

Publications and Awards

Publications

Listed below are publications of CiM-IMPRS students (current and alumni) from 2013 to 2018 that resulted from their work within the graduate school sorted by year. In total, CiM-IMPRS students contributed to 275 publications of which 136 were first author publications. In addition, 13 publications are submitted or currently under revision. To ease identification of individual contributions, **student names** are highlighted (**bold**) and faculty members underlined. Equal contribution of first authors is marked by an asterix (*).

2013

Bahnassawy, L., Nicklas, S., Palm, T., Menzl, I., Birzele, F., Gillardon, F., and Schwamborn, J.C. (2013). The parkinson's disease-associated LRRK2 mutation R1441G inhibits neuronal differentiation of neural stem cells. *Stem Cells Dev* 22, 2487–2496.

Behera, S., and Kudla, J. (2013). High-resolution imaging of cytoplasmic Ca²⁺ dynamics in Arabidopsis roots. *Cold Spring Harb Protoc* 2013, doi:10.1101/pdb.top066183

Behera, S., and Kudla, J. (2013). Live cell imaging of cytoplasmic Ca²⁺ dynamics in Arabidopsis guard cells. *Cold Spring Harb Protoc* 2013, 665–669.

Behera, S., Krebs, M., Loro, G., Schumacher, K., Costa, A., and Kudla, J. (2013). Ca²⁺ imaging in plants using genetically encoded Yellow Cameleon Ca²⁺ indicators. *Cold Spring Harb Protoc* 2013, 700–703.

Bonza, M.C., Loro, G., **Behera, S.,** Wong, A., Kudla, J., and Costa, A. (2013). Analyses of Ca²⁺ accumulation and dynamics in the endoplasmic reticulum of Arabidopsis root cells using a genetically encoded Cameleon sensor. *Plant Physiol* 163, 1230–1241.

Böser, A., Drexler, H.C.A., **Reuter, H.,** Schmitz, H., Wu, G., Schöler, H.R., Gentile, L., and Bartscherer, K. (2013). SILAC proteomics of planarians identifies Nco5 as a conserved component of pluripotent stem cells. *Cell Rep* 5, 1142–1155.

Drerup, M.M., Schlücking, K., Hashimoto, K., **Manishankar, P.,** Steinhorst, L., Kuchitsu, K., and Kudla, J. (2013). The Calcineurin B-like calcium sensors CBL1 and CBL9 together with their interacting protein kinase CIPK26 regulate the Arabidopsis NADPH oxidase RBOHF. *Mol Plant* 6, 559–569.

Frank, S., Skryabin, B.V., and Greber, B. (2013). A modified TALEN-based system for robust generation of knock-out human pluripotent stem cell lines and disease models. *BMC Genomics* 14, 773.

Gonzalez-Cano, L., **Hillje, A.-L.,** Fuertes-Alvarez, S., Marques, M.M., Blanch, A., Ian, R.W., Irwin, M.S., Schwamborn, J.C., and Marín, M.C. (2013). Regulatory feedback loop between TP73 and TRIM32. *Cell Death Dis* 4, e704.

Helker, C.S.M., Schuermann, A., Karpanen, T., Zeuschner, D., Belting, H.-G., Affolter, M., Schulte-Merker, S., and Herzog, W. (2013). The zebrafish common cardinal veins develop by a novel mechanism: lumen ensheathment. *Development* 140, 2776–2786.

Hillje, A.-L.*, Pavlou, M. a. S.*, Beckmann, E., Worlitzer, M.M.A., **Bahnassawy, L.**, Lewejohann, L., Palm, T., and Schwamborn, J.C. (2013). TRIM32-dependent transcription in adult neural progenitor cells regulates neuronal differentiation. *Cell Death Dis* 4, e976.

Hjeij, R., Lindstrand, A., Francis, R., Zariwala, M.A., Liu, X., Li, Y., Damerla, R., Dougherty, G.W., Abouhamed, M., Olbrich, H., Loges, N.T., Pennekamp, P., Davis, E.E., Carvalho, C.M.B., Pehlivan, D., Werner, C., Raidt, J., Köhler, G., Häffner, K., Reyes-Mugica, M., Lupski, J.R., Leigh, M.W., Rosenfeld, M., Morgan, L.C., Knowles, M.R., Lo, C.W., Katsanis, N., and Omran, H. (2013). ARMC4 mutations cause primary ciliary dyskinesia with randomization of left/right body asymmetry. *Am J Hum Genet* 93, 357–367.

