Curriculum Vitae

M. Lienhard Schmitz Professor, Dr. rer. nat.
d.o.b. February 16th, 1961, in Tübingen, Germany

University Education

1997	Habilitation in Biochemistry and Molecular Biology, University of Freiburg
1990	PhD in Molecular Biology, University of Freiburg
1980-1987	Studies in Biology, University of Göttingen and Freiburg

Scientific Career

Since 2020	Principal investigator and executive board member of the DFG GRK2573/1
2020	Founding executive editor BBA Advances
Since 2019	Faculty member and biomedical representative of the "Clinician Scientist Programm", University of Giessen
Since 2016	Executive editor BBA Molecular Cell Research
Since 2016	Principal investigator and executive board member of the DFG Collaborative Research Center SFB1213
Since 2015	Scientific advisory board of the Faculty of Biology & Pharmacy of the Friedrich Schiller University Jena
Since 2013	Director, Biochemical Institute, Medical Faculty, University of Giessen
2013-2022	Principal investigator and executive board member of the DFG Collaborative Research Center SFB 1021 Marburg & Giessen
2011	Academy of Finland: Chair of the Molecular Medicine Panel
2006-2010	Principal investigator SFB 547
Since 2005	Full Professor (W3) for Biochemistry, Medical Faculty, University of Giessen
2002-2005	Faculty member, Department of Chemistry and Biochemistry, University of Bern (Switzerland)
1997-2001	Group leader, German Cancer Research Centre (DKFZ), Heidelberg
1994-1996	Assistant Professor, Institute for Molecular Biology and Biochemistry, University of Freiburg
1990-1993	Post-doctoral Fellow, Gene Center, Martinsried (Dr. P.A. Baeuerle)

Awards and Honors

Citation Record

Total citations: 16,415; *h-index:67; h-index since 2017: 97* (Google Scholar Sept. 26th, 2022)

Top-10 selected Publications

Shaban, MH, Müller, C, Mayr-Buro, C, Weiser, H, Meier-Soelch, J, Albert, BA, Weber, A, Linne, U, Hain, T, Babayev, I, Karl, N, Hofmann, N, Becker, S, Herold, S, **Schmitz, ML**, Ziebuhr, J and M Kracht. Multi-level inhibition of coronavirus replication by chemical ER stress. Nat Commun. 2021; 12, 5536. DOI: 10.1038/s41467-021-25551-1

Seibert M, Krüger M, Watson NA, Sen O, Daum JR, Slotman JA, Braun T, Houtsmuller AB, Gorbsky GJ, Jacob R, Kracht M, Higgins JMG, **Schmitz ML.** CDK1-mediated phosphorylation at H2B serine 6 is required for mitotic chromosome segregation. J Cell Biol. 2019; 218,1164-1181. DOI: 10.1083/jcb.201806057

Riedlinger T, Liefke R, Meier-Soelch J, Jurida L, Nist A, Stiewe T, Kracht M, **Schmitz ML.** NF-κB p65 dimerization and DNA-binding is important for inflammatory gene expression. FASEB J. 2019; 33,4188-4202, DOI: 10.1096/fj.201801638R

de la Vega L, Grishina I, Moreno R, Krüger M, Braun T, **Schmitz ML.** A redox-regulated SUMO/acetylation switch of HIPK2 controls the survival threshold to oxidative stress. Mol Cell 2012; 46,472-483, DOI: 10.1016/j.molcel.2012.03.003

Renner F, Saul VV, Pagenstecher A, Wittwer T, **Schmitz ML.** Inducible SUMO modification of TANK alleviates its repressive function on TLR7 signaling. EMBO Rep 2011; 12,129-135, DOI: 10.1038/embor.2010.207

Ritterhoff S, Farah CM, Grabitzki J, Lochnit G, Skurat AV, **Schmitz ML.** The WD40 repeat protein Han11 functions as a scaffold protein to control HIPK2 and MEKK1 kinase functions. EMBO J 2010; 29,3747-3749, DOI: 10.1038/emboj.2010.251

Renner F, Moreno R, **Schmitz ML.** SUMOylation-dependent localization of IKKε in PML nuclear bodies is essential for protection against DNA damage-triggered cell death. Mol Cell 2010; 37,503-515, DOI: 10.1016/j.molcel.2010.01.018

Calzado MA, de la Vega L, Möller A, Bowtell DL, **Schmitz ML.** An inducible autoregulatory loop between HIPK2 and Siah2 at the apex of the hypoxic response. Nature Cell Biol 2009; 11,85-91, DOI: 10.1038/ncb1816

Geng H, Wittwer T, Dittrich-Breiholz O, Kracht M, **Schmitz ML.** Phosphorylation of NF-κB p65 at serine 468 controls its COMMD1-dependent ubiquitination and target gene specific proteasomal elimination. EMBO Rep 2009; 10,381-386, DOI: 10.1038/embor.2009.10

Roscic A, Möller A, Calzado MA, Renner F, Wimmer VC, Gresko E, Schmid Lüdi K, **Schmitz ML.** Phosphorylation dependent control of Pc2 SUMO E3 ligase activity by its substrate protein HIPK2. Mol Cell 2006; 24,77-89, DOI: 10.1016/j.molcel.2006.08.004