

- Zrzavy T, Hametner S, Wimmer I, Butovsky O, Weiner H, Lassmann H (2017) Loss of 'homeostatic' microglia and patterns of their activation in active multiple sclerosis **Brain**, 140 (7): 1900-1913
- Dal-Bianco A, Grabner G, Kronnerwetter C, Weber M, Höftberger R, Berger T, Auff E, Leutmezer F, Trattinig S, Lassmann H, Bagnato F, Hametner S (2017) Slow expansion of multiple sclerosis iron rim lesions: pathology and 7 T magnetic resonance imaging **Acta Neuropathol**, 133(1): 25-42
- Haider L, Zrzavy T, Hametner S, Höftberger R, Bagnato F, Grabner G, Trattinig S, Pfeifenbring S, Brück W, Lassmann H (2016) The topography of demyelination and neurodegeneration in the multiple sclerosis brain **Brain**, 139 (3): 807-815
- Höftberger R, Leisser M, Bauer J, Lassmann H (2015) Autoimmune encephalitis in humans: how closely does it reflect multiple sclerosis ? **Acta Neuropathologica Communications**, 3 (1): 80
- Frischer J, Weigand S, Guo Y, Kale N, Parisi J, Pirko I, Mandrekar J, Bramow S, Metz I, Brück W, Lassmann H, Lucchinetti C (2015) Clinical and pathological insights into the dynamic nature of the white matter multiple sclerosis plaque **Ann Neurol**, 78(5): 710-721
- Mahad DH, Trapp BD, Lassmann H (2015) Pathological mechanisms in progressive multiple sclerosis **Lancet Neurology**, 14: 183-93
- Fischer MT, Wimmer I, Höftberger R, Gerlach S, Haider L, Zrzavy T, Hametner S, Mahad D, Binder CJ, Krumbholz M, Bauer J, Bradl M, Lassmann H. (2013) Disease-specific molecular events in cortical multiple sclerosis lesions **Brain**, 136(Pt 6): 1799-1815
- Hametner S, Wimmer I, Haider L, Pfeifenbring S, Brück W, Lassmann H. (2013) Iron and Neurodegeneration in the Multiple Sclerosis Brain **Ann Neurol**, 74: 848-861
- Lassmann H, van Horssen J, Mahad D (2012) Progressive multiple sclerosis: pathology and pathogenesis **Nat Rev Neurol**, 8(11): 647-656
- Fischer MT, Sharma R, Lim J, Haider L, Frischer J, Drexhage J, Mahad D, Bradl M, van Horssen J, Lassmann H (2012) NADPH Oxidase Expression in Active Multiple Sclerosis Lesions in Relation to Oxidative Tissue Damage and Mitochondrial Injury **Brain**, 135: 886-899
- Bradl M, Misu T, Takahashi T, Watanabe M, Mader S, Reindl M, Adzemovic M, Bauer J, Berger T, Fujihara K, Itoyama Y, Lassmann H. (2009) Neuromyelitis optica: Pathogenicity of patient immunoglobulin in vivo **Ann Neurol**, 66(5): 630-643
- Dal Bianco A, Bradl M, Frischer J, Kutzelnigg A, Jellinger K, Lassmann H (2008) Multiple sclerosis and Alzheimer's disease **Ann Neurol**, 63(2): 174-183
- Kutzelnigg A, Lucchinetti CF, Stadelmann C, Bruck W, Rauschka H, Bergmann M, Schmidbauer M, Parisi JE, Lassmann H (2005) Cortical demyelination and diffuse white matter injury in multiple sclerosis. **Brain**. 128(Pt 11):2705-2712
- Lucchinetti CF, Mandler RN, McGavern D, Bruck W, Gleich G, Ransohoff RM, Trebst C, Weinshenker B, Wingerchuk D, Parisi JE, Lassmann H (2002) A role for humoral mechanisms in the pathogenesis of Devic's neuromyelitis optica. **Brain** 125:1450-1461
- Lucchinetti C, Brück W, Parisi J, Scheithauer B, Rodriguez M, Lassmann H (2000) Heterogeneity of multiple sclerosis lesions: Implications for the pathogenesis of demyelination. **Ann Neurol** 47:707-717