

BIOGRAPHICAL SKETCH Angelika Berger

PERSONAL INFORMATION

Name: Angelika Berger
Webpage: www.meduniwien.ac.at

HIGHER EDUCATION

2010 MBA, Health care Management, WU Executive Academy, Vienna University of Economics and Business
2007 Specialist for Individualized, Family centered Developmental Care, Medical University Heidelberg, Germany
2006 Subspeciality Neonatology and Pediatric Intensive Care, Vienna Medical Association
2004 Habilitation
2002 Fully qualified Pediatrician, Vienna Medical Association
1993 Promotio sub auspiciis praesidentis rei publicae, Medical University Vienna
1986 - 1992 Study of Medicine, Medical University Vienna

APPOINTMENTS/ POSITIONS

Since 2018 Head of the Comprehensive Center for Pediatrics, Medical University Vienna
Since 2016 Member of the Academic Senate of the Medical University Vienna
2014 Full Professorship "Neonatology and Pediatric Intensive Care", Medical University Vienna
Since 2014 Head of the Division of Neonatology, Pediatric Intensive Care and Neuropediatrics, General Hospital Vienna
2010 - 2014 Interim Head of the Division of Neonatology, Pediatric Intensive Care and Neuropediatrics, General Hospital Vienna
Since 2009 Deputy Head of the Department of Pediatrics and Adolescent Medicine, General Hospital Vienna, Responsibility: Research
2004 Associate Professorship Medical University Vienna

FELLOWSHIPS AND AWARDS

2014 "Frauenpreis der Stadt Klosterneuburg" for extraordinary achievements for women and children
2001 – 2004 Fellowship Neonatology and Pediatric Intensive Care, Medical University Vienna
1995 – 2002 Residency in Pediatrics and Adolescent Medicine, Medical University Vienna
1993 – 1995 Internship Vienna Hospital Association
1993 "Ehren- und Förderungspreis für hervorragende Leistungen Studierender" by the Vienna Medical Association
1992 "Nycomed Prize" for the best oral presentation given during the XXIVth SIOP meeting in Hannover
1992 "Sonderpreis des Siegfried Ludwig Fonds" for extraordinary achievements of students

SELECTED MEMBERSHIPS

Since 2019 Member of the "European Society for Pediatric Research" (ESPR)
Since 2016 Member of the "Austrian Microbiome Initiative" (AMICI)
Since 2011 Member of the "Austrian Society of Pre- and Perinatal Medicine" (ÖGPPM)
Since 2010 Member of the "German-Austrian-Swiss Society of Neonatology and Pediatric Intensive Care" (GNPI)
Since 2009 Member of the "European Academy of Pediatrics" (EAP)

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| 2005 | Founding member of the “Working group for Infectious Diseases in Pediatrics” of the Austrian Society of Pediatrics and Adolescent Medicine |
| Since 2000 | Member of the “Austrian Society of Pediatrics and Adolescent Medicine” |
| Since 1997 | Member of the “European Society of Pediatric Infectious Diseases” |

SELECTED THIRD PARTY FUNDS/ONGOING PROJECTS

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| 2016 | “The premature gut microbiome and the influence on neonatal immunity, brain development and white matter injury – The PreMiBrain study”. PI: David Berry and Angelika Berger. Interdisciplinary Cluster Project of the University of Vienna and Medical University of Vienna. €270,000 |
| 2016 | “When to intervene in posthemorrhagic hydrocephalus of preterm infants”. PI: Angelika Berger. OeNB Anniversary Fund 17189, €52.000.- |
| 2014 | “Occupational Balance in parents of preterm infants”. PI: Angelika Berger. Gemeinsame Gesundheitsziele Rahmen Pharmavertrag, €142.986.- |
| 2013 | „Establishment of an Austrian Preterm Infant Follow-Up Registry“. PI: Angelika Berger. Gemeinsame Gesundheitsziele Rahmen Pharmavertrag, €116.743.- |
| 2011 | „Use of multiplex PCR for early diagnosis of neonatal sepsis“. PI: Angelika Berger. OeNB Anniversary Fund 14277, €65.600.- |

SELECTED COLLABORATION PARTNERS

- Matthew Kemp, Ureaplasma Research, University of Western Australia, Perth, Australia
- Boris Kramer, Neonatal Immunity, Maastricht University, Maastricht, Netherlands
- Ofer Levy, Neonatal Immunity, Harvard Medical School, USA
- Mario Rüdiger, Perinatal asphyxia, University Dresden, Dresden, Germany
- Irvin Reiss, Stem cell research, Erasmus University Rotterdam, Netherlands

PROFESSIONAL AND SCHOLARLY ACTIVITIES

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| Since 2017 | Board of Experts, Austrian Microbiome Initiative |
| Since 2014 | Board Member of the Austrian Society of Pre- and Perinatal Medicine |
| Since 2013 | Board Member of the German-Swiss-Austrian Society for Neonatology and Pediatric Intensive Care |
| Since 2012 | Board Member of the Austrian Society of Pediatrics and Adolescent Medicine |
| Since 2012 | Head of the Working group of Neonatology and Pediatric Intensive Care of the Austrian Society of Pediatrics and Adolescent Medicine |

CAREER BREAKS (if applicable)

Sept 1999 – Sept 2000 Maternity leave – daughter Emilie
 Dec 2002 – Dec 2003 Maternity leave – son Paul

