

STRUCTURE, DEVELOPMENT, FUNCTION - January 21-25, 2019

Monday 21 Neuroanatomy		
Introduction to the master	Giuseppe Lauria	University Milan/Besta
Break		
Functional anatomy of somatic PNS	Giuseppe Lauria	University Milan/Besta
Lunch break		
Functional anatomy of autonomic nervous system	Roy Freeman	Center for Autonomic and Peripheral Nerve Disorders, Beth Israel Deaconess Medical Center, Harvard (USA)
Break		
Macro and microstructure of peripheral nerves	Guido Cavaletti	Experimental Neurology Unit, University Milan Bicocca
Tuesday 22 Neurobiology		
Neurobiology of dorsal root ganglia	Mingdong Zhang	Molecular Neurobiology Unit, Karolinska Institute (Sweden)
Break		
Neurobiology of autonomic ganglia	Alessandro Furlan	Cold Spring Harbor Laboratory, New York (USA)
Lunch break		
Membrane excitability, Ion channels and channelopathies	Stephen Waxman	Center for Neuroscience and Regeneration Research, YALE University (USA)
Break		
The cytoskeleton	Peter Brophy	Centre for Neuroregeneration, University Edimburg (UK)
Wednesday 23 Neurobiology		
Axon sorting and development	Stefano Previtalli	Institute of Experimental Neurology, San Raffaele Hospital, Milan
Break		
Axonal trafficking	Giampietro Schiavo	Molecular NeuroPathobiology Laboratory, UCL, London (UK)
Lunch		
Social programme		
Thursday 24 Neurobiology		
Schwann cell and myelin-axon interactions	Carla Taveggia	Institute of Experimental Neurology, San Raffaele Hospital, Milan
Break		
Node and paranode	Elior Peles	Department of Molecular Cell Biology, Weizmann Institute (Israel)
Lunch		
Genomic control of nerve myelination	Alessandra Bolino	Institute of Experimental Neurology, San Raffaele Hospital, Milan
Friday 25 Neurobiology		
Mitochondrial genetics	Daniele Ghezzi	University Milan/Besta
Lunch		
Axon degeneration and regeneration	Ahmet Hoke	Neuromuscular Division, Johns Hopkins University (USA)
Break		
iPs models	Giacomo Comi	University of Milan and Neurology Unit, IRCCS Foundation Ca' Granda, Ospedale Maggiore Policlinico

DIAGNOSTICS - March 18-26, 2019

Monday 18 Clinical Neurophysiology		
Axon excitability and signal conduction	Alberto Priori	University Milan
Motor nerve conduction	Antonio Uncini	University of Chieti
Sensory nerve conduction	Fiore Manganeli	University of Naples
Break		
Late responses; segmental and brainstem reflexes	Rocco Quatralè	S. Angelo Hospital of Venice Mestre
Needle EMG	Roberto Eleopra	Besta
Lunch		
Single fiber EMG	Paolo Girlanda	University of Messina
LAB		
Break		
LAB		
Tuesday 19 Clinical Neurophysiology		
Laryngeal EMG	Enrico Alfonsi	IRCCS Mondino Institute of Pavia
Pelvic EMG	David Vodusek	University of Lubjana (SLO)
Break		
Motor unit estimation techniques	Christoph Neuwirth	Neuromuscular Diseases Unit, Kantonsspital St. Gallen (CH)
Electrophysiologic signs of denervation and reinnervation	Markus Weber	Neuromuscular Diseases Unit, Kantonsspital St. Gallen (CH)
Lunch		
LAB		
Break		
LAB		
Wednesday 20 Clinical Neurophysiology		
Motor evoked potentials	Angelo Quartarone	University of Messina
Somatosensory evoked potentials	Vidmer Scaioli	Besta
Visual evoked potentials	Christian Lettieri	University Hospital of Udine
Break		
Brainstem evoked potentials	Grazia Devigili	Besta
Lunch		
LAB		
Social programme		
Thursday 21 Clinical Neurophysiology		
Pain-related evoked potential	Massimiliano Valeriani	Dipartimento di Neuroscienze Ospedale Pediatrico Bambino Gesù, IRCCS, Roma
Quantitative sensory testing	Grazia Devigili	Besta
Break		
Microneurography	Jordi Serra	Department of Clinical Neurophysiology King's College Hospital, London
Lunch		
LAB		
Break		
LAB		
Friday 22 Autonomic nervous system		
Clinical approach	Pietro Cortelli	Department of Neurology, University of Bologna and Ferrara, Besta
Cardiovascular autonomic tests	Valeria Tugnoli	Department of Neurology, University of Bologna and Ferrara, Besta
Break		
Sudomotor, vasomotor, pupillary tests	Grazia Devigili	Department of Neurology, University of Bologna and Ferrara, Besta
Lunch		
LAB		
Break		
LAB		
Monday 25 Neuroimaging		
Magnetic resonance imaging	Roberto Gasparotti	Neuroradiology Unit, University of Brescia
Break		
Ultrasonography	Luca Padua	Neurorehabilitation Unit, Catholic University, Rome
Corneal confocal microscopy	Rayaz Malik	Internal Medicine and Endocrinology Unit, Cornell Qatar University, Doha (Qatar)
Lunch		
Neuropathology and related techniques		
Nerve biopsy	Tiziana Cavallaro	University-Hospital Verona
Break		
Skin biopsy	Giuseppe Lauria	University Milan/Besta

