <sup>1</sup> Inserm, France, <sup>2</sup> Sorbonne Universités, France	<b>10:45-11:20 [Inv.09] Epigenetic animal model of early stress</b> S. Maccari <sup>1</sup> , <sup>1</sup> University of Lille, France, <sup>2</sup> Sapienza University of Rome, Italy
11:15-11:45	<b>[Inv.06] Cortical progenitor-specific mechanisms control thalamocortical innervation and cortical cell fate</b> S. Tole, <i>Tata Institute of Fundamental Research (TIFR), India</i>	<b>11:20-11:55 [Inv.10] Sex differences in Ketamine's antidepressant effect</b> M. Kabbaj, <i>Florida State University, USA</i>
11:45-12:15	<b>[Inv.07] Development of nociceptive topognosis</b> A. Kania <sup>1,2</sup> , <sup>1</sup> McGill University, Canada, <sup>2</sup> Université de Montréal, Canada	<b>11:55-12:30 [Inv.11] The evolutionary conserved mechanisms for the regulation of social conflict by the habenula</b> H. Okamoto, <i>RIKEN Center for Brain Science, Japan</i>
12:15-12:45	<b>[Inv.08] Rules of plasticity in visual cortex neurons and circuits</b> M. Sur, <i>Simons Center for the Social Brain, Massachusetts Institute of Technology, USA</i>	<b>12:30-12:45 [ST.05] Maternal metabolic and dietary environmental influences on the behavior of nonhuman primate offspring</b> E.L. Sullivan <sup>1,2</sup> , J.R. Thompson <sup>1</sup> , M. DeCapo <sup>1</sup> , J.L. Bagely <sup>1</sup> , V.H. Roberts <sup>1</sup> , A.E. Frias <sup>1</sup> , C.D. Kroenke <sup>1</sup> , C.T. Roberts <sup>1</sup> , D. Fair <sup>3</sup> , <sup>1</sup> Oregon National Primate Research Center, USA, <sup>2</sup> University of Oregon, USA, <sup>3</sup> Oregon Health & Science University, USA
12:45-13:00	<b>[ST.03] Patterned, but not synchronous spontaneous activity of developing olfactory neurons regulates olfactory receptor-specific axon sorting</b> A. Nakashima <sup>1</sup> , N. Ihara <sup>1</sup> , Y. Ikegaya <sup>1,2</sup> , H. Takeuchi <sup>1,3</sup> , <sup>1</sup> University of Tokyo, Japan, <sup>2</sup> National Institute of Information and Communications Technology, Japan, <sup>3</sup> Japan Science and Technology Agency (JST), PRESTO, Japan	<b>12:45-13:00 [ST.06] Long-term exercise rescued stress-induced cortical dendritic spine loss and improved learning function</b> K. Chen, Y. Zheng, R. Han, J. Wei, C. Ren, K.F. So, L. Zhang*, <i>Jinan University, China</i>

