



BIOGRAPHICAL SKETCH Angelika Berger

PERSONAL INFORMATION

Name: Angelika Berger
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HIGHER EDUCATION

1986 - 1992 Study of Medicine, Medical University Vienna (MUV)
1993 Promotio sub auspiciis praesidentis rei publicae, MUV
2004 Habilitation
2008-2010 MBA, Health care Management, WU Executive Academy, Vienna
University of Economics and Business

APPOINTMENTS/ POSITIONS

2004 Associate Professorship MUV
2007 Senior Clinical Specialist for Neonatology and Pediatric Intensive Care, Prince Court Medical Center, Kuala Lumpur, Malaysia
Since 2009 Deputy Head of the Department of Pediatrics and Adolescent Medicine, General Hospital Vienna
2010 - 2014 Interim Head of the Division of Neonatology, Pediatric Intensive Care und Neuropediatrics, General Hospital Vienna
Since 2014 Head of the Division of Neonatology, Pediatric Intensive Care and Neuropediatrics, General Hospital Vienna
2014 Full Professorship "Neonatology and Pediatric Intensive Care", MUV
Since 2019 Head of the Comprehensive Center for Pediatrics, Medical University Vienna/General Hospital Vienna

FELLOWSHIPS AND AWARDS

1992 "Nycomed Prize" for the best oral presentation given during the XXIVth SIOF meeting in Hannover
1993 "Ehren- und Förderungspreis für hervorragende Leistungen Studierender" by the Vienna Medical Association
1995 – 2002 Residency in Pediatrics and Adolescent Medicine, MUV
2002 – 2004 Fellowship Neonatology and Pediatric Intensive Care, MUV
2006-2007 Postgraduate training for Individualized, Family-centred, Developmental Care, Medical University Heidelberg, Germany
2014 "Frauenpreis der Stadt Klosterneuburg" for extraordinary achievements for women and children

SELECTED MEMBERSHIPS

Since 1997 Member of the European Society for Pediatric Infectious Diseases (ESPID)
Since 2000 Member of the Austrian Society for Pediatrics and Adolescent Medicine (ÖGKJ)
Since 2009 Member of the "European Academy of Pediatrics" (EAP)
Since 2010 Member of the German/Austrian/Swiss Society for Neonatology and Pediatric Intensive Care (GNPI)
Since 2022 Member of the European Society for Pediatric Research (ESPR)
Since 2023 Member of the European Society for Clinical Microbiology and Infectious Diseases (ESCMID)

SELECTED THIRD PARTY FUNDS/ONGOING PROJECTS

2011 „Use of multiplex PCR for early diagnosis of neonatal sepsis“. OeNB Anniversary Fund 14277, PI
2013 „Establishment of an Austrian Preterm Infant Follow-Up Registry“. Gemeinsame Gesundheitsziele Rahmen Pharmavertrag, PI

2014	“Occupational Balance in parents of preterm infants”. Gemeinsame Gesundheitsziele Rahmen Pharmavertrag, Principal Investigator
2016	“When to intervene in posthemorrhagic hydrocephalus of preterm infants”. OeNB Anniversary Fund 17189, PI
2017	“The premature gut microbiome and the influence on neonatal immunity, brain development and white matter injury – The PreMiBrain study”. Interdisciplinary Cluster Project of the University of Vienna and Medical University of Vienna, PI
2017	Cerebral Tissue Oxygenation Saturation to Guide Oxygen Delivery – FWF (Austrian Science Fund), Programme Clinical Research (KLIF), Coordinator of the collaborative project

SELECTED COLLABORATION PARTNERS

- Dieter Wolke, ALSPAC Study, Bavarian Longitudinal Study, University of Warwick, UK
- Janine Felix, Generation R Study, Erasmus University Rotterdam, NL
- Boris Kramer, Infection/Immunity and Outcome, Poznan University, Poland
- Simone Schüller, Neonatal Immunity, University of Western Australia, Perth, Australia
- Irvin Reiss, Neonatal Infections, Erasmus University Rotterdam, NL
- Mario Rüdiger, Perinatal asphyxia, University Dresden, Dresden, Germany
- Philipp Deindl, Analgesia and Sedation, University Medical Center Hamburg, Germany

PROFESSIONAL AND SCHOLARLY ACTIVITIES

2012 - 2017	Chairwoman of the Working group for Neonatology & Pediatric Intensive Care of the Austrian Society of Pediatrics and Adolescent Medicine
Since 2014	Board Member of the Austrian Society of Pre- and Perinatal Medicine
Since 2015	Board Member of the German-Swiss-Austrian Society for Neonatology and Pediatric Intensive Care
Since 2016	Member of the Academic Senate of the Medical University Vienna
Since 2019	Board Member of the Austrian Platform for Patient Safety
Since 2019	Board Member of the International Postgraduate Organization for Knowledge Transfer, Research and Teaching Excellent Students (IPOKRATES)
Since 2023	Vice President of the Austrian Society of Pre- and Perinatal Medicine
Since 2024	Executive Board Member of the European Children’s Hospitals Organisation (ECHO)
Since 2025	Vice President of ECHO
2024-2026	Member of the ESCMID Global Program Committee Meeting

CAREER BREAKS (if applicable)

