

Biographical sketch

NAME STANKOFF, Bruno		POSITION TITLE MD, PhD, Professor of Neurology, Sorbonne	
EDUCATION/TRAINING			
INSTITUTION AND LOCATION	DEGREE (IF APPLICABLE)	YEAR(S)	FIELD OF STUDY
Medical studies, Nantes, France	Resident	1990	Medicine
University of Paris VI, France	Post graduate	1996	Neurology
University of Paris VI, France	MD	1998	Medicine
University of Paris VI, France	PhD	2002	Neurosciences
Commissariat aux energies atomiques	Post Doctorat	2004	Molecular Imaging
University Pierre/Marie Curie, France	HDR	2010	Neuroscience
RESEARCH AND PROFESSIONAL EXPERIENCE:			
<p><u>Personal Statement:</u></p> <p>Bruno Stankoff, MD, PhD, is a neurologist, professor of neurology in Sorbonne-Université, Paris, expert in multiple sclerosis care and research since 20 years. He is leading the MS clinics of Saint Antoine Hospital, belonging to Sorbonne Universités, APHP (Assistance Publique des Hôpitaux de Paris), and co-lead the research team entitled « Repair in Multiple Sclerosis: from basic science to clinical translation”, at the Brain and Spinal Cord Institute (ICM, INSERM UMR_1127/CNRS 7225). He is also co-leading the work package “Multiple Sclerosis” of the ICM/IHU of translational Neuroscience. His main expertise domains are, the search for pharmacological strategies for remyelination, and the development of translational imaging techniques for the assessment of tissue injury and repair in MS, with a specific interest in molecular imaging. He has recently initiated several programs aimed at imaging by PET remyelination, neurodegeneration and innate immune cells mediated inflammation in MS. He has peer-reviewed more than 100 international articles (prestigious journal such as Nature Reviews, Science Translational Medicine, Brain, Annals of Neurology, J Neurosci...), and published more than 100 peer-reviewed international articles. He is member of several international and national representative structures:ECTRIMS Council and executive committee, MAGNIMS European imaging network, OFSEP steering committee, foundation ARSEP medico-scientific committee, French MS Society (SFSEP), Brain Research Foundation (FRC).</p> <p>Academic responsibilities</p> <p>ECTRIMS Council (2016-) and ECTRIMS executive committee (2018-); MAGNIMS affiliation (2016-); OFSEP steering committee (2016-); Medico-scientific committee of foundation ARSEP (2010-); Scientific committee of FRC (fondation pour la recherche pour le cerveau, 2017-) ; French MS Society (steering committee 2015-18) ; Collegiale de neurologie committee (2011-) ; Scientific committee of APHP (Assistance Publique des Hopitaux de Paris, 2012-18).</p>			

Previous employments:

2014-: Research team “mechanisms of myelination and myelin repair”, ICM (Institut du Cerveau et de la moelle), UPMC/INSERM UMR_1127/CNRS 7225 **Hôpital Pitié-Salpêtrière**, Paris: co-head.

2011- : **Full professor of neurology**, University Pierre et Marie Curie, UPMC -Paris VI (1st class 2016-2008 to now: coordinator of the MS centre, neurology department, Hôpital Saint Antoine, HUEP, APHP, Paris.

2004-2011: Associate professor in cell biology, University Pierre et Marie Curie, UPMC -Paris VI.

2004 to 2008: practitioner in Pharmacology, pharmacology unit, Hôpital Pitié-Salpêtrière, Paris.

2001 to 2003: assistant to the head of clinical research centre (CIC) Pitié-Salpêtrière Hospital.

1999 to 2001: chief resident, assistant to the head of neurology department Pitié-Salpêtrière Hospital

Research supports: Foundation ARSEP, PMSA, IHU-A-ICM, PHRC, ANR; total grant generated: > 3M€

Invitations for international conferences and lectures during the past 3 years.

14th International Society of Neurochemistry meeting on myelin, Montreal, Aug 2019

ECTRIMS Regional teaching course, Tuymen, Russia, May 2019

28th Annual ARSEP meeting, Paris May 2019

22th advanced course on MRI in Multiple Sclerosis, Milan, Mai 2019

Journée Liégoise de la Sclérose en plaques, Liège, March 2019

At the limits, Multiple Sclerosis, London, Oct 2018, Jan 2019

At the limits, Multiple Sclerosis, London, Oct 2018, Jan 2019

European Charcot Foundation, ECTRIMS, Berlin, Germany, Oct 2018

International Society of Neuroimmunology, Brisbane, Australia, Aug 2018

Fondation ARSEP scientific meeting: 2018; 2015

Ectrims/Actrims teaching course, Paris, France, Oct 2017

World Congress of Neurology, Kyoto, Japan, Sept 2017

Microglia meeting 2017, Groningen, April 2017

20th Advanced Course on MRI Techniques in Multiple Sclerosis, Milan, Italy, March 2017

Ectrims focused workshop, Roma, Italy, March 2017

Ectrims teaching course, London, UK, Sept 2016

EAN 2016, Berlin, 2016 lecture and coordination of a focused symposium

Five Selected Recent Publications.

Stankoff B, Poirion E, Tonietto M, Bodini B. Exploring the heterogeneity of MS lesions using positron emission tomography: a reappraisal of their contribution to disability. **Brain Pathology**, 2018, 28(5):723-734.

Bodini B, Veronese M, Garcia-Lorenzo D, Battaglini M, Poirion E, Chardain A, Freeman L, Louapre C, Tchikviladze, Papeix C, Dolle F, Zalc B, Lubetzki c, Bottlaender M, Turkeimer F, **Stankoff B**. Dynamic imaging of individual remyelination profiles in multiple sclerosis. **Ann Neurol**, 2016, 9(5):726-738. doi: 10.1002/ana.2462.

Freeman L, Garcia-Lorenzo D, Bottin L, Leroy C, Louapre C, Bodini B, Papeix C, Assouad R, Granger B, Tourbah A, Dollé F, Lubetzki C, Bottlaender M, **Stankoff B**. The neuronal component of gray matter damage in multiple sclerosis: a PET study with [¹¹C]-Flumazenil. **Ann Neurol**, 2015, Oct;78(4):554-67.

Stankoff B, Freeman L, Aigrot MS, Chardain A, Dolle F, Williams A, Galanaud D, Armand L, Lehericy S, Lubetzki C, et al.: Imaging central nervous system myelin by positron emission tomography in multiple sclerosis using [methyl-(1)(1)C]-2-(4'-methylaminophenyl)- 6-hydroxybenzothiazole. **Ann Neurol** 2011,69:673-680.

Louapre C, Perlberg V, Garcia-LorenzoD, Urbanski M, Benali H, Assouad R, Galanaud D, Freeman L,

Papeix C, Tourbah A, Lubetzki C, Lehericy S, **Stankoff B**. Brain disconnection in early severe MS related cognitive disorders. **Human Brain Mapping**, 2014, 35(9):4706-17.

