

Opening remarks	10:45-10:50
1. Axon growth and synapse formation	
Hiroyuki Kamiguchi (BSI, Riken)	10:50-11:25
Migration of nerve growth cones requires detergent-resistant membranes in a spatially defined and substrate-dependent manner	
Shigeo Okabe (Tokyo Medical and Dental University)	11:25-12:00
Dynamics of postsynaptic molecules during development of neuronal network	
Lunch and Poster	12:00-14:00
2. Wiring	
Nobuhiko Yamamoto (Osaka University)	14:00-14:35
Molecular basis for the formation of thalamocortical projections	
Tatsumi Hirata (National Institute of Genetics)	14:35-15:10
Axonal elongation in the central nervous system	
Edward Ruthazer (Cold Spring Harbor Laboratory)	15:10-16:00
Control of axon branch dynamics by correlated neural activity	
Coffee break	16:00-16:30
Takeshi Yagi (Osaka University)	16:30-17:05
Diversity of CNR/protocadherin genes in the brain.	
Hajime Fujisawa (Nagoya University)	17:05-17:40
Roles of semaphorins and their receptors, neuropilins and plexins, in axon guidance and neuronal cell migration	
Masatoshi Takeichi (CDB, Riken)	17:40-18:15
Cadherins/catenins as regulators of synaptogenesis and neuronal patterning	

3. Migration and polarity

Mineko Kengaku (Kyoto University)	08:30-09:05
DNER signaling regulates branching formation of dendrites and glial fibers	
Takaki Miyata (BSI, Riken)	09:05-09:40
What the morphology of dividing CNS progenitor cells tells us: a lesson from cerebral and retinal slice culture	
Kazunori Nakajima (Keio University)	09:40-10:15
Dynamics of cerebral cortical development	
Coffee break	10:15-10:35
Fujio Murakami (Osaka University)	10:35-11:25
Dynamic and zone-specific migratory behavior of neocortical GABAergic neurons	
Fumio Matsuzaki (CCB, Riken)	11:25-12:00
Asymmetric division and polarity of Drosophila neural stem cells	
Lunch and Poster	12:00-14:00
4. Fate determination, Transcriptional regulation	
Hitoshi Okamoto (BSI, Riken)	14:00-14:35
Inductive signaling cascades for defining regional specificity and left-right asymmetry in zebrafish brain	
Andrew Lumsden (King's College London)	14:35-15:25
Boundaries and compartments in the developing brain	
Coffee break	15:25-15:55
Harukazu Nakamura (Tohoku University)	15:55-16:30
Organizing signal that defines the cerebellar and tectal differentiation	

Jean Hebert (Albert Einstein College of Medicine)	16:30-17:20
Genetic analysis of the roles of BMP and FGF signaling in forebrain patterning & neurogenesis	
John Rubenstein (University of California at San Francisco)	17:20-18:10
Mechanisms underlying arealization and differentiation in the Neocortex	
Closing remarks	18:10-18:15