Jeggle, P., Callies, C., Tarjus, A., Fassot, C., **Fels, J.**, Oberleithner, H., Jaisser, F., and Kusche-Vihrog, K. (2013). Epithelial sodium channel stiffens the vascular endothelium in vitro and in Liddle mice. *Hypertension* 61, 1053–1059.

Jiang, Q., Lagos-Quintana, M., Liu, D., Shi, Y., **Helker, C.**, Herzog, W., and le Noble, F. (2013). miR-30a regulates endothelial tip cell formation and arteriolar branching. *Hypertension* 62, 592–598.

Kläver, R., Tüttelmann, F., Bleiziffer, A., Haaf, T., Kliesch, S., and Gromoll, J. (2013). DNA methylation in spermatozoa as a prospective marker in andrology. *Andrology* 1, 731–740.

Knowles, M.R., Ostrowski, L.E., Loges, N.T., Hurd, T., Leigh, M.W., Huang, L., Wolf, W.E., Carson, J.L., Hazucha, M.J., Yin, W., Davis, S.D., Dell, S.D., Ferkol, T.W., Sagel, S.D., Olivier, K.N., Jahnke, C., Olbrich, H., Werner, C., Raidt, J., Wallmeier, J., Pennekamp, P., Dougherty, G.W., **Hjeij, R.**, Gee, H.Y., Otto, E.A., Halbritter, J., Chaki, M., Diaz, K.A., Braun, D.A., Porath, J.D., Schueler, M., Baktai, G., Griesse, M., Turner, E.H., Lewis, A.P., Bamshad, M.J., Nickerson, D.A., Hildebrandt, F., Shendure, J., Omran, H., and Zariwala, M.A. (2013). Mutations in SPAG1 cause primary ciliary dyskinesia associated with defective outer and inner dynein arms. *Am J Hum Genet* 93, 711–720.

Kochhan, E., and Siekmann, A.F. (2013). Zebrafish as a model to study chemokine function. *Methods Mol Biol* 1013, 145–159.

Kochhan, E., Lenard, A., Ellertsdottir, E., Herwig, L., Affolter, M., Belting, H.-G., and Siekmann, A.F. (2013). Blood flow changes coincide with cellular rearrangements during blood vessel pruning in zebrafish embryos. *PLoS ONE* 8, e75060.

Marthaler, A.G., Tiemann, U., Araúzo-Bravo, M.J., Wu, G., Zaehres, H., Hyun, J.K., Han, D.W., Schöler, H.R., and Tapia, N. (2013). Reprogramming to pluripotency through a somatic stem cell intermediate. *PLoS ONE* 8, e85138.

Nakayama, A., Nakayama, M., Turner, C.J., Höing, S., Lepore, J.J., and Adams, R.H. (2013). Ephrin-B2 controls PDGFR β internalization and signaling. *Genes Dev* 27, 2576–2589.

Nakayama, M., **Nakayama, A.**, **van Lessen, M.**, Yamamoto, H., Hoffmann, S., Drexler, H.C.A., Itoh, N., Hirose, T., Breier, G., Vestweber, D., Cooper, J.A., Ohno, S., Kaibuchi, K., and Adams, R.H. (2013). Spatial regulation of VEGF receptor endocytosis in angiogenesis. *Nat. Cell Biol* 15, 249–260.

Palm, T., Hemmer, K., Winter, J., Fricke, I.B., Tarbashevich, K., Sadeghi Shakib, F., Rudolph, I.-M., **Hillje, A.-L.**, De Luca, P., **Bahnassawy, L.**, Madel, R., Viel, T., De Siervi, A., Jacobs, A.H., Diederichs, S., and Schwamborn, J.C. (2013). A systemic transcriptome analysis reveals the regulation of neural stem cell maintenance by an E2F1-miRNA feedback loop. *Nucleic Acids Res* 41, 3699–3712.

Risse, B., **Thomas, S., Otto, N.**, Löpmeier, T., Valkov, D., Jiang, X., and Klämbt, C. (2013). FIM, a novel FTIR-based imaging method for high throughput locomotion analysis. *PLoS ONE* 8, e53963.

