



# Wissenschaftliche Publikationen

bis 09/2018

# Originalarbeiten

## 2018

Schwartz A, Spiegel J, Dillmann U, Grundmann D, Bürmann J, Faßbender K, Schäfer KH, Unger MM. Fecal markers of intestinal inflammation and intestinal permeability are elevated in Parkinson's disease. *Parkinsonism Relat Disord*. 2018 May;50:104-107.

Kalampokini S, Lyros E, Luley M, Schöpe J, Spiegel J, Bürmann J, Dillmann U, Fassbender K, Unger MM. Facial emotion recognition in Parkinson's disease: Association with age and olfaction. *J Clin Exp Neuropsychol*. 2018 Apr;40(3):274-284.

Das RR, Unger MM. Diabetes and Parkinson disease: A sweet spot? *Neurology*. 2018 May 8;90(19):869-870.

## 2017

Boura E, Stamelou M, Vadasz D, Ries V, Unger MM, Kägi G, Oertel WH, Möller JC, Mylius V. Is increased spinal nociception another hallmark for Parkinson's disease? *J Neurol*. 2017 Mar;264(3):570-575.

Yilmaz U, Körner H, Mühl-Benninghaus R, Simgen A, Kraus C, Walter S, Behnke S, Faßbender K, Reith W, Unger MM. Acute Occlusions of Dual-Layer Carotid Stents After Endovascular Emergency Treatment of Tandem Lesions. *Stroke*. 2017 Aug;48(8):2171-2175.

Wagner J, Vulinović F, Grünewald A, Unger MM, Möller JC, Klein C, Michel PP, Ries V, Oertel WH, Alvarez-Fischer D. Acylated and unacylated ghrelin confer neuroprotection to mesencephalic neurons. *Neuroscience*. 2017 Dec 4;365:137-145.

## 2016

Unger MM, Spiegel J, Dillmann KU, Grundmann D, Philippeit H, Bürmann J, Faßbender K, Schwartz A, Schäfer KH. Short chain fatty acids and gut microbiota differ between patients with Parkinson's disease and age-matched controls. *Parkinsonism Relat Disord*. 2016;32:66-72

Grün D, Pieri V, Vaillant M, Diederich NJ. Contributory Factors to Caregiver Burden in Parkinson Disease. *J Am Med Dir Assoc*. 2016;17(7):626-32.

## 2015

Unger MM, Sakakibara R. Does REM sleep behavior disorder have the guts to be Parkinson disease? *Neurology*. 2015;85(20):1732-3.

Postuma RB, Iranzo A, Hogl B, Arnulf I, Ferini-Strambi L, Manni R, Miyamoto T, Oertel W, Dauvilliers Y, Ju YE, Puligheddu M, Sonka K, Pelletier A, Santamaria J, Frauscher B, Leu-Semenescu S, Zucconi M, Terzaghi M, Miyamoto M, Unger MM, Carlander B, Fantini ML, Montplaisir JY. Risk factors for neurodegeneration in idiopathic rapid eye movement sleep behavior disorder: a multicenter study. *Ann Neurol*. 2015;77(5):830-9.

## 2014

Frauscher B, Jennum P, Ju YE, Postuma RB, Arnulf I, Cochen De Cock V, Dauvilliers Y, Fantini ML, Ferini-Strambi L, Gabelia D, Iranzo A, Leu-Semenescu S, Mitterling T, Miyamoto M, Miyamoto T, Montplaisir JY, Oertel W, Pelletier A, Prunetti P, Puligheddu M, Santamaria J, Sonka K, Unger M, Wolfson C, Zucconi M, Terzaghi M, Högl B, Mayer G, Manni R. Comorbidity and medication in REM sleep behavior disorder: a multicenter case-control study. *Neurology*. 2014;82(12):1076-9.

Ferini-Strambi L, Oertel W, Dauvilliers Y, Postuma RB, Marelli S, Iranzo A, Arnulf I, Birgit H, Manni R, Miyamoto T, Fantini ML, Puligheddu M, Jennum P, Sonka K, Santamaria J, Zucconi M, Rancoita PM, Leu-Semenescu S, Frauscher B, Terzaghi M, Miyamoto M, Unger M, Stiasny-Kolster K, Desautels A, Wolfson C, Pelletier A, Montplaisir J. Autonomic symptoms in idiopathic REM behavior disorder: a multicentre case-control study. *J Neurol*. 2014;261(6):1112-8.

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## 2012

Postuma RB, Montplaisir J, Pelletier A, Dauvilliers Y, Oertel WH, Iranzo A, Ferini-Strambi L, Arnulf I, Högl B, Manni R, Miyamoto T, Mayer G, Stiasny-Kolster K, Puligheddu M, Ju Y, Jennum P, Sonka K, Santamaria J, Fantini ML, Zucconi M, Leu-Semenescu S, Frauscher B, Terzaghi M, Miyamoto M, Unger M, DeCock VC and Wolfson C. Environmental Risk Factors for REM sleep behavior disorder: A multicentre case-control study. *Neurology*. 2012;79(5):428-34.

