Chile-Japan Academic Forum in UTokyo
Workshop on Genes, Cells and Organisms

Venue: Faculty of Science Building 1, room #231(Center link), Hongo Campus, U. Tokyo

Organizers: Miguel Allende, Juan Larrain & Hiroyuki Takeda

9:30 Me at the front gate of the Faculty of Science Bldg. No.1
9:50 Opening by Hiroyuki Takeda

Morning Session chaired by Miguel Allende
10:00 - 10:30 Neurogenesis
Novel cellular and molecular aspects of microtubule-associated protein 1B functions
Christian González Billault (U. de Chile)
10:30 - 11:00 Neurogenesis
"Mouse model of human lissencephaly"- Physiological function of doublecortin family
proteins in neuronal migration and brain development
Hiroyuki Koizumi & Kazuo Emoto (U. Tokyo)
11:00 - 11:30 Genome-wide approach
Enumerating functional substructures in genome wide metabolic networks
Vicente Acuña Aguayo (U. de Chile)
11:30 - 12:00 Genome-wide approach
Genome-wide approach for molecular outputs of the circadian clock in mice
Hikari Yoshitane & Yoshitaka Fukada (U. Tokyo)

12:00 - 13:30 Lunch & Coffee

Afternoon Session chaired by Ichiro Terashima
13:30 - 14:00 Plant science - physiology, ecology and diversity
Potencial genético de plantas cultivadas en Chile (Genetic potential of Chilean plant
crops)
Herman Silva Ascencio (U. de Chile)
14:00 - 14:30 Plant science - physiology, ecology and diversity
Stomatal conductance and mesophyll conductance for CO₂ diffusion in leaf
photosynthesis
Ichiro Terashima (U. Tokyo)
14:30 - 15:00 Plant science - physiology, ecology and diversity
Learning from ancient crops: multi-tolerance features in quinoa (Chenopodium
quinoa) as model for breeding resilient crops.
R. Andrés Zurita-Silva (Instituto de Investigaciones Agropecuarias - INIA)
15:00 - 15:30 Plant science - physiology, ecology and diversity
Domestication history of Asian rice inferred by ancient DNA and modern genomics
Masahiko Kumagai (U. Tokyo)

15:30 - 16:00 Discussion (with coffee) by Miguel Allende