Ruck, T., Bittner, S., Gross, C.C., **Breuer, J.**, Albrecht, S., Korr, S., Göbel, K., Pankratz, S., Henschel, C.M., Schwab, N., Staszewski, O., Prinz, M., Kuhlmann, T., Meuth, S.G., and Wiendl, H. (2013). CD4+NKG2D+ T cells exhibit enhanced migratory and encephalitogenic properties in neuroinflammation. *PLoS ONE* 8, e81455.

Scharnert, J., Greune, L., Zeuschner, D., Lubos, M.-L., Alexander Schmidt, M., and Rüter, C. (2013). Autonomous translocation and intracellular trafficking of the cell-penetrating and immune-suppressive effector protein YopM. *Cell Mol Life Sci* 70, 4809–4823.

Schürmann, J., Buttermann, D., **Herrmann, A.**, Giesbert, S., and Tudzynski, P. (2013). Molecular characterization of the NADPH oxidase complex in the ergot fungus *Claviceps purpurea*: CpNox2 and CpPls1 are important for a balanced host-pathogen interaction. *Mol Plant Microbe Interact* 26, 1151–1164.

Schwab, N., Schneider-Hohendorf, T., Posevitz, V., **Breuer, J.**, Göbel, K., Windhagen, S., Brochet, B., Vermersch, P., Lebrun-Frenay, C., Posevitz-Fejfar, A., Capra, R., Imberti, L., Straeten, V., Haas, J., Wildemann, B., Havla, J., Kümpfel, T., Meinl, I., Niessen, K., Goelz, S., Kleinschnitz, C., Warnke, C., Buck, D., Gold, R., Kieseier, B.C., Meuth, S.G., Foley, J., Chan, A., Brassat, D., and Wiendl, H. (2013). L-selectin is a possible biomarker for individual PML risk in natalizumab-treated MS patients. *Neurology* 81, 865–871.

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Song, J., Wu, C., **Zhang, X.**, and Sorokin, L.M. (2013). In vivo processing of CXCL5 (LIX) by matrix metalloproteinase (MMP)-2 and MMP-9 promotes early neutrophil recruitment in IL-1 β -induced peritonitis. *J Immunol* 190, 401–410.

Tarkar, A., Loges, N.T., Slagle, C.E., Francis, R., Dougherty, G.W., Tamayo, J.V., Shook, B., Cantino, M., Schwartz, D., Jahnke, C., Olbrich, H., Werner, C., Raidt, J., Pennekamp, P., Abouhamed, M., **Hjeij, R.**, ..., and Omran, H. (2013). DYX1C1 is required for axonemal dynein assembly and ciliary motility. *Nat Genet* 45, 995–1003.

Wang, L., Benedito, R., Bixel, M.G., Zeuschner, D., Stehling, M., Sävendahl, L., Haigh, J.J., Snippert, H., Clevers, H., Breier, G., Kiefer, F., and Adams, R.H. (2013). Identification of a clonally expanding haematopoietic compartment in bone marrow. *EMBO J* 32, 219–230.

Yousif, L.F., Di Russo, J., and Sorokin, L. (2013). Laminin isoforms in endothelial and perivascular basement membranes. *Cell Adh Migr* 7, 101–110.

Zariwala, M.A., Gee, H.Y., Kurkowiak, M., Al-Mutairi, D.A., Leigh, M.W., Hurd, T.W., **Hjeij, R.**, ..., Omran, H., Knowles, M.R., and Hildebrandt, F. (2013). ZMYND10 is mutated in primary ciliary dyskinesia and interacts with LRRC6. *Am J Hum Genet* 93, 336–345.

Zhang, X., Wu, C., Song, J., Götte, M., and Sorokin, L. (2013). Syndecan-1, a cell surface proteoglycan, negatively regulates initial leukocyte recruitment to the brain across the choroid plexus in murine experimental autoimmune encephalomyelitis. *J Immunol* 191, 4551–4561.

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Aydin, I., **Weber, S.**, Snijder, B., Samperio Ventayol, P., Kühbacher, A., Becker, M., Day, P.M., Schiller, J.T., Kann, M., Pelkmans, L., Helenius, A., and Schelhaas, M. (2014). Large scale RNAi reveals the requirement of nuclear envelope breakdown for nuclear import of human papillomaviruses. *PLoS Pathog* 10, e1004162.