13:00-13:15	<b>[ST.04] Non-cell autonomous Otx2 homeoprotein regulates visual cortex plasticity through Gadd45b</b> J. Apulei* <sup>1</sup> , N. Kim <sup>1</sup> , D. Testa <sup>1</sup> , J. Ribot <sup>1</sup> , D. Morizet <sup>1</sup> , C. Bernard <sup>1</sup> , L. Jourdain <sup>2</sup> , C. Blugeon <sup>2</sup> , A. Di Nardo <sup>1</sup> , A. Prochiantz <sup>1</sup> , <sup>1</sup> College de France, France, <sup>2</sup> Ecole Normale Supérieure, France	<b>13:00-13:15 [ST.07] Activity-dependant mechanisms for prefrontal cortex maturation</b> A. Teissier* <sup>1,2</sup> , C. LeMagueresse <sup>1</sup> , B. Andrade da Costa <sup>3</sup> , A. da Stasi <sup>4</sup> , A. Bacci <sup>4</sup> , V. Vaidya <sup>5</sup> , P. Gaspar <sup>1</sup> , <sup>1</sup> Institut du Fer à Moulin U839, France, <sup>2</sup> Centre de Psychiatrie et Neurosciences U894, France, <sup>3</sup> Ciências Biológicas, Recife PE, Brazil, <sup>4</sup> Institut du Cerveau et de la Moelle épinière UMRs1127, France, <sup>5</sup> Tata Institute of Fundamental Research, India
13:15-14:00	Boxed Lunch   Room: Reception Hall 1 and Gallery	
14:00-19:30	<b>Free time (On your own)</b>	
19:30-22:00	<b>Conference gala dinner at Hotel Nikko Nara</b>	
<b>Thursday 24<sup>th</sup> May 2018</b>		
08:30-20:00	Registration   Room: Entrance Hall	
	Rooms	Noh Theatre
		Conference Room 1-2
09:00-10:00	<b>Symposium 4: Mechanisms of circuit formation and degeneration</b> Chair: Aaron Gitler, Stanford University, USA	<b>Symposium 5: Cell migration and layer formation in the developing cerebral cortex</b> Chair: Kazunori Nakajima, Keio University School of Medicine, Japan
09:00-09:25	<b>[Inv.12] The X-linked intellectual disability gene DHHC9 and the formation of neural circuits</b> J. Shimell, B. Shah, B. Jovellar, S.X. Bamji*, University of British Columbia, Canada	<b>09:00-09:15 [ST.09] The preplate stream: neurons generated earliest in the pallium migrate ventrally to mechanically bend radial fibers and expand the neocortex</b> K. Saito, M. Okamoto, T. Miyata*, Nagoya University, Japan
09:25-09:50	<b>[Inv.13] Novel signaling mechanisms for glutamatergic synapse formation and maintenance</b> Y. Zou, University of California, USA	<b>09:15-09:45 [Inv.14] Transient moving organizers: life and death in cortical development</b> A. Pierani, Paris Descartes University, France
09:50-10:00	<b>[ST.08] Microbiome influences prenatal and adult microglia in a sex-specific manner</b> M.S. Thion* <sup>1</sup> , D. Low <sup>2</sup> , A. Silvin <sup>2</sup> , J. Chen <sup>2</sup> , P. Grisel <sup>1</sup> , J. Schulte-Schrepping <sup>3</sup> , R. Blecher <sup>4</sup> , T. Ulas <sup>3</sup> , P. Squarzon <sup>1</sup> , G. Hoeffel <sup>2,5</sup> , F. Ginhoux <sup>1</sup> , S. Garel <sup>1</sup> . <sup>1</sup> Ecole Normale Supérieure, CNRS, INSERM, PSL Research University, France, <sup>2</sup> Agency for Science, Technology and Research (A*STAR), Singapore, <sup>3</sup> University of Bonn, Germany, <sup>4</sup> Weizmann Institute of Science, Israel, <sup>5</sup> Aix-Marseille Université, CNRS, INSERM, France	<b>09:45-10:00 [ST.10] Synaptic transmission from subplate neurons controls radial migration of neocortical neurons</b> C. Ohtaka-Maruyama* <sup>1</sup> , M. Okamoto <sup>2</sup> , K. Endo <sup>1</sup> , M. Oshima <sup>3</sup> , N. Kaneko <sup>1,3</sup> , K. Yura <sup>3,4</sup> , H. Okado <sup>1</sup> , T. Miyata <sup>2</sup> , N. Maeda <sup>1</sup> , <sup>1</sup> Tokyo Metropolitan Institute of Medical Science, Japan, <sup>2</sup> Nagoya University Graduate School of Medicine, Japan, <sup>3</sup> Ochanomizu University, Japan, <sup>4</sup> Waseda University, Japan
10:00-10:30	Refreshments   Room: Reception Hall 1 and Gallery	
10:30-12:00	<b>Symposium 4 (contd.): Mechanisms of circuit formation and degeneration</b> Chair: Aaron Gitler, Stanford University, USA	<b>Symposium 5 (contd.): Cell migration and layer formation in the developing cerebral cortex</b> Chair: Kazunori Nakajima, Keio University School of Medicine, Japan