PATHOPHYSIOLOGY, DIAGNOSIS, THERAPY, PROGNOSIS OF NEUROPATHIES - May 13-17, 2019

Monday 13 Metabolic and systemic disease-related neuropathies		
Diabetic neuropathies	Angelo Schenone	University Genoa
Deficiency states, infections and connective tissue diseases	Giuseppe Lauria	University Milan/Besta
Angiopathic neuropathies	Giuseppe Lauria	University Milan/Besta
Haematological and solid malignancies	Chiara Briani	Department of Neurology, University of Padova
Break		
Paraneoplastic syndromes	Chiara Briani	Department of Neurology, University of Padova
Chemotherapy-related neuropathies Drug toxicity and poisoning	Guido Cavaletti	Experimental Neurology Unit, University Milan Bicocca
Lunch	Guido Cavaletti	Experimental Neurology Unit, University Milan Bicocca
Amyloid-related neuropathies		
Systemic amyloidosis	Giampaolo Merlini	Amyloidosis Research and Treatment Center, IRCCS Policlinico San Matteo
Break		
Inherited amyloidosis	Maria Saraiva	Instituto de Inovação e Investigação em Saúde, University of Porto (Portugal)
Tuesday 14 Immune-mediated neuropathies		
Innate and adaptative immunity in PNS disorders	Hugh Willison	Institute of Infection, Immunity & Inflammation, University of Glasgow (UK)
GBS	Pieter van Doorn	Department of Neurology, University of Rotterdam (NL)
Break		
CIDP and MMN	Eduardo Nobile-Orazio	University of Milan/Humanitas
Modern clinimetrics: how to measure outcomes	Ingemar Merkies	Department of Neurology, St. Elisabeth Hospital (Curaçao)
Lunch		
Sensory neuropathies and neuronopathies	Giuseppe Lauria	University Milan/Besta
Clinical neurophysiology: facts and tricks	David Cornblath	Johns Hopkins University, Baltimore (USA)
Wednesday 15 FUNCTIONAL ASSESSMENT AND REHABILITATION		
Sensory and neuromotor disorders	Luigi Tesio	University of Milan, IRCCS Istituto Auxologico Italiano, Milan
Break		
Nerve and limb traumatic injuries	Ernesta Magistri	Diagnostic Recovery and Functional Rehabilitation Unit, Orthopedic Traumatology Center, Torino
Social programme		
Thursday 16 Inherited neuropathies		
Demyelinating neuropathies	Davide Pareyson	Besta
Break		
Axonal neuropathies	Mary Reilly	MRC Centre for Neuromuscular Diseases UC, National Hospital for Neurology and Neurosurgery, London (UK)
Lunch		
Sensory and autonomic hereditary neuropathies	Matilde Laurà	MRC Centre for Neuromuscular Diseases UC, National Hospital for Neurology and Neurosurgery, London (UK)
Break		
LAB		
Friday 17 Traumatic nerve injuries and nerve tumors		
Clinic and diagnostics	Marco Sinisi	Royal National Orthopaedic Hospital, London (UK)
Break		
Neurosurgery	Marco Sinisi	Royal National Orthopaedic Hospital, London (UK)
Lunch		
Primary nerve tumors	Marco Sinisi	Royal National Orthopaedic Hospital, London (UK)
Break		
LAB		