Menzler K, Belke M, Unger MM, Ohletz T, Keil B, Heverhagen JT, Rosenow F, Mayer G, Oertel WH, Möller JC, Knake S. DTI reveals hypothalamic and brainstem white matter lesions in patients with idiopathic narcolepsy. *Sleep Med.* 2012;13(6):736-42.

Postuma RB, Arnulf I, Hogl B, Iranzo A, Miyamoto T, Dauvilliers Y, Oertel W, Ju YE, Puligheddu M, Jennum P, Pelletier A, Wolfson C, Leu-Semenescu S, Frauscher B, Miyamoto M, Cochen De Cock V, Unger MM, Stiasny-Kolster K, Livia Fantini M, Montplaisir JY. A single-question screen for rapid eye movement sleep behavior disorder: A multicenter validation study. *Mov Disord.* 2012;27(7):913-6.

## **2011**

Unger MM, Möller JC, Mankel K, Eggert KM, Bohne K, Bodden M, Stiasny-Kolster K, Kann PH, Mayer G, Tebbe JJ, Oertel WH. Postprandial ghrelin response is reduced in patients with Parkinson's disease and idiopathic REM sleep behaviour disorder: a peripheral biomarker for early Parkinson's disease? *J Neurol.* 2011;258(6):982-90.

Unger MM, Möller JC, Mankel K, Schmittinger K, Eggert KM, Stamelou M, Stiasny-Kolster K, Bohne K, Bodden M, Mayer G, Oertel WH and Tebbe JJ Patients with idiopathic rapid-eye-movement sleep behaviour disorder show normal gastric motility assessed by the <sup>13</sup>C-octanoate breath test. *Mov Disord.* 2011;26(14):2559-63.

## **2010**

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Unger MM, Hattemer K, Möller JC, Schmittinger K, Mankel K, Eggert K, Tebbe JJ, Keil B, Oertel WH, Heverhagen JT, Knake S. Real-time visualization of altered gastric motility by magnetic resonance imaging in patients with Parkinson's disease. *Mov Disord.* 2010;25(5):623-628.

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## **2009**

Unger MM, Möller JC, Ohletz T, Stiasny-Kolster K, Oertel WH, Mayer G. Transcranial midbrain sonography in narcoleptic subjects with and without concomitant REM sleep behaviour disorder. *Journal of Neurology.* 2009;256(6):874-7.

## **2008**

Unger MM, Möller JC, Stiasny-Kolster K, Mankel K, Berg D, Walter U, Hoeffken H, Mayer G, Oertel WH. Assessment of idiopathic rapid-eye-movement sleep behaviour disorder by transcranial sonography, olfactory function test and FP-CIT-SPECT. *Mov Disord.* 2008;23(4):596-9.

Unger MM, Reese JP, Oertel WH, Eggert KM. Real-life evaluations of compliance with mandatory drug safety monitoring exemplified with tolcapone in Parkinson's disease. *Eur Neurol.* 2008;60:122-126.

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## 2004

Wei J, Blum S, Unger M, Jarmy G, Lamparter M, Geishauser A, Vlastos GA, Chan G, Fischer KD, Rattat D, Debatin KM, Hatzopoulos AK, Beltinger C. Embryonic endothelial progenitor cells armed with a suicide gene target hypoxic lung metastases after intravenous delivery. *Cancer Cell.* 2004;5(5):477-88.

# Übersichtsarbeiten

Becker A, Faßbender K, Oertel WH, Unger MM. A punch in the gut – Intestinal inflammation links environmental factors to neurodegeneration in Parkinson's disease. *Parkinsonism Relat Disord.* 2018 Sep 29. pii: S1353-8020(18)30428-0.

Unger MM, Fassbender K. Relevance of Long QT in clinical neurology. *World Journal of Neurology* 2013;3(3):25-28.

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Möller JC, Eggert KM, Unger M, Odin P, Chaudhuri KR, Oertel WH. Clinical risk-benefit assessment of dopamine agonists. *Eur J Neurol.* 2008;15 Suppl 2:15-23.

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# Buchkapitel

Unger MM & Oertel WH. Ghrelin and Parkinson's disease. Central functions of the ghrelin receptor. Portelli, Smolders (Hrsg.). Springer, 2014, ISBN-13: 978-1493908226

Unger MM & Oertel WH. Ghrelin: a gastric peptide linking sleep and energy balance in Handbook of nutrition, diet and sleep. Preedy (Hrsg.). Wageningen Academic Publishers, 2013, ISBN-13: 978-9086862085

Unger MM & Högl B. REM-Schlaf-Verhaltensstörung in Parkinson-Syndrome und andere Bewegungsstörungen. Oertel, Deuschl, Poewe (Hrsg.). Thieme Verlag, 2011, ISBN-13: 978-3131487810

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Unger MM & Oertel WH. RBD, Gastric Peptides, and Gastric Motility in Rapid-Eye-Movement Sleep Behavior Disorder. Carlos H. Schenck, Birgit Högl, Aleksandar Videnovic (Hrsg.). Springer International Publishing, 2019, ISBN-13: 978-3-319-90151-0, eBook ISBN978-3-319-90152-7