PUBLICATION SUMMARY

139 peer reviewed publications, 3 book chapters

TOP 15 SELECTED PEER-REVIEWED PUBLICATIONS

1. Kreitz S, Zambon A, Ronovsky M, Budinsky L, Helbich TH, Sideromenos S, Ivan C, Konerth L, Wank I, **Berger A**, Pollak A, Hess A, Pollak DD. Maternal immune activation during pregnancy impacts on brain structure and function in the adult offspring. *Brain Behav Immun*. 2020 Jan;83:56-67. doi: 10.1016/j.bbi.2019.09.011
2. Martens A, Amann G, Schmidt K, Gaupmann R, Böhm B, Dehlink E, Szépfalusi Z, Förster-Waldl E, **Berger A**, Fyhrquist N, Alenius H, Wisgrill L. An optimized, robust and reproducible protocol to generate well-differentiated primary nasal epithelial models from extremely premature infants. *Sci Rep*. 2019 Dec 27;9(1):20069. doi: 10.1038/s41598-019-56737-9.
3. Wisgrill L, Wessely I, Netzl A, Pummer L, Sadeghi K, Spittler A, **Berger A**, Förster-Waldl E. Diminished secretion and function of IL-29 is associated with impaired IFN- α response of neonatal plasmacytoid dendritic cells. *J Leukoc Biol*. 2019 Nov;106(5):1177-1185. doi: 10.1002/JLB.4A0518-189R

4. Giordano V, Edobor J, Deindl P, Wildner B, Goeral K, Steinbauer P, Werther T, **Berger A**, Olischar M. Pain and Sedation Scales for Neonatal and Pediatric Patients in a Preverbal Stage of Development: A Systematic Review. *JAMA Pediatr.* 2019 Oct 14. doi: 10.1001
5. Rittenschober-Böhm J, Waldhoer T, Schulz SM, Pimpel B, Goeral K, Kasper DC, Witt A, **Berger A**. Vaginal Ureaplasma parvum serovars and spontaneous preterm birth. *Am J Obstet Gynecol.* 2019 Feb 5. pii: S0002-9378(19)30291-1. doi: 10.1016/j.ajog.2019.01.237
6. Bartha-Doering L, Alexopoulos J, Giordano V, Stelzer L, Kainz T, Benavides-Varela S, Wartenburger I, Klebermass-Schrehof K, Olischar M, Seidl R, **Berger A**. Absence of neural speech discrimination in preterm infants at term-equivalent age. *Dev Cogn Neurosci.* 2019 Oct;39:100679. doi: 10.1016/j.dcn.2019.100679.
7. Küng E, Waldhör T, Rittenschober-Böhm J, **Berger A**, Wisgrill L. Increased nurse workload is associated with bloodstream infections in very low birth weight infants. *Sci Rep.* 2019 Apr 19;9(1):6331. doi: 10.1038
8. Schüller SS, Kramer BW, Villamor E, Spittler A, **Berger A**, Levy O. Immunomodulation to prevent or treat neonatal sepsis: past, present, and future. *Front Pediatr* 2018;6:199. Doi: 10.3389/fped.2018.00199
9. Wisgrill L, Lepuschitz S, Blaschitz M, Rittenschober-Böhm J, Diab-El Schahawi M, Schubert S, Indra A, **Berger A**. Outbreak of Yersiniabactin-Producing Klebsiella pneumoniae in a Neonatal Intensive Care Unit. *Pediatr Infect Dis J.* 2018 Nov 27. doi: 10.1097/INF.0000000000002258
10. Pichler K, Assadian O, **Berger A**. Viral Respiratory Infections in the Neonatal Intensive Care Unit-A Review. *Front Microbiol.* 2018 Oct 19;9:2484. doi: 10.3389/fmicb.2018.02484
11. Rittenschober-Böhm J, Waldhoer T, Schulz SM, Stihsen B, Pimpel B, Goeral K, Hafner E, Sliutz G, Kasper DC, Witt A, **Berger A**. First Trimester Vaginal Ureaplasma Biovar Colonization and Preterm Birth: Results of a Prospective Multicenter Study. *Neonatology.* 2017 Sep 22;113(1):1-6.
12. Wisgrill L, Zizka J, Unterasinger L, Rittenschober-Böhm J, Waldhör T, Makrithathis A, **Berger A**. Active Surveillance Cultures and Targeted Decolonization Are Associated with Reduced Methicillin-Susceptible Staphylococcus aureus Infections in VLBW Infants. *Neonatology.* 2017 Jul 14;112(3):267-273.
13. Schüller SS, Wisgrill L, Herndl E, Spittler A, Förster-Waldl E, Sadeghi K, Kramer BW, **Berger A**. Pentoxifylline modulates LPS-induced hyperinflammation in monocytes of preterm infants in vitro. *Pediatr Res.* 2017 Aug;82(2):215-225.
14. Wisgrill L, Groschopf A, Herndl E, Sadeghi K, Spittler A, **Berger A**, Förster-Waldl E. Reduced TNF- α response in preterm neonates is associated with impaired nonclassic monocyte function. *J Leukoc Biol.* 2016 Sep;100(3):607-12.
15. Schüller S, Wisgrill L, Sadeghi K, Gindl E, Helmer H, Husslein P, **Berger A**, Spittler A, Förster-Waldl E. The TLR-specific adjuvants R-848 and CpG-B endorse the immunological reaction of neonatal antigen-presenting cells. *Pediatr Res.* 2016 Aug;80(2):311-8.