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