

PHILLIPS, EMMA, DR. RER. NAT.

GENERAL INFORMATION

	<p>Postdoctoral Researcher German Cancer Research Center Junior Research Group Brain Tumor Translational Targets Im Neuenheimer Feld 580, 69120 Heidelberg, Germany Email: e.phillips@dkfz.de Tel: +49 6221 42 4635</p>	A06
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ACADEMIC EDUCATION & QUALIFICATION

Year(s)	Education
2009-2011	Master of Science in Molecular Biosciences University of Heidelberg
2004-2008	Bachelor of Science in Biochemistry and German University of Manchester

SCIENTIFIC EDUCATION & QUALIFICATION

Year(s)	Education
2012-2016	Ph.D. Thesis Division of Molecular Genetics, DKFZ (GERMANY). Under the supervision of Prof. Dr. Peter Lichter
2010-2011	Master Thesis Biochemistry Center, Heidelberg Under the supervision of Prof. Dr. Michael Brunner

PROFESSIONAL EXPERIENCE

Year(s)	Experience
2016-to date	Postdoctoral Researcher DKFZ Junior Research Group "Brain Tumor Translational Targets"
2010-2016	Freelance Translator DR KNOELL CONSULT, Mannheim
2011-2012	Research Assistant Biochemistry Center, Heidelberg

OTHER QUALIFICATIONS/ROLES/RESPONSIBILITIES

Year(s)	Qualifications/Roles/Responsibilities
2012	DKFZ PhD Program stipend

SELECTED PUBLICATIONS

1. PFKFB4 interacts with FBXO28 to promote HIF-1 α signaling in glioblastoma. Phillips E, Bals J, Bethke F, Pusch S, Christen S, Hielscher T, Schnölzer M, Fletcher MNC, Habel A, Tessmer C, Brenner LM, Göttmann M, Capper D, Herold-Mende C, von Deimling A, Fendt SM, Goidts V. **Oncogenesis**. 2022 Sep 17;11(1):57.
2. A novel patient stratification strategy to enhance the therapeutic efficacy of dasatinib in glioblastoma. Alhalabi OT, Fletcher MNC, Hielscher T, Kessler T, Lokumcu T, Baumgartner U, Wittmann E, Schlue S, Göttmann M, Rahman S, Hai L, Hansen-Palmus L, Puccio L, Nakano I, Herold-Mende C, Day BW, Wick W, Sahm F, Phillips E, Goidts V. **Neuro Oncol**. 2022 Jan 5;24(1):39-51. (Joint last authorship)

3. PERK-mediated expression of peptidylglycine α -amidating monooxygenase supports angiogenesis in glioblastoma. Soni H, Bode J, Nguyen CDL, Puccio L, Neßling M, Piro RM, Bub J, [Phillips E](#), Ahrends R, Eipper BA, Tews B, Goidts V. **Oncogenesis**. 2020 Feb 13;9(2):18.
4. Cyclopiamines C and D: Epoxide Spiroindolinone Alkaloids from *Penicillium* sp. CML 3020. Kildgaard S, de Medeiros LS, [Phillips E](#), Gotfredsen CH, Frisvad JC, Nielsen KF, Abreu LM, Larsen TO. **J Nat Prod**. 2018 Apr 27;81(4):785-790
5. A Dereplication and Bioguided Discovery Approach to Reveal New Compounds from a Marine-Derived Fungus *Stilbella fimetaria*. Kildgaard S, Subko K, [Phillips E](#), Goidts V, de la Cruz M, Díaz C, Gotfredsen CH, Andersen B, Frisvad JC, Nielsen KF, Larsen TO, **Mar Drugs**. 2017 Aug 13;15(8)
6. Targeting Atypical Protein Kinase C γ Reduces Viability in Glioblastoma Stem-like cells via a Notch Signaling Mechanism. [Phillips E](#), Lang V, Bohlen J, Bethke F, Puccio L, Tichy D, Herold-Mende C, Hielscher T, Lichter P, Goidts V, **International Journal of Cancer**, 2016 Oct 15;139(8):1776-87
7. Serine/Threonine Kinase MLK4 Determines Mesenchymal Identity in Glioma Stem Cells in an NF- κ B-dependent Manner. Kim SH, Ezhilarasan R, [Phillips E](#), Gallego-Perez D, Sparks A, Taylor D, Ladner K, Furuta T, Sabit H, Chhipa R, Cho JH, Mohyeldin A, Beck S, Kurozumi K, Kuroiwa T, Iwata R, Asai A, Kim J, Sulman EP, Cheng SY, Lee LJ, Nakada M, Guttridge D, DasGupta B, Goidts V, Bhat KP, Nakano I, **Cancer Cell**. 2016 Feb 8;29(2):201-13
8. Kinome-wide shRNA Screen Identifies the Receptor Tyrosine Kinase AXL as a Key Regulator for Mesenchymal Glioblastoma Stem-Like Cells. Cheng P, [Phillips E](#), Kim S, Taylor D, Hielscher T, Puccio L, Hjelmeland A, Lichter P, Nakano I, Goidts V. **Stem Cell Reports**, 2015
9. Stem cell characteristics in glioblastoma are maintained by the ecto-nucleotidase E-NPP1. Bageritz J, Puccio L, Piro RM, Hovestadt V, [Phillips E](#), Pankert T, Lohr J, Herold-Mende C, Lichter P, Goidts V. **Cell Death Differ**. 2014 Jun;21(6):929-40.
10. Emerging role for leucine-rich repeat-containing G-protein-coupled receptors LGR5 and LGR4 in cancer stem cells. Nakata S, [Phillips E](#), Goidts V. **Cancer Manag Res**. 2014 Mar 24;6:171-80.