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Personal Data

Date of Birth: March 28, 1957

Place of Birth: Vienna, Austria

Nationality: Austria

Education

1981 PhD University of Vienna (Zoology; Thesis: Investigation on the possible importation of mosquito-borne arboviruses by migrating birds to Central Europe)

1961-1975 High School

Main Research Interest

Research is focused on various aspects of the pathogenesis of atherosclerosis. Human primary cell types involved in this disease process, such as endothelial cells, smooth muscle cells, cardiac myocytes and fibroblasts, monocytes and macrophages, and preadipocytes and adipocytes are used in various in vitro models to study processes involved in the development and progression of atherosclerosis, such as inflammatory activation induced by particular cytokines, matrix degradation and remodeling by proteases and angiogenesis and neovascularization. Current projects investigate a possible role of the IL33/ST2 system in atherosclerosis, the possible impact of angiogenesis and inflammation in obesity and its association with cardiovascular disease and the specific role of different monocyte and macrophage subsets in atherosclerosis.

Career History

2013-present Head of the Organisational Unit Core Facilities, Medical University of Vienna, Austria

2007-2009 Head of the Department of Physiology, Medical University of Vienna, Austria

1999-present Associate Professor of Medical Physiology, Department of Internal Medicine II, Medical University of Vienna, Austria

1997-1999 Associate Professor of Medical Physiology, Department of Vascular Biology and Thrombosis Research, University of Vienna

1993-1996 Assistant Professor, Department of Medical Physiology, University of Vienna, Austria

- 1991-1993 Senior Scientist, Department of Diagnostic Haematology, Royal Melbourne Hospital, Australia
- 1990 Habilitation, Dozent of Medical Physiology, Department of Medical Physiology, University of Vienna, Austria
- 1989-1991 Assistant Professor, Department of Medical Physiology, University of Vienna, Austria
- 1986-1988 Postdoctoral fellow, Department of Pathology, Vanderbilt University, Nashville, USA
- 1983-1985 Assistant Professor, Department of Medical Physiology, University of Vienna, Austria

Awards

- 2003 Award of the Austrian Cardiologic Society
- 2001 Cardura Award
- 2000 Cardura Award
- 1996 Career Development Award of the City of Vienna
- 1992 Harry Lovat Fraser - Kathleen Fraser Research Award, The National Heart Foundation of Australia
- 1989 Hoechst-Award

Referee

Reviewer for peer-reviewed journals such as: Circulation, Journal of the American College of Cardiology, Blood, European Heart Journal, Cell Reports and many others.

Reviewer for national and international grants such as: Austrian Science Fund, Anniversary Fund of the Austrian National Bank, Belgian Federal Science Policy Office, Academy of Medical Sciences of the UK, for the Quality of Life and Management of Living Resources Programme, European Commission and for many others.

Editorial Boards

- 2007-present Section Editor for Fibrinolysis, Thrombosis and Haemostasis
- 2010-present Editorial Board Member, Vascular Pharmacology
- 2018-present Associate Editor, Cardiovascular Research

Membership Societies

- 1993-present Society for Thrombosis- and Haemostasis-Research
- 1994-present International Society for Fibrinolysis and Proteolysis
- 2000-present Austrian Cardiologic Society
- 2001-present International Society of Thrombosis and Haemostasis
- 2010-present Nucleus of the Working Group Thrombosis of the European Society of Cardiology
- 2015-present Council on Basic Cardiovascular Science of the European Society of Cardiology
- 2016-present Secretary of the Council on Basic Cardiovascular Science of the European Society of Cardiology

Grants

- 2017-2020 Ludwig Boltzmann Cluster for Cardiovascular Research: Inflammation and obesity - impact on cardiovascular disease, Ludwig Boltzmann Society, 260k€
- 2014-2021 Cellular mediators linking inflammation and thrombosis: Coagulatory phenotypes of monocyte and macrophage subsets, Austrian Science Funds, 1200k€
- 2014-2016 MicroRNA expression profiling of patients with carotid artery stenosis undergoing endarterectomy, Anniversary Fund of the Austrian National Bank, 190k€
- 2013-2017 Ludwig Boltzmann Cluster for Cardiovascular Research: Inflammation and obesity - impact on cardiovascular disease, Ludwig Boltzmann Society, 200k€

Publications

340 peer reviewed publications in scientific journals (based on PubMed)
h-Index: 60, Number of citations: 13346 (based on Google Scholar)

Top 10 Publications

- J Wojta, RL Jones, BR Binder, RL Hoover. **Blood** **71**:1703,1988
- J Wojta, M Gallicchio, H Zoellner, EL Filonzi, JA Hamilton, K. McGrath. **Blood** **81**:3285,1993
- J Wojta, T Nakamura, A Fabry, P Hufnagl, R Beckmann, K McGrath, BR Binder. **Blood** **84**:151,1994
- JC Zhang, A Fabry, L Paucz, J Wojta*, BR Binder. **Blood** **88**:3880,1996
- G Rega, C Kaun, TW Weiss, S Demyanets, G Zorn, SP Kastl, S Steiner, D Seidinger, CW Kopp, M Frey, R Roehle, G Maurer, K Huber, J Wojta*. **Circulation** **111**:1938,2005
- SP Kastl, WS Speidl, KM Katsaros, C Kaun, G Rega, A Assadian, GW Hagmueller, M Hoeth, R de Martin, Y Ma, G Maurer, K Huber, J Wojta*. **Blood** **114**:2812,2009
- A Niessner, PJ Hohensinner, K Rychli, S Neuhold, G Zorn, B Richter, M Hülsmann, R Berger, D Mörtl, K Huber, J Wojta*, R Pacher. **Eur. Heart J.** **30**:789,2009
- PJ Hohensinner, C Kaun, K Rychli, A Niessner, S Pfaffenberger, G Rega, A Furnkranz, P Uhrin, J Zaujec, T Afonyushkin, VN Bochkov, G Maurer, K Huber, J Wojta*. **FASEB J.** **23**:774,2009
- WS Speidl, SP Kastl, R Hutter, KM Katsaros, C Kaun, G Bauriedel, G Maurer, K Huber, JJ Badimon, J Wojta*. **FASEB J.** **25**:35,2011
- B Thaler, N Baik, PJ Hohensinner, J Baumgartner, A Panzenböck, S Stojkovic, S Demyanets, I Huk, G Rega-Kaun, C Kaun, M Prager, MB Fischer, K Huber, WS Speidl, RJ Parmer, LA Miles§, J Wojta§. **Blood** **134**:561,2019

*corresponding author, §shared last author