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Born, G., Breuer, D., **Wang, S.**, Rohlmann, A., Coulon, P., Vakili, P., Reissner, C., Kiefer, F., Heine, M., Pape, H.-C., and Missler, M. (2014). Modulation of synaptic function through the α -neurexin-specific ligand neurexophilin-1. *Proc Natl Acad Sci USA* 111, E1274–1283.

Breuer, J., Schwab, N., Schneider-Hohendorf, T., Marziniak, M., Mohan, H., **Bhatia, U.**, Gross, C.C., Clausen, B.E., Weishaupt, C., Luger, T.A., Meuth, S.G., Loser, K., and Wiendl, H. (2014). Ultraviolet B light attenuates the systemic immune response in central nervous system autoimmunity. *Ann Neurol* 75, 739–758.

Cichon, C., **Sabharwal, H.**, Rüter, C., and Schmidt, M.A. (2014). MicroRNAs regulate tight junction proteins and modulate epithelial/endothelial barrier functions. *Tissue Barriers* 2, e944446.

Dartsch, N., Schulte, D., Hägerling, R., Kiefer, F., and Vestweber, D. (2014). Fusing VE-cadherin to α -catenin impairs fetal liver hematopoiesis and lymph but not blood vessel formation. *Mol Cell Biol* 34, 1634–1648.

Fels, J., **Jeggle, P.**, Liashkovich, I., Peters, W., and Oberleithner, H. (2014). Nanomechanics of vascular endothelium. *Cell Tissue Res* 355, 727–737.

Galic, M., Begemann, I., **Viplav, A.**, and Matis, M. (2014). Force-control at cellular membranes. *Bioarchitecture* 4, 164–168.

Göbel, K., Schuhmann, M.K., Pankratz, S., Stegner, D., Herrmann, A.M., Braun, A., **Breuer, J.**, Bittner, S., Ruck, T., Wiendl, H., Kleinschnitz, C., Nieswandt, B., and Meuth, S.G. (2014). Phospholipase D1 mediates lymphocyte adhesion and migration in experimental autoimmune encephalomyelitis. *Eur J Immunol* 44, 2295–2305.

Grimm, K.B., Oberleithner, H., and **Fels, J.** (2014). Fixed endothelial cells exhibit physiologically relevant nanomechanics of the cortical actin web. *Nanotechnology* 25, 215101.

Gross-Thebing, T., Paksa, A., and Raz, E. (2014). Simultaneous high-resolution detection of multiple transcripts combined with localization of proteins in whole-mount embryos. *BMC Biol* 12, 55.

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GTPase effector CpSte20, and the scaffold protein CpBem1 in *Claviceps purpurea*. *Eukaryotic Cell* 13, 470–482.

Hjeij, R., Onoufriadis, A., Watson, C.M., ..., Omran, H., and Mitchison, H.M. (2014). CCDC151 mutations cause primary ciliary dyskinesia by disruption of the outer dynein arm docking complex formation. *Am J Hum Genet* 95, 257–274.

Höfling, S., **Scharnert, J.**, Cromme, C., Bertrand, J., Pap, T., Schmidt, M.A., and Rüter, C. (2014). Manipulation of pro-inflammatory cytokine production by the bacterial cell-penetrating effector protein YopM is independent of its interaction with host cell kinases RSK1 and PRK2. *Virulence* 5, 761–771.

Hultin, S., Zheng, Y., Mojallal, M., Vertuani, S., Gentili, C., Bolland, M., Milloud, R., Belting, H.-G., Affolter, M., **Helker, C.S.M.**, Adams, R.H., Herzog, W., Uhlen, P., Majumdar, A., and Holmgren, L. (2014). AmotL2 links VE-cadherin to contractile actin fibres necessary for aortic lumen expansion. *Nat Commun* 5, 3743.

Jerabek, S., Merino, F., Schöler, H.R., and Cojocaru, V. (2014). OCT4: dynamic DNA binding pioneers stem cell pluripotency. *Biochim Biophys Acta* 1839, 138–154.

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Kim, S.N., Jeibmann, A., Halama, K., Witte, H.T., Wälte, M., Matzat, T., Schillers, H., Faber, C., Senner, V., Paulus, W., and Klämbt, C. (2014). ECM stiffness regulates glial migration in *Drosophila* and mammalian glioma models. *Development* 141, 3233–3242.

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Kusche-Vihrog, K., **Jeggle, P.**, and Oberleithner, H. (2014). The role of ENaC in vascular endothelium. *Pflugers Arch* 466, 851–859.

