

## Foreign research activities and Guest Professorships connected with EPU:

**2005**      **Guest Professor Jilin University, China**  
**2010**      **Guest Professor Bin Zhou Medical University, Yantai, China**  
**2010**      **Guest Professor Inner Mongolian University of the Nationalities,  
Tong Liao, China**  
**2011**      **Guest Professorship Agriculture University Dushanbe, Tajikistan**  
**2016**      **Honorary Professor of Kazakh Agrarian University, Almaty,  
Kazakhstan**

## PROJECTS AND COOPERATIONS:

### WITH CHINA

Joint Project on TCM and Age Related Diseases in between the TCM Research Cluster Austria and Sino-Austrian Collaborating Centre for Chinese Medical Sciences, Chinese Academy of Chinese Medical Sciences, Beijing, China supported by MOST and the Austrian Ministeries for Health and Science 2010-2014.

**Rosthorn Medal 2011** for "Merits for Austrian-Chinese Relationships" by the Austrian Parliament

### Publications from 2010:

#### 2018

[Wang, F; Cao, Y; Ma, L; Pei, H; Rausch, WD; Li, H](#) (2018): Dysfunction of Cerebrovascular Endothelial Cells: Prelude to Vascular Dementia. *Front Aging Neurosci.* 2018; 10:376

[Wang, F; Li, H; Zhou, J; Wang, X; Rausch, WD; Fan, J](#) (2018): Protective effects of Tongluo Huatan capsule and ursodeoxycholic acid on MPP+ induced mouse midbrain neurons. *Journal of Yunnan University of Traditional Chinese Medicine* 2018; 41(1): 1-7.

Wang, X; Zhuang, W; Fu, W; Wang, X; Lv, E; Li, F; Zhou, S; Rausch, WD; Wang, X (2018): The lentiviral-mediated Nurr1 genetic engineering mesenchymal stem cells protect dopaminergic neurons in a rat model of Parkinson's disease. *Am J Transl Res.* 2018; 10(6):1583-1599

#### 2017

Andrukhov, O; Hong, JS; Andrukhova, O; Blufstein, A; Moritz, A; Rausch-Fan, X (2017): Response of human periodontal ligament stem cells to IFN- $\gamma$  and TLR-agonists. *Sci Rep.* 2017; 7(1):12856

Chang, Y; Zhang, P; Jurhiin, J; Zhang, X; Borgihiin, W; Zhao, H; Koo, S; Rausch, W-D; Agula, B; Bao, B (2017): Aethusifolins A–D: Four new components from a traditional Mongolian medicinal herb *Clematis aethusifolia* Turcz. *Phytochemistry Letters* 2017; 22: 87-91

Chang, Y; Zhang, P; Zhang, X; Chen, J; Rausch, WD; Gula, A; Bao, B (2017): Cytotoxic activities of flavonoids from a traditional Mongolian medicinal herb *Clematis aethusifolia* Turcz. *Nat Prod Res.* 2017; 31(10):1223-1227

**2016**

Guo, SS; Cui, XL; Rausch, WD (2016): Ganoderma Lucidum polysaccharides protect against MPP(+) and rotenone-induced apoptosis in primary dopaminergic cell cultures through inhibiting oxidative stress. *Am J Neurodegener Dis.* 2016; 5(2):131-144

Zhang, X; Wang, Y; Ma, C; Yan, Y; Yang, Y; Wang, X; Rausch, WD (2016): Ginsenoside Rd and ginsenoside Re offer neuroprotection in a novel model of Parkinson's disease. *Am J Neurodegener Dis* (5), 1 52-61.

**2015**

Rosenthaler, S; Pöhn, B; Kolmanz, C; Nguyen Huu, C; Krewenka, C; Huber, A; Kranner, B; Rausch, WD; Moldzio, R (2014): Differences in receptor binding affinity of several phytocannabinoids do not explain their effects on neural cell cultures. *Neurotoxicol Teratol.* 2014; 46:49-56

**2013****2012**

Brugger, K; Rausch, WD (2012): Brücken nach Asien schlagen. *Vetmedmagazin* 3, 28-29.

Li, Q; Wang, Y; Moldzio, R; Lin, W; Rausch, WD (2012): Swainsonine as a lysosomal toxin affects dopaminergic neurons. *J Neural Transm.* 2012; 119(12):1483-1490

Zhou, X; Miao, H; Rausch, WD; Long, M; Luo, X; Yu, H; Zhang, X; Bayahemaiti, K; Abulizi, P; Keyimu, K (2012): Association between apolipoprotein E gene polymorphism and Alzheimer's disease in Uighur and Han populations. *Psychogeriatrics.* 2012; 12(2):83-87

**2011**

Rausch, WD; Moldzio, R; Radad, K (2011): Neuroprotection from nutrients in neural culture. *World Parkinson Congress, Shanghai, CHINA, DEC 11-14, 2011. Parkinsonism & Related Disorders* 163.

**2010**

Khaled, R; Moldzio, R; Liu, LL; Rausch, WD (2010): Chinese Herbal Medicine: Perspectives on Age-Related Neurodegenerative Diseases. IN: Ping-Chung, L [Hrsg.]: *Healthy Aging. (Annals of Traditional Chinese Medicine ; 4).* Hong Kong, World Scientific Publishing, pp. 143-170. ISBN: 978-981-4317-71-9.

Lu, H; Huang, YD; Zhao, BY; Hu, JJ; Li, QF; Rausch, WD (2010): Studies on hemorrhagic pneumonia in *Moschus sifanicus*. *Afr J Biotechnol* (9), 13 2010-2015.

Ma, C; Ma, L; Rausch, WD (2010): Dopaminergic neuroprotection of *Poacynum hendersonii* in MPTP mouse. *Chinese Pharmacological Bulletin* (26), 3 397-400.

Moldzio, R; Radad, K; Krewenka, C; Kranner, B; Duvigneau, JC; Wang, Y; Rausch, WD (2010): Effects of epigallocatechin gallate on rotenone-injured murine brain cultures. *J Neural Transm.* 2010; 117(1):5-12

Yan, Y; Ma, C; Wichart, I; Moldzio, R; Riederer, P; Rausch, WD (2010): Antioxidative potential of quercetin analogues against MPP+ toxicity in dopaminergic cells. -2nd World Parkinson Congress; SEP 28 - OCT 1, 2010; Glasgow, UNITED KINGDOM.

Zhang, X; Moldzio, R; Wang, Y; Cheng, M; Yan, Y; Yang, Y; Rausch, WD (2010): Ginsenosides Rd and Re Promote Survival and Neurite Outgrowth of Carbon Tetrachloride-Affected Mesencephalic Dopaminergic Cells. 422-429.-10th International Symposium on Ginseng; SEP 13-16, 2010; Seoul, KOREA.