PAIN - November 11-15, 2019

Monday 11 Neuropathic pain		
Pathogenesis and diagnostic approach	Catharina Faber	Department of Neurology, University of Maastricht (NL)
Break		
Pain genetics	Catharina Faber	Department of Neurology, University of Maastricht (NL)
Lunch		
Painful neuropathies	Catharina Faber	Department of Neurology, University of Maastricht (NL)
Break		
Pain in Multiple Sclerosis	Paolo Confalonieri	Besta
Tuesday 12 Neuropathic pain		
Pain In Parkinson disease	Roberto Eleopra	Besta
Break		
Neuropathic pain: pharmacological treatments	Grazia Devigili	Besta
Lunch		
Neuromodulation and other surgical approaches	Ivano Dones	Besta
Social programme		
Wednesday 13 Brain plasticity		
Body recognition	Angelo Maravita	Milano Bicocca University, Milan
Break		
Neuroimaging	Giandomenico Iannetti	Department of Neuroscience, Physiology and Pharmacology, UCL (UK)
Lunch		
Headaches and other cranial pain disorders		
Migraines and tension type headache		
Break		
Cluster headache and other TACS	Massimo Leone	Besta
Thursday 14 Headaches and other cranial pain disorders		
Migraine Chronification & Medication Overuse	Susanna Usai	Besta
Break		
Innovative treatments: CGRP-related therapy	Massimo Leone	Besta
Lunch		
Trigeminal neuralgia and other cranial neuralgias	Giuseppe Lauria	Besta
Break		
Invasive neuromodulation	Alberto Proietti	Besta
Friday 15 Headaches and other cranial pain disorders		
Non-pharmacological treatments and behavioral approaches	Licia Grazzi	Besta
Break		
Cancer pain		
Pain in cancer: diagnosis and treatments	Augusto Caraceni	IRCCS National Cancer Institute, Milan
Lunch		
Palliative cares	Augusto Caraceni	IRCCS National Cancer Institute, Milan
Break		
LAB		

PATHOPHYSIOLOGY, DIAGNOSIS, THERAPY, PROGNOSIS OF MOTOR NEURON AND NMJ DISEASES - January 20-24, 2020

Monday 20	Amyotrophic lateral sclerosis and related diseases		
	Epidemiology and genetics	Adriano Chiò	University of Torino
	Pathophysiology and clinical features	Vincenzo Silani	University of Milan
	Break		
	In vitro models	Angelo Poletti	University of Milan
	In vivo models	Caterina Bendotti	Mario Negri Pharmacological Institute, Milan
	Fragile function management	Gabriele Mora	Maugeri Institute, Milan
	Lunch		
	Treatments and trials	Giuseppe Lauria	University Milan/Besta
Tuesday 21	Spinal muscular atrophy		
	Pathophysiology	Giacomo Comi	University of Milan
	Clinical features	Giovanni Baranello	Besta
	Break		
	New treatments	Giovanni Baranello	Besta
	Neuromuscular junction diseases		
	Myasthenia	Renato Mantegazza	Besta
	Lunch		
	Eaton-Lambert syndrome	Carlo Antozzi	Besta
	Congenital myasthenia	Lorenzo Maggi	Besta
Wednesday 22	Practice at Besta Institute		
Thursday 23	Practice at Besta Institute		
Friday 24	Practice at Besta Institute		