10:30-11:05	<b>[Inv.15] Reverse autistic defects in MECP2 transgenic mice by neural circuitry specific genome editing</b> Z. Qiu, <i>Chinese Academy of Sciences, China</i>	<b>10:30-11:00 [Inv.17] Control of neuronal layer formation during cerebral cortical development</b> K. Nakajima, <i>Keio University School of Medicine, Japan</i>
11:05-11:25	<b>[ST.11] Neural activity-dependent transcription factor Npas4 plays a crucial role in neuronal survival after ischemic stroke</b> H. Takahashi, R. Asahina, M. Fujioka, A. Tsuboi*, <i>Nara Medical University, Japan</i>	<b>11:00-11:30 [Inv.18] Regulation of cerebral cortex folding by controlling neuronal migration via FLRT adhesion molecules</b> R. Klein, <i>Max-Planck-Institute of Neurobiology, Germany</i>
11:25-12:00	<b>[Inv.16] Expanding mechanisms and therapeutic targets for neurodegenerative disease</b> A.D. Gitler, <i>Stanford University, USA</i>	<b>11:30-12:00 [Inv.19] Microglia and prenatal inflammation in the development of cortical circuits</b> M. Thion <sup>1</sup> , CA. Mosser <sup>2</sup> , D. Low <sup>3</sup> , P. Grisel <sup>1</sup> , P. Squarzoni <sup>1</sup> , E. Audinat <sup>2</sup> , F. Ginhoux <sup>3</sup> , S. Garel <sup>*1</sup> , <sup>1</sup> Ecole Normale Supérieure, IBENS, INSERM U1024, CNRS UMR 8197, France, <sup>2</sup> INSERM U1128, Université Paris Descartes, France, <sup>3</sup> Singapore Immunology Network (SIgN), Agency for Science, Technology and Research (A*STAR), Singapore
Rooms	Noh Theatre	
12:00-12:30	<b>ISDN Business meeting</b>	
12:30-14:00	Lunch   Room: Reception Hall 1 and Gallery	
Room	Noh Theatre	
14:00-15:00	<b>[Plen.3] Parental stress and epigenetic programming of offspring neurodevelopment</b> Tracy Bale, <i>University of Pennsylvania, USA</i>	
15:00-16:10	<b>Symposium 6: Development and plasticity of vocal communication systems in human and non-human models</b> Chair: Sarah Woolley, <i>McGill University, Canada</i>	
15:00-15:10	Introduction to the session -Sarah Woolley	
15:10-15:40	<b>[Inv.20] Rhythm in music, language and the brain: Comparative and developmental approaches</b> J.R. Iversen, <i>University of California San Diego, USA</i>	
15:40-16:10	<b>[Inv.21] Development and plasticity of perception in vocal communication</b> S.C. Woolley, <i>McGill University, Canada</i>	
16:10-16:40	Refreshments   Room: Reception Hall 1 and Gallery	
16:40-18:00	<b>Symposium 6 (contd.): Development and plasticity of vocal communication systems in human and non-human models</b> Chair: Sarah Woolley, <i>McGill University, Canada</i>	
16:40-17:10	<b>[Inv.22] Vocal learning bats: A new path towards understanding the neurogenetics of language</b> S.C. Vernes <sup>1,2</sup> , <sup>1</sup> Max Planck Institute for Psycholinguistics, The Netherlands, <sup>2</sup> Donders Institute for Brain, Cognition and Behaviour, The Netherlands	
17:10-17:30	<b>[ST.12] Practice makes perfect: song proficiency of male zebra finches traces back to the structural properties of the brain</b> J. Hamaide <sup>*1</sup> , K. Lukacova <sup>1,2</sup> , M. Verhoye <sup>1</sup> , A. Van der Linden <sup>1</sup> , <sup>1</sup> University of Antwerp, Belgium, <sup>2</sup> Slovak Academy of Sciences, Slovakia	
17:30-18:00	<b>[Inv.23] Marmoset as a model system for studying neural basis of vocal communication</b> X. Wang <sup>1,2</sup> , <sup>1</sup> Johns Hopkins University, USA, <sup>2</sup> Tsinghua University, China	
18:00-19:30	Poster session 2 with drinks   Room: Reception Hall 1 and Gallery	

