

Romana Höftberger

General information

Höftberger, Romana, Assoc.-Prof. Dr. med., *22.07.1975, female
Medical University Vienna
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Current position: Professor of Neuropathology

Research Topics

Autoimmune encephalitis, neuroimmunology, neuropathology, antibody-mediated synaptic dysfunction, antigen discovery

University training and degree

Medical studies (1993–2001), Medical University of Vienna

Career

since 2014	Associate professor, Institute of Neurology, Medical University Vienna
2012-2014	Erwin-Schrödinger research fellowship, Service of Neurology, University of Barcelona, Spain. Supervisors: Prof. Dr. Josep Dalmau, Prof. Dr. Francesc Graus
2011	Habilitation: Neuropathology, Medical University of Vienna, Mentor: Prof. Dr. Herbert Budka
2003–2010	Neuropathology resident, Institute of Neurology, Medical University of Vienna (Chair: Prof. Dr. Herbert Budka)
2000-2003	Research fellow at the Center for Brain Research, Department of Neuroimmunology. Supervisor: Prof. Dr. Hans Lassmann

Other

since 2012	Executive Advisory Board member Clinical Neuropathology
2008	Young Investigator Award of the Organization of the 9 th European Congress of Neuroathology, the European Confederation of Neuropathological Societies (Euro-CNS) and the Hellenic Society of Neuropathology
2007	Young Scientist Award of the United Leukodystrophy Foundation
since 2004/16	Member: Austrian Association for Neuropathology; German Association for Neuropathology; European Confederation of Neuropathological Societies; Austrian Association for Neurology

10 selected Publications

Articles

1. Gelpi E*, **Höftberger R***, Graus F, Ling H, Holton JL, Dawson T, Popovic M, Pretnar-Oblak J, Högl B, Schmutzhard E, Poewe W, Ricken G, Santamaria J, Dalmau J, Budka H, Revesz T, Kovacs GG. 2016 Neuropathological criteria of anti-IgLON5-related tauopathy. *Acta Neuropathol* 132:531-543
2. **Höftberger R**, Leisser M, Bauer J, Lassmann H. 2015 Autoimmune encephalitis in humans: how closely does it reflect multiple sclerosis? *Acta Neuropathol Commun* 3:80
3. Ariño H*, **Höftberger R***, Gresa-Arribas N, Martinez-Hernandez E, Armangue T, Kruer MC, Arpa J, Domingo J, Rojc B, Bataller L, Saiz A, Dalmau J, Graus F. 2015 Paraneoplastic Neurological Syndromes and Glutamic Acid Decarboxylase Antibodies. *JAMA Neurol* 72:874-881
4. **Höftberger R**, van Sonderen A, Leypoldt F, Houghton D, Geschwind M, Gelfand J, Paredes M, Sabater L, Saiz A, Titulaer MJ, Graus F, Dalmau J. 2015 Encephalitis and AMPA receptor antibodies: novel findings in a case series of 22 patients. *Neurology* 84:2403-2412
5. Leypoldt F*, **Höftberger R***, Titulaer MJ*, Armangue T, Gresa-Arribas N, Jahn H, Rostasy K, Schlumberger W, Meyer T, Wandinger KP, Rosenfeld MR, Graus F, Dalmau J. 2014 Investigations on CXCL13 in Anti-N-Methyl-D-Aspartate Receptor Encephalitis: A Potential biomarker of Treatment Response. *JAMA Neurol* 72:180-186
6. **Höftberger R**, Sepulveda M, Armangue T, Blanco Y, Rostásy K, Cobo Calvo A, Olascoaga J, Ramió-Torrentà L, Reindl M, Benito-León J, Casanova B, Arrambide G, Sabater L, Graus F, Dalmau J, Saiz A. 2015 Antibodies to MOG and AQP4 in adults with neuromyelitis optica and suspected limited forms of the disease. *Mult Scler* 77:784-803.
7. Titulaer MJ, **Höftberger R**, Iizuka T, Leypoldt F, McCracken L, Cellucci T, Benson LA, Shu H, Irioka T, Hirano M, Singh G, Cobo Calvo A, Kaida K, Morales PS, Wirtz PW, Yamamoto T, Reindl M, Rosenfeld MR, Graus F, Saiz A, Dalmau J. 2014 Overlapping demyelinating syndromes and anti-N-methyl-D-aspartate receptor encephalitis. *Ann Neurol* 75:411-428
8. **Höftberger R**, Sabater L, Marignier R, Aboul-Enein F, Bernard-Valnet R, Rauschka H, Ruiz A, Blanco Y, Graus F, Dalmau J, Saiz A. An optimized immunohistochemistry technique improves NMO-IgG detection: study comparison with cell-based assays. *PLoS One* 8:e79083
9. **Höftberger R**, Titulaer M, Sabater L, Balazs D, Rozsas A, Hegedus B, Hoda MA, Viktoria L, Ankersmit HJ, Harms L, Boyero S, De Felipe A, Saiz A, Dalmau J, and Graus F. 2013 Encephalitis and GABA_B receptor antibodies: novel findings in a new case series of 20 patients. *Neurology* 81:1500-1506

Other publications

10. **Höftberger R**, Lassmann H. 2017 Chapter 19: Inflammatory demyelinating diseases of the central nervous system and Chapter 20: Immune-mediated disorders. *Handb Clin Neurol* 145:263-299

* equal contribution; # shared seniority