Prof. Robert M. Mader, D. Sc. Clinical Division of Oncology, Department of Medicine I Comprehensive Cancer Center of the Medical University of Vienna Austria

Curriculum Vitae

Name: Robert M. Mader Date of birth: November 17,1957

Place of birth: Vienna Nationality: Austrian

Education:

1986 Graduation as D.Sc. in Technical Chemistry (*Dr.techn.rer.nat.*) 1983 Graduation with Diploma in Technical Chemistry (*Dipl.Ing.*)

Appointments:

from 2010 Director for Translational Research at the Department of Medicine I, Medical

University of Vienna

from 1997 Associate professor and Program Director for "Molecular Pharmacology" at the

Department of Medicine I, Clinical Division of Oncology, Vienna University School

of Medicine (since 2004: Medical University of Vienna)

1995-1997 Head of the study group "Molecular Pharmacology" at the Department of Medicine

I, Division of Oncology, Vienna University School of Medicine

1986-1995 Research scientist at the Department of Medicine I, Division of Oncology, Vienna

University School of Medicine

Additional training: Project management (certified project manager), GCP, "First in human studies",

Quality assurance in biotechnology, Management of research teams Medical

Writing at EMWA (European Medical Writers Association, ongoing)

Activities as chair:

from 2014	Member of the Management Board of GPMed, Gesellschaft für Parmazeutische
	Medizin e.V. (Society of Pharmaceutical Medicine)
from 2010	Coordinator of the Research Cluster "Experimental Therapy and Drug Resistance"
	at the Comprehensive Cancer Center Wien
2013-2014	Coordinator of the Task Force "Extravasation" at the Comprehensive Cancer
	Center Vienna
2005-2011	Chairmen/Vice-Chairmen of the Working Group Pharmacology in Oncology/
	Hematology of CESAR (Central European Society for Anticancer Research)
2003-2009	Head of the Task Force "Tumour bank of the ABCSG" (Austrian Breast and
	Colorectal Cancer Study Group)

Selected projects

Coordinator: "The function of microRNAs as regulators of stress tolerance in cancer models" funded by FWF, project P23954-B20 (2012-2015)

Co-PI: "microRNA in colorectal cancer and their correlation with predictive and prognostic markers" funded by NÖ Forschungs- und Bildungsges.m.b.H, project LS10-021 (2012-2014)

Coordinator: "Tumour specific activation of suicide genes as treatment option for malignant diseases" funded by Jubiläumsfonds der Österreichischen Nationalbank as coordinator (2006-2008)

Cooperations

Prof. Georg Krupitza, Med. Univ. Vienna: experimental cancer therapy; **Prof. Günther Steger**, Med. Univ. Vienna: clinical trials in breast and colon cancer; **Prof. Johannes Grillari**, University of Natural Resources and Life Sciences Vienna: microRNA; **Prof. Ioannis Tentes**, Democritus University of Thrace, Greece: drug resistance.



Selected References

Prager GW, Unseld M, Waneck F, Mader RM, Baumann L, Müllauer L, Zielinski CC: Results of the Extended Analysis for Cancer Treatment (EXACT) trial: A Prospective Translational Study Evaluating Individualized Treatment Regimens in Oncology. Oncotarget, in press

Stübiger G, Nairn MD, Abban TK, Openshaw ME, Mancera L, Herzig B, Wuczkowski M, Senfter D, Mader RM. MALDI-MS protein profiling of chemoresistance in extracellular vesicles of cancer cells.

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Schoergenhofer C, Schwameis M, Firbas C, Bartko J, Derhaschnig U, Mader RM, Sunder Plaßmann R, Jilma-Stohlawetz, Desai K, Proiya M, Jäger U, Jilma B: Single, very low rituximab doses – a pilot and a randomized trial: implications for dosing and biosimilarity testing.