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De Crécy-Lagard, V., Boccaletto, P., Mangleburg, C.G., **Sharma, P.,** Lowe, T.M., Leidel, S.A. and Bujnicki, J.M. Matching tRNA modifications in humans to their known and predicted enzymes. *in revision*

Edel, K.H., Scholz, M., Köster, P., Han, J., Schmitz-Thom, I., Böhmer, M., Turnbull, M., **Manishankar, P.**, Dong, Q., **Garbert, K.**, Drerup, M., Hippler, M., Knight, M.R., Grill, E., Kudla, J.. Calcium signaling is required for ABA mediated transcriptional adaptation to abiotic stress. *in revision*

Göbel, K.*, **Asaridou, C.M.***, Merker, M., Eichler, S., Herrmann, A.M. , Geuß E, Ruck T, Schüngel L, Groeneweg L, Gross CC, Wiendl H, Kehrel B, Kleinschnitz C*, Meuth SG*. Plasma kallikrein modulates immune cell trafficking during neuroinflammation via PAR-2. *in revision*

Gratz, R. *, **Manishankar, P.***, Ivanov, R., Köster, P., Mohr, I., Trofimov, K., Steinhorst, L., Meiser, J., Mai, H.-J., Drerup, M., Arendt, S., Holtkamp, M. , Karst, U., Kudla, J., Bauer, P., and Brumbarova, T.. CIPK11-dependent aphosphorylation modulates dynamic cellular activity of the key transcription factor FIT, promoting iron acquisition. *in revision*

Gross, C.C.* , Meyer, C.* , **Bhatia, U.***, Yshii, L.* , Kleffner, I.* , Bauer, J.* , Tröscher, A., Plate, H., Schulte-Mecklenbeck, A., , Herich, S., Schneider-Hohendorf, T., Kuhlmann, T., Schwaninger, M., Brück, W., Ringelstein, M., Dörr, J., Höftberger, R., Beltran, E., Dornmair, K., Schwab, N., Klotz, L., Meuth, S.** , Martin-Blondel, G.** , Wiendl, H.**, Liblau, R.** CD8+ T cell-mediated endotheliopathy is a targetable mechanism of neuro-inflammation, as documented in Susac syndrome. *submitted*

Kim, K.-P., Wu, Y., Gao, Y., Yoon, J., Wu, G., Adachi, K., **Velychko, S.**, Choi, H.W., Bruder, J., Kim, J., Shin, B., Röpke, A., Arauzo-Bravo, M.J., Han, D.W., Gao, S. and Schöler, H.R. Reprogramming competence of POU factors is linked to the donor-cell epigenome. *in revision*

Malik, V., Zimmer, D., Glaser, L.V., **Velychko, S.**, Chen, Y., Srivastava, Y., Veerapandian, V., Esteban, M.A., Wang, H., Chen, J., Schöler, H.R., Hutchins, A.P., Meijsing, S.H., Pott, S. and Jauch, R. Chromatin binding and regulation by pluripotency reprogramming competent and incompetent POU factors. *submitted*

Mietkowska, M., Schuberth, C., Wedlich-Söldner, R. and Gerke, V. Actin dynamics during Ca²⁺-dependent exocytosis of endothelial Weibel-Palade bodies. *submitted*

Renner, H., Grabos, M., Otto, M., **Wu, J.**, Zeuschner, D., Leidel, S.A., Schöler, H.R. and Bruder, J.M. A fully automated high throughput-workflow for human neural organoids. *submitted*

Schmidt, D., Reuter, H., **Hüttner, K.**, Ruhe, L., Rabert, F., Seebeck, F., Irimia, M., Solana, J., Bartscherer, K. The Integrator complex regulates differential snRNA processing and fate of adult stem cells in the highly regenerative planarian Schmidtea mediterranea. *in revision*

Velychko, S., Adachi, K., **Hou, Y.**, Kim, K.-P., McCarthy, C.M., Kim, J., Han, D.W., Wu, G. and Schöler, H.R. Omitting Oct4 during reprogramming unleashes the developmental potential of iPSCs. *in revision*

Velychko, S., Kang, K., Kim, S.M., Kwak, T.H., Kim, K.-P., Park, C., Hong, K., Chung, C., Hyun, J.K., McCarthy, C.M., Wu, G., Schöler, H.R. and Han, D.W. Fusion of reprogramming factors alters trajectory of somatic lineage conversion. *submitted*

Wünsch, B., **Tangherlini, G.**, Schepmann, D., Che, T., Mykicki, N., Ständer, S. and Loser, K. Development of novel quinoxaline-based KOR agonists for the treatment of neuroinflammation. *submitted*

Prizes and Awards

Prizes and awards are listed. CiM-IMPRS students also successfully applied for a variety of different travel grants which are not included below.

