

SZYMON KMIECIK, PHD

GENERAL INFORMATION



Postdoc

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ACADEMIC EDUCATION & QUALIFICATION

Year(s)	Education
2017-2021	Doctor of Philosophy (PhD), Faculty of Biosciences, The Center for Molecular Biology of Heidelberg University (ZMBH), Germany
2013-2015	Master of Science, Biotechnology, Faculty of Chemistry, Wrocław University of Science and Technology, Poland
2009-2012	Bachelor of Engineering, Biotechnology, Faculty of Chemistry, Wrocław University of Science and Technology, Poland

SCIENTIFIC EDUCATION & QUALIFICATION

Year(s)	Education
September 2023-present	Postdoc, Analytical Chemistry Laboratory (ACL), Dept. of Clinical Pharmacology & Pharmacoepidemiology, Heidelberg University Hospital, Germany
2021-2022	Postdoc, Matthias P. Mayer Laboratory, The Center for Molecular Biology of Heidelberg University (ZMBH), Germany
2017-2021	PhD Student, Matthias P. Mayer Laboratory, The Center for Molecular Biology of Heidelberg University (ZMBH), Germany, Thesis title: Molecular mechanisms of Hsf1 regulation
2014-2015	Research Assistant, Zygmunt S. Derewenda Laboratory, University of Virginia, USA, Structural biology of p190RhoGAP
2013-2014	Master Thesis, Department of Protein Engineering, Faculty of Biotechnology, University of Wrocław, Poland, Synthesis of protein-drug conjugates
2012-2013	Bachelor of Engineering Thesis, Laboratory of Biomedical Chemistry, Department of Experimental Oncology, Ludwik Hirszfild Institute of Immunology and Experimental Therapy of the Polish Academy of Science, Wrocław, Poland, Synthesis of drug-drug conjugates

PROFESSIONAL EXPERIENCE

Year(s)	Experience
2022	Scientist, Protein Sciences, Ascendis Pharma GmbH, Heidelberg, Germany
2017-2022	PhD Student & Postdoc, Matthias P. Mayer Laboratory, The Center for Molecular Biology of Heidelberg University (ZMBH), Germany
2015-2017	Biotechnology Specialist & Technical Manager, Pure Biologics SA, Wrocław, Poland

SELECTED PUBLICATIONS

1. Kmiecik SW, Shi Q, Chen YG, Moormann J, Hildebrandt TM, Schade A, Fischer M, Kim KQ. Crafting figures to describe cellular processes. *Trends Biochem Sci* 2023;48:491-494.
2. Kmiecik SW, Mayer MP. Molecular mechanisms of heat shock factor 1 regulation. *Trends Biochem Sci* 2022;47:218-234.
3. Kmiecik SW, Drzewicka K, Melchior F, Mayer MP. Heat shock transcription factor 1 is SUMOylated in the activated trimeric state. *J Biol Chem* 2021;296:100324.
4. Kmiecik SW, Le Breton L, Mayer MP. Feedback regulation of heat shock factor 1 (Hsf1) activity by Hsp70-mediated trimer unzipping and dissociation from DNA. *EMBO J* 2020;39:e104096.
5. Kmiecik SW, Krzyścik MA, Filip-Psurska B, Wietrzyk J, Boratyński J, Goszczyński TM. Methotrexate and epirubicin conjugates as potential antitumor drugs. *Postepy Hig Med Dosw (Online)* 2017;71:618-623.