

Prof. Dr. M. Lienhard Schmitz

Department: Biochemistry and Molecular Biology

CV:

M. LIENHARD SCHMITZ

Prof. Dr.

Personal

Date of birth: February 16, 1961

Place of birth: Tübingen, Germany

Academic Education and Appointments

1980 – 1987

Studies in Biology, Universities of Göttingen and Freiburg

1987

Diploma in Biology, University of Freiburg (Prof. G. Feix)

1990

PhD in Molecular Biology, University of Freiburg (Prof. G. Feix)

1990 – 1993

Post-doctoral Fellow, Gene Center, Martinsried (Dr. P. A. Baeuerle)

1994 – 1996

Assistant Professor, Institute for Molecular Biology and Biochemistry,
University of Freiburg (Prof. P. A. Baeuerle)

1997

Habilitation in Biochemistry and Molecular Biology, University of Freiburg
(Prof. P. A. Baeuerle)

1997 – 2001

Group leader, German Cancer Research Centre, Heidelberg

2002 – 2005

Faculty member, Department of Chemistry and Biochemistry, University of
Bern (Switzerland)

2005

Full Professor (W3) at the University of Giessen

2006

Principal investigator DFG Excellence cluster EXC 147, Giessen &
Frankfurt

2006 – 2009

Principal investigator in the DFG Collaborative Research Center SFB 547, Giessen

2008

Guest Editor Biochim. Biophys. Acta, Molecular Cell Research

2010

Principal investigator in the DFG Collaborative Research Center TRR81, Giessen, Marburg, Rotterdam

2011

Academy of Finland: Chair of the Molecular Medicine Panel

2013

- Principal investigator and executive board member of the DFG Collaborative Research Center SFB 1021 Marburg & Giessen
- Founding Member: Deutsches Zentrum für Lungenforschung
- Founding Member: International Max Planck Research School for Heart and Lung Research (IMPRS-HLR), Bad Nauheim, Giessen, Frankfurt

2015

Scientific advisory board of the Faculty of Biology & Pharmacy of the Friedrich Schiller University Jena

2016

Executive editor BBA Molecular Cell Research

2016 – 2020

- Principal investigator in the DFG Collaborative Research Center SFB1213;
- Scientific Advisory Board: Current Medicinal Chemistry;
- Editorial board: Frontiers in Genetics, Frontiers in Cell and Developmental Biology, Cell signaling and trafficking

Publications

(This is not a complete list of publications, but only a selection of the major ones.)

Schmitz, M.L. and P.A. Baeuerle (1991) The p65 subunit is responsible for the strong transcription activating potential of NF- κ B. *EMBO J.* 12, 3805-3817.

Hofmann, T.G., Möller, A., Sirma, H., Zentgraf, H., Taya, Y., Dröge, W., Will, H. and M.L. Schmitz (2002) Regulation of p53 activity by its interaction with homeodomain interacting protein kinase 2. *Nature Cell Biol.* 4, 1-10. (Krebspreis der Stadt Hamburg)

comment in: Nature Reviews Cancer (2002) 2, 5.

Gresko, E., Roscic, A., Ritterhoff, S., Vichalkovski, A., del Sal, G. and M.L. Schmitz (2006) Autoregulatory control of the p53 response by caspase mediated processing of HIPK2. *EMBO J.* 25, 1883-1894.

Roscic, A., Möller, A., Calzado, M.A., Renner, F., Wimmer, V.C., Gresko, E., Schmid Lüdi, K. and M.L. Schmitz (2006) Phosphorylation dependent control of Pc2 SUMO E3 ligase activity by its substrate protein HIPK2. *Mol. Cell* 24, 77-89.

de la Vega, L., Grishina, I., Moreno, R., Krüger, M., Braun, T. and M.L. Schmitz (2012) A redox-regulated SUMO/acetylation switch of HIPK2 controls the survival threshold to oxidative stress. *Mol. Cell* 46, 472-483.

comment in Mol Cell. 2012 May 25;46(4):382-3.