

Schedule – FENS SfN Summer School 2015
on “Shared mechanisms and specificity in neurodegenerative diseases”

Sunday 7th June

- 17:00 - 18:00 Registration
- 18:00 - 18:15 Introduction by the school scientific chairs: Prof. Maria Grazia Spillantini (Cambridge, UK) and Prof. Emiliana Borrelli (University of California, USA)
- 18:15 - 19:30 [Keynote lecture by Dr. John Hardy \(UCL, UK\) on “Genomic analyses of Neurodegeneration”](#)
- 19:45 - 21:00 *Buffet Dinner*
- 21:00 - 22:30 Students introductions

Monday 8th June

[Session 1: General characteristics of neurodegenerative disorders and cellular therapies](#)

- 09:00 - 10:15 Dr. Roger Barker (Cambridge, UK) on “Matching therapies to patients - The future of experimental therapeutics in Parkinson's Disease”
- 10:15 - 11:00 Dr. Roger Barker (Cambridge, UK)
- 11:00 - 11:30 *Coffee break*
- 11:30 - 12:45 Dr. Kelly Del Tredici (University of Ulm, Germany) on “Sporadic Parkinson's & Alzheimer's diseases: comparative neuroanatomy and neuropathology”
- 12:45 - 14:15 *Lunch*
- 14:15 - 15:00 Dr. Kelly Del Tredici (University of Ulm, Germany)
- 15:00 - 15:20 *Coffee break*
- 15:20 - 16:35 Dr. Vania Broccoli (San Raffaele Institute, Genoa, Italy) on “Modeling neurodegenerative disorders by human iPSC-derived neurons and direct neuronal reprogramming”
- 16:35 - 17:20 Dr. Vania Broccoli (San Raffaele Institute, Genoa, Italy)
- 17:45 - 18:45 Group work: discussions on session 1
- 19:00 - 20:30 *Dinner*

Tuesday 9th June

- 08:30 - 09:00 Discussion on session 1
- [Session 2: Cellular mechanisms underlying neurodegenerative processes 1](#)
- 09:00 - 10:15 Dr. Harald Neumann (University of Bonn, Germany) on “Phagocytosis pathway of microglia linked to neurodegeneration”
- 10:15 - 11:00 Dr. Harald Neumann (University of Bonn, Germany)

- 11:00 - 11:30 *Coffee break*
- 11:30 - 12:45 Dr. Patrizia Casaccia (New York, USA) on "Nuclear events modulating disease course"
- 12:45 - 14:15 *Lunch*
- 14:15 - 15:00 Dr. Patrizia Casaccia (New York, USA)
- 15:00 - 16:00 Group work: discussions on session 2
- 16:00 - 16:20 *Coffee break*
- 16:20 - 19:00 Students short oral presentations on their posters (group 1)
- 19:00 - 20:00 Poster sessions (group 1)
- 20:00 - 21:30 *Dinner*

Wednesday 10th June

- 08:00 - 08:30 Discussion on session 2

Session 3: Cellular mechanisms underlying neurodegenerative processes 2

- 08:30 - 09:45 Dr. Aviva Tolkovsky (Cambridge, UK) on "Autophagy in neurodegenerative disease - friend or foe?"
- 09:45 - 10:30 Dr. Aviva Tolkovsky (Cambridge, UK)
- 10:30 - 11:00 *Coffee break*
- 11:00 - 12:15 Dr. Wiep Scheper (Amsterdam University, The Netherlands) on "Proteostasis in the Endoplasmic Reticulum and Neurodegenerative Disease"
- 12:15 - 13:00 Dr. Wiep Scheper (VU University Medical Center, The Netherlands)
- 13:00 - 14:30 *Lunch*
- 14:30 - 15:30 Group work: discussions on session 3

Excursion to Ravenna

Thursday 11th June

- 08:30 - 09:00 Discussion on session 3

Session 4: Spreading mechanisms in neurodegenerative disorders and circuits based therapies

- 09:00 - 10:15 Dr. Ronald Melki (Paris, France) on "Prion-like propagation of protein assemblies in neurodegenerative diseases"
- 10:15 - 11:00 Dr. Ronald Melki (Paris, France)
- 11:00 - 11:30 *Coffee break*
- 11:30 - 12:45 Dr. Elena Moro (University Hospital Center of Grenoble, France) on "Neuromodulation : what have we learned of brain function and pathology from 25 years of research and diseases' treatment."
- 12:45 - 14:15 *Lunch*

- 14:15 - 15:00 Dr. Elena Moro (University Hospital Center of Grenoble, France)
- 15:00 - 16:00 Group work: discussions on session 4
- 16:00 - 16:20 *Coffee break*
- 16:20 - 19:00 Students short oral presentations on their posters (group 2)
- 19:00 - 20:00 Poster sessions (group 2)
- 20:00 - 21:30 *Dinner*

Friday 12th June

- 08:30 – 09:00 Discussion on session 4

Session 5: Synaptic mechanisms in health and disease

- 09:00 - 10:15 Dr. Sreeganga Chandra (Yale, USA) on “Synaptic Dysfunction in Neurodegenerative Diseases”
- 10:15 - 11:00 Dr. Sreeganga Chandra (Yale, USA)
- 11:00 - 11:30 *Coffee break*
- 11:30 - 12:45 Dr. Antonio Pisani (University of Rome Tor Vergata, Italy) on “Basal ganglia function and dysfunction: implications for movement disorders”
- 12:45 - 14:15 *Lunch*
- 14:15 - 15:00 Dr. Antonio Pisani (University of Rome Tor Vergata, Italy)
- 15:00 - 16:30 Group work: discussions on session 5
- 16.30-17.00 *Coffee break*
- 17:00 - 18:30 Keynote lecture by Dr. Alastair Compston (Cambridge University) on “Multiple sclerosis: a saga of successful mechanism-based therapeutics”**
- 18:30 - 19:00 Feedback from students and conclusions + Announcement of best posters
- 19:30 - 21:00 *Farewell dinner*

Saturday 13th June

- Breakfast and departure