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Employment and Education		
1999	ongoing	Associate Professor for Blood Group Serology and Transfusion Medicine as well as Immunology, Medical University of Vienna
2013	ongoing	Professor of 'Tissue and Organ Replacement, 'Center for Biomedical Technology, Danube University Krems
1996	ongoing	Appointed 'Instructor in Pathology,' Harvard Medical School Boston, MA, USA
Education and Academic Degrees		
2011	ongoing	MBA in 'Health Care Management', at the Danube University Krems
2008	2010	Academic expert in 'HospitalLeadership' at the Danube University Krems
2010		'Habilitation'- lecture qualification in 'Blood Group Serology and Transfusion Medicine'
2010		Training for and 'Clinical Monitor' by the Austrian Medical Association (Österreichische Ärztekammer ÖÄK)
2004		Board certification as 'Specialist in Blood Group Serology and Transfusion Medicine', Austrian Medical Association (ÖÄK)
1999		Training for a 'Clinical Investigator' by the Austrian Medical Association (ÖÄK)
1997		'Habilitation' - lecture qualification in 'Immunology'

1998		Board certification as 'Specialist in Immunology', Austrian Medical Association (ÖÄK)
1997	1999	Internship at the 'Clinic Hietzing', an Institution of the 'Wiener Gesundheitsverbund'
1996	1997	Appointed Faculty Member of the Department of Pathology, Harvard Medical School Boston, MA, USA
1994	1996	Senior Postdoctoral Fellow, Department of Pathology, Harvard Medical School, Erwin Schrödinger International Scholarship given by the Austrian Science Funds (FWF)
1988	1994	Postdoctoral Fellow at the Institute of Immunology, Specialization in Clinical Immunology, University of Vienna
1986	1988	Austrian Army Service joining the 'Sports Company' (HSNS) as member of the Austrian Olympic Sailing Team
1986		Graduation as 'Medical Doctor' at the University of Vienna
1980	1986	Medical Faculty of the University of Vienna, Austria
1972	1980	Gymnasium Wien, BRG-17
Academic Awards		
2020/02		'Best Paper of the month', Medical University of Vienna (Thaler B, et al. Blood. 2019 Aug ;134(6):561-567)
2006		'Best Paper of the year', Medical University of Vienna, (Willeit M, et al. Neuropsychopharmacol. 2007, Sept. 19:3241-53)
2007		'Best Dissertation' of the Medical University of Vienna and 'Wilhelm-Auerswald Prize' to David Hollemann (Hollemann D, et al J. Neuropathol. Experiment. Neurol. 2008, 67: 711-9)
Administrative Tasks and Services to the Universities		
2019 - ongoing		Member of the Commission for curricular development of the Danube University Krems
2018 - 2019		Member of the Senate of the Danube University Krems
2014 - ongoing		Head of the PhD-Program in Regenerative Medicine of the Danube University Krems
2011 - 2013		Vice-Director of the Curriculum for Medical Dentistry, University Clinic of Dentistry, Medical University of Vienna

Mentoring and supervision experience

From the onset of his academic career and after his 'venia docendi' in immunology 1998 MBF supervised several dissertations and master theses at Austrian Universities and Harvard Medical School. He supervised a total of 20 dissertations and 3 master theses; notably, Reinhard Gruber's habilitation trail and subsequently his application for Full Professor in 'Oral Biology' at the University Clinic of Dentistry Vienna, the habilitation of Julia V. Wanschitz (Department of Neurology, Medical University of Innsbruck), Martin Kurz (Department for Blood Group Serology and Transfusion Medicine, MUW) and Herman Agis (Executive Director-Fulbright Austria) and the current attempts for habilitation of Gerda Leitner (Department for Blood Group Serology and Transfusion Medicine), Sonja Walzer (Universitätsklinikum St. Pölten) and Sabrina Summer (DUK).

Recent Publications

Kocsis Á, et al. Dependence of mitochondrial function on the filamentous actin cytoskeleton in cultured mesenchymal stem cells treated with cytochalasin B.

10.1016/j.jbiosc.2021.05.010.

Bergmann M, et al. Signs of sympathetic and endothelial cell activation in the skin of patients with restless legs syndrome. **10.1016/j.sleep.2021.05.044**

Hohensinner PJ et al. Pharmacological inhibition of fatty acid oxidation reduces atherosclerosis progression by suppression of macrophage NLRP3 inflammasome activation. **10.1016/j.bcp.2021.114634.**

Fendl B, et al. Extracellular vesicles are associated with C-reactive protein in sepsis. **10.1038/s41598-021-86489-4.**

Dorfer S, et al. Deficiency of Cathelicidin-related Antimicrobial Peptide Promotes Skin Papillomatosis in Mus musculus Papillomavirus 1-infected Mice. **10.2340/00015555-3733**

Rüger BM, et al. De novo Vessel Formation Through Cross-Talk of Blood-Derived Cells and Mesenchymal Stromal Cells in the Absence of Pre-existing Vascular Structures. **10.3389/fbioe.2020.602210**

Dorfer S, et al. Mus musculus papillomavirus 1 is a key driver of skin cancer development upon immunosuppression. **10.1111/ajt.16358.**

Haider P, et al. Neutrophil Extracellular Trap Degradation by Differently Polarized Macrophage Subsets. **10.1161/ATVBAHA.120.314883**