



Bertinoro, Italy
15-21 April 2018



Potassium wave of spreading depolarization initiates arteriolar constriction in the mouse cerebral cortex

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12:30-14:00	Lunch break
14:00-14:35	Student presentations [7 min + 3 min discussion each] Elena Scremin (Padua, Italy) Ca ²⁺ dyshomeostasis in familial Alzheimer's disease: role of Orai2 in store-operated Ca ²⁺ entry Mislav Majnarić (Padua, Italy) Neuron-glia interactions in neurovascular coupling Ákos Menyhárt (Szeged, Hungary) Potassium wave of spreading depolarization initiates arteriolar constriction in the mouse cerebral cortex
14:35-15:20	Inbal Goshen (The Hebrew University of Jerusalem • Jerusalem, Israel) Expand your toolbox! [30 min + 10 min discussion]
15:20-16:15	Student presentations [7 min + 3 min discussion each] Mark W. Sherwood (Bordeaux, France) Contribution of IP ₃ Rs to astrocytic Ca ²⁺ signalling and hippocampal long-term potentiation Anurag Singh (Dunedin, New Zealand) Heterodendritic metaplasticity in the hippocampus - a role for astrocytes? Serena Riccitelli (L'Aquila, Italy) Effects of Bmal1 gene deletion in astrocytes on retinal morphology and physiology Davide Gobbo (Homburg, Germany) Role of glial transmitter receptors in network function and neuron-glia interactions in absence seizures Rosa Chiara Goisis (Padua, Italy)