# Guido Cavaletti, MD

## Research laboratory

Dipartimento di Medicina e Chirurgia Università di Milano "Bicocca" Via Cadore, 48 - 20900 Monza (MB) – Italia

## Clinical office

Clinica Neurologica Azienda Ospedaliera S. Gerardo Via Pergolesi, 33 – 20900 Monza (MB) – Italia

e-mail: guido.cavaletti@unimib.it

Tel.: +39 02 6448 8039 - Mobile + 39 335 1006664 - Fax: +39 02 6448 8250

Personal information	Date of birth: Fe	ebruary, 27 <sup>th</sup> , 1959
	Place: M	ilan, Italy
Education	1984 MD (University of Milan "Statale") 1989 Board in Neurology (University of Milan "Statale")	
Professional experience	1990 - 1997 Assistant Neurologi	Department of Neurology, S. Gerardo Hospital Monza st
	1998 - Consultant Neurolog	Department of Neurology, S. Gerardo Hospital Monza gist
	2001 - Associate Professor Human Anatomy	School of Medicine - University of Milan "Bicocca" Monza
	2001 - 2015	School of Medicine - University of Milan "Bicocca" Monza
	Professor Human Anatomy	
	2015 -	School of Medicine - University of Milan "Bicocca" Monza
	Director 2010- Tutor 2001 - Tutor 2001 -2010	School of Medicine - University of Milan "Bicocca" Neuroscience PhD Program  School of Medicine - University of Milan "Bicocca" Monza - Neurology Residency Program  School of Medicine - University of Milan "Bicocca" International Translational Medicine (DIMET) PhD Program
	Head 2010-	-
	2010-	School of Medicine - University of Milan "Bicocca"

**Experimental Neurology Unit** 

### **Deputy Scientific Director**

2014 - Center of Neuroscience of Milan - University of Milan "Bicocca

### **Deputy Director**

2015 - University of Milan "Bicocca"

Schol of Medicine and Surgery

#### Main research activities

# Basic research on the pathogenesis and treatment of peripheral neuropathies and neuroimmunological diseases.

He collaborated in developing several new *in vivo* and *in vitro* animal models of metabolic and toxic neuropathies (with particular reference to antineoplastic drug-induced neuropathies) to understand their pathogenesis and to test neuroprotective strategies.

He is currently involved also in experimental models of neuroimmunological diseases of the central and peripheral nervous system.

Besides light and electron microscopy, he has now a solid experience in the behavioral and neurophysiological evaluation of the central and peripheral nervous system in animals models. In order to enhance the quality of the data obtained from the animal models, he collaborates with top-level laboratories for the analytical determination of tissue drug concentrations and for skin biopsy examination.

# Clinical research on chemotherapy-induced peripheral neurotoxicity and neuroimmunolgy.

Since 1990 he has been in charge of the neurological assessment during clinical trials devoted to the evaluation of neurological side-effects of chemotherapeutic agents and of the effect of neuroprotective agents. He developed the core of an Italian network of Oncologists/Hematologist and Neurologists with specific interest in chemotherapy-induced side effects (NETox). He is the currently the leading member of the steering committee of the international EU/US CI-Perinoms study on the standardization of outcome measures in chemotherapy-induced peripheral neuropathies.

More recently he investigated on the role of autoimmunity in the development of clinical syndromes involving the central and peripheral nervous system. He is also involved in multiple sclerosis patients care and clinical trials and in the treatment of acute and chronic inflammatory neuropathies.

## **Diabetic Neuropathy**

He is collaborating at the preclinical and clinical level in the study of this frequent and severe complication of diabetes, with a specific focus on neuroprotection and transplantation procedures.

### Associations

He is member of the Italian Society of Neurology, of the World Federation of Neurology, of the Peripheral Nerve Society and past-President of the Italian Peripheral Nerve Society (ASNP).

1996-2005: member of the CME subcommittee of the European Federation of Neurological Societies.

2009 – 2013: member of the scientific board of the European Synchrotron Radiation Facility (Grenoble, F), biomedicine panel

2011- 2015: member of the Board of Directors of the Peripheral Nerve Society

# Other activities

He is Associate Editor of the Journal of the Peripheral Nervous System and member of the editorial board of Experimental Neurology, Current Drug Safety, Current Medicinal

Chemistry, World Journal of Clinical Oncology.

He acts as reviewer for international peer-reviewed journals, including Nature, Neurology, Journal of Clinical Oncology, Cancer Research, Annals of Oncology, Cancer Chemotherapy and Treatment, European Journal of Cancer, Oncology, Supportive Care in Cancer, European Journal of Neurology, Journal of Neuroimmunology, Neurobiology of Diseases, Neurotoxicology Research.

He is currently consultant for Metys Pharma and Shire Pharmaceuticals.

He acted as consultant in the past 5 years for Abbott, Helsinn Healthcare SA, Rottapharm-Madhaus, Phosplatin, Periphagen.

He was involved in the past 5 years in preclinical research sponsored by Helsinn Healthcare SA, Rottapharm-Madhaus, Acetylon Pharmaceuticals, Cavion Pharma, Eisai, Bristol Myers Squibb, Amgen, Fresenius, Medigene.

#### **Pubblications**

He is author of more than 270 papers on international peer-reviewed journals (Scopus h-index = 52)

Statement: I have already conducted clinical trials in ICH/GCP.

May 14th, 2018