

Curriculum Vitae – Antonia Weberling, M. Sc.

Education

<i>University of Cambridge</i>	Course of Studies: Ph. D. Developmental Biology	1. Jan 2018
<i>Freie Universität Berlin</i>	Course of Studies: Biochemistry (M.Sc.) Current Score: 1.3 Title of Master's thesis: Studying Molecular Mechanisms Driving Post-Implantation Mouse Morphogenesis	01. Oct 2015 – Nov 2017
	Course of Studies: Biochemistry (B.Sc.) Title of Bachelor's thesis: A Molecular Characterisation of the Interaction of LIM Kinase 1 and the BMP Receptor Type II Grade of Bachelor exam: 1.0 Overall score of Bachelor: 2.1	Oct 2012 – Sep 2015
<i>Evangelisches Gymnasium zum Grauen Kloster Berlin</i>	Overall Score of Abitur: 777/900 points (1.3) Includes Latinum, Graecum, Hebraicum	Aug 2003 – Jun 2012
<i>Meadowridge School, Maple Ridge, BC, Canada</i>	Attendance of grade 11	Sep 2009 – Aug 2010

Lab Experience

<i>Zernicka-Goetz Group, Prof. Dr. Magdalena Zernicka-Goetz University of Cambridge, UK</i>	Master's Thesis in Mammalian Embryo and Stem Cell Group Methods: Molecular Cloning (CRISPR, rtTA), 2D and 3D Stem Cell Culture, Cell Line Generation, Confocal Imaging, Live Imaging, Embryo Recovery, Embryo Manipulation	1. Feb 2017– present
<i>Mager Lab, Prof. Dr. Dixie Mager Terry Fox Laboratory, BC Cancer Agency Vancouver</i>	Research Project in Transposable Elements Lab Methods: Tissue Culture, Reporter Gene Assays	1. Sep – 25. Nov 2016
<i>Ewers Group, Prof. Dr. Helge Ewers, Freie Universität Berlin</i>	Research Project in Microscopy Lab Methods: Nanobody Expression, Purification, and Labelling, Cell Culture, Confocal Microscopy	21. Mar – 30. May 2016
<i>Knaus Group, Prof. Dr. Petra Knaus, Freie Universität Berlin</i>	Research Project and Undergraduate Internships in Signal Transduction Lab Methods: Molecular Cloning (TOPO, Mutagenesis), Cell Culture, Immunoblotting, Reporter Gene Assays, Co-	9. Nov – 18. Dec 2015

	Immunoprecipitation, Protein Expression and Purification, Flow Cytometry, Immunofluorescence and Colocalisation Assays, Western Blotting	16. Mar – 24. Jul 2015
		7. Oct – 12. Dec 2014
<i>Schreiner Group, PD Dr. Sabrina Schreiner, VIRO Institute of Virology, Helmholtz Center Munich</i>	Undergraduate internship in the Institute of Virology Methods: Cell Culture, Co-immunoprecipitation, Immunoblotting, Fluorescence Microscopy	27. Jul – 25. Sep 2015

Authorships

- Christodoulou N, Kyprianou C, **Weberling A**, Wang R, Cui G, Peng G, Jing N & Zernicka-Goetz M: [Sequential formation and resolution of multiple rosettes drives embryo remodeling after implantation](#). Nature Cell Biology. 2018 Nov 20 doi: 10.1038/s41556-018-0211-3.
- Shahbazi MN, Scialdone A, Skorupska N, **Weberling A**, Recher G, Zhu M, Jedrusik A, Devito LG, Noli L, Macaulay IC, Buecker C, Khalaf Y, Ilic D, Voet T, Marioni JC, & Zernicka-Goetz M: [Naïve pluripotency exit directs pro-amniotic cavity formation in mouse and human embryos](#). Nature. 2017 Dec 14 doi: 10.1038/nature24675.
- Lock FE, Babaian A, Zhang Y, Gagnier L, Kuah S, **Weberling A**, Karimi MM, & Mager DL: [A novel isoform of IL-33 revealed by screening for transposable element promoted genes in human colorectal cancer](#). PLoS One. 2017 Jul 17 doi: 10.1371/journal.pone.0180659.

Other

Languages German (native speaker) English (fluent)

Publications Since 2006 seven novels and several poems were written
Publication of poetry in following anthologies

- Frankfurter Bibliothek 2019, Brentano-Gesellschaft, Offenbach/Main, ISBN: 978-3-8267-0102-3
- GoldstaubGalaxie, Lyrischer Lorbeer 2017, Lorbeer Verlag, Bielefeld, ISBN: 978-3938969625
- Frankfurter Bibliothek 2018, Brentano-Gesellschaft, Offenbach/Main, ISBN: 978-3-8267-0101-6
- Frankfurter Bibliothek 2017, Brentano-Gesellschaft, Offenbach/Main, ISBN: 978-3-933800-49-7
- Bibliothek Deutschsprachiger Gedichte, Ausgewählte Werke 2016, Realis Verlags, Gräfelfing/München, ISBN 978-3-930048-73-1
- Schönwortschätze, Lyrischer Lorbeer 2016, Lorbeer Verlag, Bielefeld, ISBN: 978-3-938969-48-9
- Frankfurter Bibliothek 2016, Brentano-Gesellschaft, Offenbach/Main, ISBN: 978-3-933800-47-3

Fine Art

- First exhibition of paintings in Regensburg at the publishing company Mittelbayerische Zeitung