

Curriculum Vitae – Wolfgang Mikulits

Personal Data

Place of Birth: Wr. Neustadt, Austria
Nationality: Austria.
Acad. Degree: Assoc. Prof., Ph.D.
Current Position: Head of Research Focus “Tumor Progression and Metastasis” and Group Leader at the Institute of Cancer Research, Department of Medicine I, Medical University of Vienna
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Research Interest

Hepatocellular carcinoma, epithelial to mesenchymal transition, cell signaling, tumor-stroma interaction, selective translation control, biomarker, metastasis.

Scientific Education and Career History

1989 - 1993 Study of Molecular Genetics
1993 - 1994 Diploma Thesis at the Institute of Molecular Biology, University of Vienna
1994 - 1996 PhD thesis at the Institute of Molecular Biology, University of Vienna
1996 - 1998 Post-doc at the Institute of Molecular Pathology (IMP), group Hartmut Beug
1998 - 2001 Assistant Professor, Institute of Cancer Research, Vienna
2001 Venia Docendi (Habilitation) in Medical Biochemistry
2002 – present Associate Professor at the Institute of Cancer Research, Vienna
2012 - 2016 Visiting Professor at the Faculty of Science, Palacky University, Olomouc, Czech Republic
2013 – present Head of Research Focus “Tumor Progression and Metastasis”
2017 - present PhD program coordinator – Malignant Diseases and Clinical Oncology

Fellowships and Awards (5 most important)

2001 Award of Hepatology, Falk Foundation, Germany
2001 Award of Science, Vienna
2003 Award of Hepatology, Falk Foundation, Germany
2004 Award of Austrotransplant
2004 Award of Innovative and Interdisciplinary Cancer Research

Reviewer for granting agencies

2005 – present	Reviewer for AICR, Academy of Science, Canadian Institutes of Health Research, Czech Science Foundation, Danish Council for Strategic Research, Institut National du Cancer, The German Israeli Foundation for Scientific Research and Development, HRB Health Research Awards, The Israel Science Foundation, Interfakultäres Zentrum für Pharmakogenomik und Arzneimittelforschung an der Universität Tübingen, Medizinisch-Wissenschaftlicher Fonds des Bürgermeisters der Bundeshauptstadt Wien, Fonds der Stadt Wien für Innovative und Interdisziplinäre Krebsforschung, Morbus Osler Stiftung, Tiroler Wissenschaftsfonds, Akademie der Wissenschaften, Fonds National de la Recherche Luxembourg, Cancer Society of New Zealand, National centre for the Replacement, Refinement and Reduction of Animals in Research
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Conference organization

2005	Organizer of the Congress “Tumor Invasion and Metastasis – Bridging
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	Basic to Clinical Research”, Vienna, Austria; March 11 th -15 th
2012	Co-Organizer of the Meeting “Tissue Remodeling in Ageing and Disease - Emerging Insights into a Complex Pathology”, Vienna, Austria; March 27 th -28 th
2014	Organizer of the IT-LIVER Workshop “3-Dimensional Cell Cultures and Drug Discovery”, Vienna, Austria, February 27 th - 28 th

5 Selected invitations to Meetings

2007	Chair of “Cancer & Apoptosis”, Symposium Signal Transduction, 32nd FEBS Congress “Molecular Machines”, Vienna, Austria
2007	Chair of “Progression of cancer through inflammatory mechanisms”, Falk Symposium #158, “Intestinal Inflammation and Colorectal Cancer”, Sevilla, Spain
2010	Chair of “Jaks and Stats in immune responses to tumors”, FEBS-Special Meeting “Jak-Stat Signalling: From Basics to Disease”, Vienna, Austria
2012	Chair of “Tissue Remodeling in Ageing and Disease - Emerging Insights into a Complex Pathology”, Vienna, Austria
2016	Chair of “TGF-beta family in fibrosis and cancer”, Barcelona, Spain

10 most important invited lectures (overall >70)

2007	PDGF essentially links TGF-beta to beta-catenin signaling in hepatocellular carcinoma progression. EMBO Workshop “Epithelial-Mesenchymal Transition”. Krakow, Poland
2008	Cap-independent translation during EMT and liver carcinoma progression, Charles University, Praha
2009	Liver regeneration and cellular hepatic models. Annual Consortium Meeting, RESOLVE, Verona, Italy
2009	TGF-beta – Liver Meeting, Institut d’Investigació Biomèdica de Bellvitge (IDIBELL), Barcelona, Spain
2011	Regulation of EMT in Liver Cancer Progression, The 2nd Polish Congress of Biochemistry and Cell Biology, Krakow, Poland
2012	Experimental Models of Liver Cancer, EASL; The International Liver Congress, Barcelona, Spain
2013	Carcinogenic Modulation of the Hepatocyte Signaling Network, EASL Monothematic Conference “Systems Biology of the Liver: Systems biology and clinics face à face”, Luxembourg
2014	Signaling of Axl via 14-3-3ζ Activates Autocrine TGF-β in HCC, Sixth Meeting of the European Club for Liver Cell Biology, Castelfranco Veneto, Italy
2017	The Functional Collaboration of TGF-β and Axl in Hepatocellular Carcinoma, IRCCS “S. de Bellis” of Castellana Grotte, Italy
2018	Role of Receptor Tyrosine Kinase Axl in Liver Cancer: Implications for Diagnosis and Therapy. Palachy University, Olomouc, Czech Republic

