

CURRICULUM VITAE

CONTACT INFORMATION

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UNIVERSITY EDUCATION

09/2016 – today	Independent Junior Group Leader Institute for Biochemistry and Molecular Biology (IBMB) Medical Faculty of Ulm University, Germany
10/2012 – 08/2016	Post-doctoral fellow Institute for Biochemistry and Molecular Biology (IBMB) Medical Faculty of Ulm University, Germany laboratory of Prof. Dr. Michael Kühl
11/2007 – 09/2012	PhD (<i>Dr. rer. nat.</i>) Institute for Experimental Medicine II Friedrich-Alexander-University, Erlangen-Nuremberg, Germany laboratory of Prof. Dr. Jürgen Behrens
10/2002 – 10/2007	Studies of Biology <i>University Diploma.</i> Friedrich-Alexander-University, Erlangen-Nuremberg, Germany

TEACHING

Supervision of bachelor, master and PhD students in molecular medicine and biology
Supervision of medical doctor students
Teaching, „Physikum“ examinations, lab seminars

ADDITIONAL QUALIFICATIONS

Workshop – Training to apply for Funding
Workshop – Females in Academia
Certificate to work with aquatic animals, such as fish and frog
Safety Level Certificate
Certificate to work with mice
Member of the “Thesis Advisory Committee” – Direct supervision of PhD students in the
“International Graduate School of Molecular Medicine” (IGradU), University of Ulm, Germany.

REVIEWER

Since 2016: For scientific funding agencies and scientific journals (

FUNDING

Bausteinförderung 3.2, Ulm University (7/2014 - 6/2016)
Bausteinförderung 3.2V, Ulm University (7/2016 - 6/2017)
Deutsche Krebshilfe (01/2017 – 07/2020)

PUBLICATION LIST

H-index: 8

Total citations: 364 (March, 2020: Google Scholar)

Papers:

Corresponding author: 4

Post doc work: 6

Phd work: 4

Diploma thesis work: 1

- [1] D.P. Dannheisig, E.Beck, E.Calzia, P. Walther, C. Behrens and **A.S. Pfister**, Loss of Peter Pan (PPAN) affects mitochondrial homeostasis and autophagic flux. Cells (2019), 8(8)894
- [2] **A.S. Pfister**, Emerging role of nucleolar stress in Autophagy. Frontiers in Cellular Neuroscience (2019) doi: 10.3389/fncel.2019.00156.
- [3] M. Keil, M.T. Meyer, D.P. Dannheisig, L.D. Maerz, M. Philipp, and **A.S. Pfister**, Loss of Peter Pan protein is associated with cell cycle defects and apoptotic events. Biochimica et biophysica acta. Molecular cell research 1866 (2019) 882-895.
- [4] Y. Guo, T. Dorn, S.J. Kuhl, A. Linnemann, M. Rothe, **A.S. Pfister**, S. Vainio, K.L. Laugwitz, A. Moretti, and M. Kuhl, The Wnt inhibitor Dkk1 is required for maintaining the normal cardiac differentiation program in *Xenopus laevis*. Developmental biology (2019).
- [5] A. Gross, B. Kracher, J.M. Kraus, S.D. Kuhlwein, **A.S. Pfister**, S. Wiese, K. Luckert, O. Potz, T. Joos, D. Van Daele, L. De Raedt, M. Kuhl, and H.A. Kestler, Representing dynamic biological networks with multi-scale probabilistic models. Communications biology 2 (2019) 21.
- [6] L. Siegle, J.D. Schwab, S.D. Kuhlwein, L. Lausser, S. Tumpel, **A.S. Pfister**, M. Kuhl, and H.A. Kestler, A Boolean network of the crosstalk between IGF and Wnt signaling in aging satellite cells. PloS one 13 (2018) e0195126.
- [7] **A.S. Pfister**, and M. Kuhl, Of Wnts and Ribosomes. Progress in molecular biology and translational science 153 (2018) 131-155.
- [8] F.A. Seigfried, W. Cizelsky, **A.S. Pfister**, P. Dietmann, P. Walther, M. Kuhl, and S.J. Kuhl, Frizzled 3 acts upstream of Alcam during embryonic eye development. Developmental biology 426 (2017) 69-83.
- [9] **A.S. Pfister**, M. Keil, and M. Kuhl, The Wnt Target Protein Peter Pan Defines a Novel p53-independent Nucleolar Stress-Response Pathway. The Journal of biological chemistry 290 (2015) 10905-18.
- [10] Y. Guo, S.J. Kuhl, **A.S. Pfister**, W. Cizelsky, S. Denk, L. Beer-Molz, and M. Kuhl, Comparative analysis reveals distinct and overlapping functions of Mef2c and Mef2d during cardiogenesis in *Xenopus laevis*. PloS one 9 (2014) e87294.
- [11] G. Ozhan, E. Sezgin, D. Wehner, **A.S. Pfister**, S.J. Kuhl, B. Kagermeier-Schenk, M. Kuhl, P. Schwille, and G. Weidinger, Lypd6 enhances Wnt/beta-catenin signaling by promoting Lrp6 phosphorylation in raft plasma membrane domains. Developmental cell 26 (2013) 331-45.
- [12] **A.S. Pfister**, K. Tanneberger, A. Schambony, and J. Behrens, Amer2 protein is a novel negative regulator of Wnt/beta-catenin signaling involved in neuroectodermal patterning. The Journal of biological chemistry 287 (2012) 1734-41.
- [13] **A.S. Pfister**, M.V. Hadjihannas, W. Rohrig, A. Schambony, and J. Behrens, Amer2 protein interacts with EB1 protein and adenomatous polyposis coli (APC) and controls microtubule stability and cell migration. The Journal of biological chemistry 287 (2012) 35333-40.
- [14] K. Tanneberger, **A.S. Pfister**, V. Kriz, V. Bryja, A. Schambony, and J. Behrens, Structural and functional characterization of the Wnt inhibitor APC membrane recruitment 1 (Amer1). The Journal of biological chemistry 286 (2011) 19204-14.

- [15] K. Tanneberger, **A.S. Pfister**, K. Brauburger, J. Schneikert, M.V. Hadjihannas, V. Kriz, G. Schulte, V. Bryja, and J. Behrens, Amer1/WTX couples Wnt-induced formation of PtdIns(4,5)P2 to LRP6 phosphorylation. The EMBO journal 30 (2011) 1433-43.
- [16] A. Grohmann, K. Tanneberger, **A. Alzner**, J. Schneikert, and J. Behrens, AMER1 regulates the distribution of the tumor suppressor APC between microtubules and the plasma membrane. Journal of cell science 120 (2007) 3738-47.