Johanna Breuer

- Helmut-Bauer Young-Scientist Prize for Multiple Sclerosis Research 2014
- Promotionspreis (PhD award) of Stiftung Pro ZNS (Pro CNS) 2015

Deblina Chakraborty

- Poster prize at GRC-Lung development, injury and repair, Andover, USA, 2015

Jacopo Di Russo

- Best Young Scientist Talk (1 of 2) at the International Graduate School Meeting, Münster, Germany, 2013

Stefan Frank

- Poster Prize at the World Conference for Regenerative Medicine, Leipzig, Germany, 2013
- Best Young Scientist Talk (1 of 2) at the International Graduate School Meeting, Münster, Germany, 2013

Mailin Fuchs (formerly Hamm)

- Imaging Grand Prize Award, Marine Biological Laboratory, Woods Hole, USA, 2015

Christian Helker

- MTZ-MPI Award for Young Researchers 2015

Rim Hjeij

- Talk prize at “Science Day” Münster, Germany, 2013

Lisa Honold

- Poster Prize Immunology/Inflammation at the European Molecular Imaging Meeting, Tübingen, Germany, 2015

Kathleen Hübner

- Poster Prize at the International Graduate School Meeting, Münster, Germany, 2017
- MTZ-MPI Award for Young Researchers 2018

Clemens Hug

- MTZ-MPI Award for Young Researchers 2017

Stepan Jerabek

- Semifinalist - Roche & OBR Game Changing Innovation Challenge 2014

Dmitrii Kalinin

- Poster Prize at 7th Summer School “Medicinal Chemistry”, Regensburg, Germany, 2014
- Poster Prize at EFMC-ISMC, Manchester, UK, 2016

Ruth Kläver

- Asian Journal of Andrology Outstanding Paper Award of 2016 (Paper was submitted 2013 during PhD and published in 2014)

Ivan Kuzmanov

- Poster Prize at 1st International Symposium “Autoinflammation Breaks Barriers”, Münster, Germany, 2014
- Poster Prize at 9th International Graduate School Meeting, Münster, Germany, 2015
- Paper Award for the 2016 PNAS publication, by University Hospital Münster, Germany, 2017

Urs Langen

- MTZ-MPI Award for Young Researchers 2016

Daniel Langenstroth-Röwer

- Poster Prize at the Meeting of the German Society for Andrology, Gießen, Germany, 2014

Adele Marthaler

- Poster Prize at the 7th International Stem Cell Meeting, Cologne, Germany, 2013

Valeria Prystopiuk

- Poster prize at Linz Microscopy Winter Meeting, Linz, Austria, 2014

Jyoti Rao

- MTZ®-MPI-Award for Young Researchers 2016
- Poster Prize at the International Meeting of the Stem Cell Network NRW, Bonn, Germany, 2015
- Poster Prize at Hydra X - The European Summer School on Stem Cell & Regenerative Medicine, Greece, 2014

Hanna Reuter

- Poster Prize at the 2nd European Planarian meeting, Dresden, Germany, 2013

Juliane Quinkhardt (formerly Schwarz)

- Poster Prize at the 8th Meeting of GBM RNA-Biochemistry, Bonn, Germany, 2014
- Best Innovative Approach Poster at the 7th Graduate School Meeting, Münster, Germany, 2013

Cong Xu

- Young Investigator Award at the 36th Annual Meeting of the German Society for Microcirculation and Vascular Biology (GfMVB), Münster, Germany, 2014

Lema Yousif

- Science Day Prize of the Medical Faculty, Münster, Germany, 2013

Bastian Zinnhardt

- EMIM 2015 Excellence Award for Young Researchers
- Poster Prize at the Münster Immunology Meeting, Münster, Germany, 2013

Selen Zülbahar

- Leica Poster Prize at the NeuroFly Meeting, Crete, Greece, 2014