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Catana CS, Pichler M, Giannelli G, Mader RM, Berindan-Neagoe I: Non-coding RNAs, the Trojan horse in two-way communication between tumor and stroma in colorectal and hepatocellular carcinoma. Oncotarget, 8: 29519-29534 (2017)

Holzner S, Senfter D, Stadler S, Staribacher A, Nguyen CH, Gaggl A, Geleff S, Huttary N, Krieger S, Jäger W, Dolznig H, Mader RM, Krupitza G: Colorectal cancer cell-derived microRNA200 modulates the resistance of adjacent blood endothelial barriers in vitro.

Oncol Rep 36: 3065-3071 (2016); doi: 10.3892/or.2016.5114

Körber MI, Staribacher A, Ratzenböck I, Steger G, Mader RM: NFkB-associated pathways in progression of chemoresistance to 5-fluorouracil in an in vitro model of colonic cancer. Anticancer Res 36: 1631-1640 (2016)

Fetahu IS, Tennakoon S, Lines KE, Groeschel C, Aggarwal A, Mesteri I, Baumgartner-Parzer S, Mader RM, Thakker RV, Kállay E: miR-135b- and miR-146b-dependent silencing of calcium-sensing receptor expression in colorectal cancer. Int J Cancer 138: 137-145 (2016); doi: 10.1002/ijc.29681

Senfter D, Holzner S, Kalipciyan M, Staribacher A, Walzl A, Huttary N, Krieger S, Brenner S, Jäger W, Krupitza G, Dolznig H, Mader RM: Loss of miR-200 family in 5-fluorouracil resistant colon cancer drives lymphendothelial invasiveness in vitro. Human Mol Genet 24: 3689-3698 (2015); doi:10.1093/hmg/ddv113

Egger AE, Kornauth C, Haslik W, Hann S, Theiner S, Bayer G, Hartinger CG, Keppler BK, Pluschnig U, Mader RM: Extravasation of Pt-based Chemotherapeutics – Bioimaging of their Distribution in Resectates by Laser Ablation-Inductively Coupled Plasma-Mass Spectrometry (LA–ICP-MS). Metallomics 7: 508-515 (2015); doi:10.1039/c4mt00308j 5. Haslik W, Pluschnig U,

Giessrigl B, Schmidt W, Kalipciyan M, Jeitler M, Bilban M, Gollinger M, Krieger S, Jäger W, Mader R, Krupitza G: Fulvestrant induces resistance by modulating GPER and CDK6 expression; implication of methyltransferases, deacetylases and the hSWI/SNF chromatin remodelling complex. Br J Cancer 109: 2751-2762 (2013)

Hobl E-L, Jilma B, Erlacher L, Duhm B, Mustak M, Broell H, Hoegger P, Rizovski B, Mader RM: A Short-chain Methotrexate Polyglutamate as Outcome Parameter in Rheumatoid Arthritis Patients Receiving Methotrexate. Clin Exp Rheumatology 30: 156-163 (2012)

Bartsch R, Berghoff A, Pluschnig U, Bago-Horvath Z, Dubsky P, Rottenfusser A, DeVries C, Rudas M, Fitzal F, Dieckmann K, Gnant M, Mader RM, Zielinski CC, Steger GG: Impact of systemic anti-her2 therapy on overall survival in patients with brain metastases from her2-overexpressing breast cancer. Br J Cancer 106: 25-31 (2012)

Vonach C, Viola K, Giessrigl B, Huttary N, Raab I, Kalt R, Krieger S, Vo TPN, Madlener S, Bauer S, Marian B, Hämmerle M, Kretschy N, Teichmann M, Hantusch B, Stary S, Unger C, Seelinger M, Eger A, Mader R, Jäger W, Schmidt W, Grusch M, Dolznig H, Mikulits W, Krupitza G: NF-kB mediates the 12(S)-HETE-induced endothelial to mesenchymal transition of lymphendothelial cells during the intravasation of breast carcinoma cells. Br J Cancer 105: 263-271 (2011)

Tentes IK, Schmidt WM, Krupitza G, Steger GG, Mikulits W, Kortsaris A, Mader RM: Long-term persistence of acquired resistance to 5-fluorouracil in the colon cancer cell line SW620. Exp Cell Res 316: 3172-3181 (2010)

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Robert Mader