

Curriculum Vitae – Wolfgang Mikulits

Personal details

Name: Wolfgang Mikulits
Nationality: Austria
Acad. Degree: Assoc. Prof., PhD
Current Position: Group Leader
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Education

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;
group Ernst Müllner
1996 - 1998 Postdoc at the Research Institute of Molecular Pathology (IMP), Vienna;
group Hartmut Beug

Positions

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 – 2021 Head of Research Focus “Tumor Progression and Metastasis” at the
Institute/Center of Cancer Research
2017 - present PhD program coordinator – Malignant Diseases and Clinical Oncology
at the MUW

Research interests

<i>Main area of research</i>	<i>Most important results achieved</i>
Hepatocellular carcinoma (HCC)	> 110 publications in the field of HCC
Epithelial to mesenchymal transition (EMT)	First identification of EMT in malignant hepatocytes and description of EMT in HCC patients
TGF- β signaling	Identification and characterization of molecular targets depending on the synergy of TGF- β and Axl/Ras signaling during EMT of HCC
Receptor tyrosine kinase Axl	Identification of Gas6/Axl signaling as a key driver of HCC invasion and drug resistance
Tumor-stroma interaction	Identification of CXCL5 released in HCC to attract neutrophil granulocytes into the tumor microenvironment
Translation control	Identification and isolation of the <i>bon fide</i> laminin B1 IRES and its involvement in cap-independent translation during EMT of HCC
Biomarker	Identification of soluble Axl and Gas6 as highly accurate diagnostic biomarkers of liver fibrosis and HCC development

Awards

2001 Award of Hepatology, Falk Foundation, Germany

2001	Förderungspreis der Stadt Wien, Medizin
2003	Award of Hepatology, Falk Foundation, Germany
2004	Award of Austrotransplant
2004	Award of Innovative and Interdisciplinary Cancer Research

Conference organization

2005	Organizer of the Congress "Tumor Invasion and Metastasis – Bridging 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

Reviewing activities in scientific journals

2005 – present	Ad hoc referee for Gastroenterology, Hepatology, Gut, Journal of Hepatology, Nature Communications, Journal of Clinical Investigation 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 Investigation, Cancer Science, Cellular and Molecular Life Sciences, Journal of Cellular and Molecular Medicine, Molecular Cancer Therapeutics and many others
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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, National Science Center Poland, National Research Foundation Singapore
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Vienna, May 2024