**Friday 25<sup>th</sup> May 2018**

08:00-18:00	Registration   Room: Entrance Hall	
Rooms	Noh Theatre	Conference Room 1-2
08:30-10:30	<b>Symposium 7: Oligodendrocyte/neuron interactions</b> Chair: Wendy Macklin, University of Colorado School of Medicine, USA	<b>Symposium 8: Genome editing applications in understanding function and pathology of the nervous system</b> Chair: Ryohei Yasuda, Max Planck Florida Institute for Neuroscience, USA
08:30-09:00	<b>[Inv.24] Loss of mTORC2 signaling in cortical neurons reduces CNS myelination</b> W.B. Macklin*, A. Palandri, H. Hathaway, K. Bercury, University of Colorado School of Medicine, USA	<b>08:30-08:55 [Inv.28] In vivo genome editing for studying neuronal plasticity</b> R. Yasuda, Max Planck Florida Institute for Neuroscience, USA
09:00-09:30	<b>[Inv.25] Oligodendrocytes myelinate axons by sensing neuronal subtypes and/or sensory inputs with individual variance in selectivity</b> K. Ikenaka, National Institute for Physiological Sciences, Japan	<b>08:55-09:20 [Inv.29] Creating neuronal disease models using genome editing</b> E. Sasaki, Central Institute for Experimental Animals, Japan
09:30-10:00	<b>[Inv.26] How do glia regulate myelinating potential?</b> B. Harty, K. Monk*, The Vollum Institute, Oregon Health and Science University, USA	<b>09:20-09:45 [Inv.30] Development of targeted gene knock-in method in non-dividing cells</b> K. Suzuki* <sup>1,2</sup> , Y. Tsunekawa <sup>3</sup> , M. Yamamoto <sup>4</sup> , R. Hernandez-Benitez <sup>4</sup> , J. Wu <sup>4</sup> , F. Matsuzaki <sup>3</sup> , J.C.I. Belmonte <sup>4</sup> , <sup>1</sup> Institute for Advanced Co-Creation Studies, Japan, <sup>2</sup> Osaka University, Japan, <sup>3</sup> RIKEN Center for Developmental Biology, Japan, <sup>4</sup> Salk Institute for Biological Studies, USA
10:00-10:30	<b>[Inv.27] Exosomes in oligodendrocyte-neuron interaction</b> C. Müller <sup>1</sup> , W-P. Kuo-Elsner <sup>1</sup> , K. Miebach <sup>1</sup> , M. Auber <sup>1</sup> , A. Scheller <sup>2</sup> , F. Krichhoff <sup>2</sup> , E-M.K. Albers* <sup>1</sup> , <sup>1</sup> Johannes Gutenberg University Mainz, Germany, <sup>2</sup> University of Saarland, Germany	<b>09:45-10:10 [Inv.31] Epigenome editing in neurons with dCAS9 fusion proteins</b> L-F. Chen, M. Gómez-Schiavon, D.A. Gallegos, M.G. Yang, B. Kalmeta, A.S. Zhou, M. Hazlett, J.V. Deng, M. Gemberling, C.A. Gersbach, N.E. Buchler, A.E. West*, Duke University, USA
		<b>10:10-10:30 [Inv.32] Harnessing novel RNA-targeting CRISPR systems for transcriptome engineering</b> J.S. Gootenberg* <sup>1,2</sup> , O.O. Abudayyeh <sup>1</sup> , D.B.T. Cox <sup>1</sup> , P. Essletzbichler <sup>1</sup> , M.J. Kellner <sup>1</sup> , B. Franklin <sup>1</sup> , S. Han <sup>1</sup> , A. Ting <sup>1</sup> , F. Zhang <sup>1</sup> , <sup>1</sup> Broad Institute of MIT, USA, <sup>2</sup> Harvard University, USA
10:30- 11:00	Refreshments   Room: Reception Hall 1 and Gallery	
11:00-11:30	<b>Symposium 7 (contd.): Oligodendrocyte/neuron interactions</b> Chair: Wendy Macklin, University of Colorado School of Medicine, USA	<b>Symposium 8 (contd.): Genome editing applications in understanding function and pathology of the nervous system</b> Chair: Ryohei Yasuda, Max Planck Florida Institute for Neuroscience, USA