Reviewing Activities

2005 – present	Ad hoc referee for the Journal of Clinical Investigation, Nature Communications, Gastroenterology, Hepatology, Gut, Journal of Hepatology, Liver International, Cancer Research, Oncogene, American Journal of Pathology, Human Molecular Genetics, Cell Death & Disease, Cytokine, Journal of Cell Science, Biochemical and Biophysical Acta, International Journal of Cancer, FEBS Letter, Experimental Cell Research, Carcinogenesis, Cell Proliferation, Clinical Cancer Research, Journal of Cellular Physiology, European Journal of Clinical
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Investigation, Cancer Science, Cellular and Molecular Life Sciences, Journal of Cellular and Molecular Medicine, Molecular Cancer Therapeutics and others

Editorial Activity

2011 Section Editor: In “Drug Discovery Today: Disease Models” with the topic “Cell migration & metastasis formation”
2011 – present Editorial Board Member of World Journal of Gastroenterology
2014 – present Editorial Board Member of Minerva Gastroenterologica e Dietologica

Memberships

1998 - present Austrian Association of Molecular Life Sciences and Biotechnology
2007 - present Austrian Society for Transplantation, Transfusion and Genetics
2009 - present European Association for the Study of the Liver (EASL)

Third-party funds of research projects

- 7 projects funded by the Austrian Science Fund (FWF)
- 2 projects funded by the EU (FP7, large collaborative project and “Marie Curie”)
- 2 projects funded by the Jubiläumfonds der Österreichischen Nationalbank
- 5 projects funded by the Herzfelder’sche Familienstiftung
- 3 projects funded by the Hochschuljubiläumsstiftung der Stadt Wien
- 2 projects of the Österreichische Austauschdienst (Spain, Czech Republik)

Most important international collaborations

- Cedric Couluarn, INSERM, UMR991, Liver Metabolisms and Cancer, University of Rennes, Rennes, France.
- Isabel Fabregat, Bellvitge Biomedical Research Institute (IDIBELL), L’Hospitalet de Llobregat, Barcelona, Spain.
- Chun Fang Gao, Department of Laboratory Medicine, Eastern Hepatobiliary Surgery Hospital, Shanghai, China.
- Amato Giacchia, Aravive Biologics, Houston, Texas, USA.
- Gianluigi Giannelli, IRCCS De Bellis, Castellana Grotte (Bari), Italy.
- Martin Holcik, Apoptosis Research Centre Children’s Hospital of Eastern Ontario Research Institute Ottawa, Canada.
- Tania Roskams and Olivier Govaere, Department of Morphology and Molecular Pathology, University Hospitals Leuven; Belgium
- Steven Dooley, Molecular Hepatology - Alcohol Associated Diseases, Department of Medicine II, Heidelberg University, Mannheim, Germany
- Aris Moustakas, Ludwig Institute for Cancer Research, Uppsala, Sweden.
- Jun Yu, Li Ka Shing Institute of Health Sciences, Chinese University of Hong Kong, SAR, China.

Teaching at Universities (lectures, seminars, practical courses):

- Supervisor and co-supervisor of more than 40 diploma and PhD theses
- Since 2003: Lectures and seminars in the PhD programs Malignant Diseases and Clinical Experimental Oncology at the Medical University of Vienna
- Since 2003: Lectures and seminars in Molecular Biology and Biochemistry at the Medical University of Vienna (Block 1, Block 3, Block 5, Block 9)
- Since 2013: Senior Mentor of medical students at the Medical University of Vienna
- Since 2000: Lectures, seminars and practical courses in Molecular Genetics and Pathology / Cell Biology at Max F. Perutz Laboratories of the University of Vienna
- Since 2004: Lectures and practical courses in Functional Genomics and Molecular Genetics and Pathology at the University of Applied Sciences (study course Molecular Biotechnology)

- Since 2009: Lectures in Pathobiochemistry and Pathophysiology as well as Tumor Progression and Metastasis at the University of Applied Sciences (Biomedizinische Analytik)
- Since 2015: Lecture in Scientific Writing at the University of Applied Sciences IMC Krems
- Since 2014: Lecture in Molecular Cell Physiology and practical course Genotyping Technologies at the Karl Landsteiner Privatuniversität für Gesundheitswissenschaften

Vienna, October 2019