11:00-11:15	<b>[ST.13] Increased miR-124-3p in microglial exosomes following traumatic brain injury inhibits neuronal inflammation and contributes to neurite outgrowth via their transfer into neurons</b> X.T. Ge <sup>1,2</sup> , S. Huang <sup>*1</sup> , J.Y. Wen <sup>1</sup> , H.C. Wang <sup>2</sup> , J.N. Zhang <sup>1</sup> , P. Lei <sup>1</sup> , <sup>1</sup> Tianjin Medical University General Hospital, China, <sup>2</sup> Duke University, USA	<b>[ST.15] Studying endogenous Nav1.7 channel dynamics in a human in vitro model system</b> L. McDermott*, G. Weir, D. Bennett, <i>University of Oxford, UK</i>
11:15-11:30	<b>[ST.14] The ectodomain shedding of NRG1 underlies spatial and temporal regulation of synaptogenesis and myelination of developing motor neurons</b> F. Sato <sup>1</sup> , M. Tabuchi <sup>1</sup> , A. Kamezaki <sup>1</sup> , K. Asakawa <sup>2</sup> , K. Kawakami <sup>2</sup> , A. Sehara-Fujisawa <sup>*1</sup> , <sup>1</sup> Kyoto University, Japan, <sup>2</sup> National Institute Genetics, Japan	<b>[ST.16] Direct in vivo glia-to-neuron conversion in the postnatal mouse cerebral cortex</b> S. Péron <sup>*1</sup> , N. Marichal <sup>1</sup> , L. Torres Masjoan <sup>1</sup> , M. Karow <sup>1,2</sup> , B. Berninger <sup>1</sup> , <sup>1</sup> Johannes Gutenberg University Mainz, Germany, <sup>2</sup> Ludwig Maximilian University Munich, Germany
Room	Noh Theatre	
11:30-13:00	<b>Mini symposium: Neural stem-progenitor cells in the embryonic, early postnatal, and adult mammalian brain</b> Chair: Yukiko Gotoh, <i>The University of Tokyo, Japan</i>	
11:30-12:10	<b>[Inv.33] Regulation of embryonic and adult neural stem cell fate</b> N. Yuizumi, N. Kuwayama, Y. Kishi, Y. Gotoh*, <i>The University of Tokyo, Japan</i>	
12:10-13:00	<b>[Inv.34] Origin and retention of neural stem cells in the adult brain</b> A. Alvarez-Buylla, <i>University of California, USA</i>	
13:00-14:15	Lunch   Room: Reception Hall 1 and Gallery	
Room	Noh Theatre	
14:15-15:39	<b>Symposium 9: Cell lineage and neural diversity in the cerebral cortex</b> Chair: Songhai Shi, <i>Memorial Sloan Kettering Cancer Center, USA</i>	
14:15-14:42	<b>[Inv.35] Novel regulators of neurogenesis- from centrosomes to nucleoli</b> M. Götz <sup>1,2</sup> , G.C. Ortega <sup>1,2</sup> , M. Esgleas <sup>1,2</sup> , S. Falk <sup>*1,2</sup> , <sup>1</sup> Helmholtz Center Munich, Germany, <sup>2</sup> Ludwig-MaximiliansUniversity, Germany	
14:42-14:57	<b>[ST.17] Dynamic gene expressions during neural development</b> H. Shimojo*, R. Kageyama, <i>Kyoto University, Japan</i>	
14:57-15:12	<b>[ST.18] Neurogenic differentiation by hippocampal neural stem and progenitor cells is biased by NFIX expression</b> L. Harris <sup>1</sup> , O. Zalucki <sup>1</sup> , T. Burne <sup>1</sup> , J. Heng <sup>2</sup> , R. Gronostajski <sup>3</sup> , M. Piper <sup>*1</sup> , <sup>1</sup> The University of Queensland, Australia, <sup>2</sup> Curtin University, Australia, <sup>3</sup> State University at Buffalo, USA	
15:12-15:39	<b>[Inv.36] Molecular mechanisms of neural stem cell lineage progression</b> S. Hippenmeyer, <i>Institute of Technology, Austria</i>	
15:40-16:10	Refreshments   Room: Reception Hall 1 and Gallery	
16:10-17:31	<b>Symposium 9 (contd.): Cell lineage and neural diversity in the cerebral cortex</b> Chair: Songhai Shi, <i>Memorial Sloan Kettering Cancer Center, USA</i>	
16:10-16:37	<b>[Inv.37] A developmental program of multipotent progenitors for generating diverse neocortical interneurons</b> K.T. Sultan <sup>1,2</sup> , W.A. Liu <sup>1,2</sup> , D.J. Jorg <sup>1,3</sup> , Z. Li <sup>1</sup> , X-J. Zhang <sup>1</sup> , O. Dean <sup>1</sup> , B.D. Simons <sup>3</sup> , S-H. Shi <sup>*1</sup> , <sup>1</sup> Memorial Sloan Kettering Cancer Center, USA, <sup>2</sup> Weill Cornell Medical College, USA, <sup>3</sup> University of Cambridge, USA	
16:37-17:04	<b>[Inv.38] Developmental diversification of GABAergic neurons in the telencephalon</b> C. Mayer <sup>1,2</sup> , R. Bandler <sup>2,3</sup> , A. Saunders <sup>3</sup> , F. Krienen <sup>3</sup> , S. McCarroll <sup>3</sup> , R. Satija <sup>4</sup> , G. Fishell <sup>*2,3</sup> , <sup>1</sup> MPI Neurobiology Martinsreid, USA, <sup>2</sup> Stanley Center at the Broad, USA, <sup>3</sup> Harvard Medical School, USA, <sup>4</sup> New York University, USA	

Development of circuits, functions, and disorders in the

# NERVOUS SYSTEM

ISDN2018

22-25 MAY 2018  
NARA, JAPAN



17:04-17:31	<b>[Inv.39] Murder in the cortex express: a balancing act in the assembly of cortical networks</b> O. Marin, <i>King's College London, UK</i>
17:31-18:00	Poster awards and closing remarks