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

PUBLICATION SUMMARY

232 peer reviewed publications, 3 book chapters, H-index 44

SELECTED PEER-REVIEWED PUBLICATIONS LAST 5 YEARS

1. Jamnik T, Flasch M, Braun D, Fareed Y, Wasinger D, Seki D, Berry D, **Berger A**, Wisgrill L, Warth B. Next-generation biomonitoring of the early-life chemical exposome in neonatal and infant development. *Nat Commun.* 2022 May 12;13(1):2653. doi: 10.1038/s41467-022-30204-y.
2. Rittenschober-Böhm J, Fuiko R, Farr A, Willinger B, **Berger A**, Göral K. Intrauterine Detection of Ureaplasma Species after Vaginal Colonization in Pregnancy and Neonatal Outcome. *Neonatology* 2024;121(2):187-194. doi: 10.1159/000534779
3. Seki D, Mayer M, Hausmann B, Pjevac P, Giordano V, Göral K, Unterasinger L, Klebermaß-Schrehof K, DePaepe K, Van de Wiele T, Spittler A, Kasprian G, Warth B, **Berger A**, Berry D, Wisgrill L. Aberrant gut-microbiota-immune-brain axis development in premature neonates with brain damage. *Cell Host Microbe* 2021 Oct 13;29(10):1558-1572.e6. doi: 10.1016/j.chom.2021.08.004.
4. Seki D, Kirkegaard, Osvatic, Hausmann, Seneca, Pjevac, **Berger A**, Hall, Wisgrill L, Berry D. Gut microbiota genome features associated with brain injury in extremely premature infants. *Gut Microbes.* 2024 Jan-Dec;16(1):2410479. doi: 10.1080/19490976.2024.2410479.
5. Pristner, Wasinger, Seki D, Klebermass-Schrehof K, **Berger A**, Berry D, Wisgrill L, Warth B. Neuroactive metabolites and bile acids are altered in extremely premature infants with brain injury. *Cell Rep Med.* 2024 Apr 16;5(4):101480. doi: 10.1016/j.xcrm.2024.101480.
6. Bellach L, Eigenschink M, Hassanein A, Savran D, Salzer U, Müllner EW, Repa A, Klebermass-Schrehof K, Wisgrill L, Giordano V, **Berger A**. Packed red blood cell transfusion in preterm infants. *Lancet Haematol.* 2022 Aug;9(8):e615-e626. doi: 10.1016/S2352-3026(22)00207-1
7. Thanhäuser M, Steyrl D, Fuiko R, Brandstetter S, Binder C, Thajer A, Huber-Dangl M, Haiden N, **Berger A**, Repa A. A secondary Outcome Analysis of a Randomized Trial Using a Mixed Lipid Emulsion Containing Fish Oil in Infants

- with Extremely Low Birth Weight: Cognitive and Behavioral Outcome at Preschool Age *J Pediatr* 2023 Mar;254:68-74.e3. doi: 10.1016/j.jpeds.2022.10.014. Epub 2022 Oct 17.
8. Thanhäuser M, Gsöllpointner M, Kornsteiner-Krenn M, Steyrl D, Brandstetter S, Jilma B, **Berger A**, Haidan N. Introduction of solid foods in preterm infants and its impact on growth in the first year of life – a prospective observational study. *Nutrients* 2024 Jun 28;16(13):2077. doi: 10.3390/nu16132077.
 9. Steinbauer P, Bichler M, Fuiko R, Seferagic S, Haas H, Lisy T, Weinmüller S, **Berger A**, Olischar M, Panagl A, Giordano V. CARTOON-based educational intervention for children to foster hygiene knowledge and emotional resilience in preschool children: a randomized controlled trial. *Front Pediatr* 2025 Apr 11;13:1514793. doi: 10.3389/fped.2025.1514793. eCollection 2025.
 10. Pointner N, Savran D, Mader J, Steinbauer P, **Berger A**, Fuiko R, Steyrl D, Giordano V. Prediction of Language Development in Neonates born at less than 32 weeks of gestation. *J Pediatr* 2026 Mar;290:114959. doi: 10.1016/j.jpeds.2025.114959.
 11. Grill A, Mikula F, Jansen S, Klein L, Rittenschober-Böhm J, Leitich H, Farr A, **Berger A**, Göral K. Neonatal outcomes following previable rupture of membranes below 23 weeks' gestation. *Eur J Pediatr* 2025 Jul 25;184(8):503. doi: 10.1007/s00431-025-06324-0.
 12. Küng E, Habrina L, **Berger A**, Werther T, Aichhorn L. Diagnosing pneumomediastinum in a neonate using a lung ultrasound. *Lancet* 2021 Sep 4;398(10303):e13. doi: 10.1016/S0140-6736(21)01592-0.
 13. Göral K, Hauck A, Atkinson A, Wagner M, Pimpel B, Fuiko R, Klebermass-Schrehof K, Leppert D, Kuhle S, **Berger A**, Olischar M, Wellmann S. Early life serum neurofilament dynamics predict neurodevelopmental outcome of preterm infants. *J Neurol* 2021 Jul;268(7):2570-2577. doi: 10.1007/s00415-021-10429-5.
 14. Küng E, Göral K, Unterasinger L, Schilhart-Wallisch C, **Berger A**, Wisgrill L, Dorffner G. Machine learning-based tool to assess risk of hemodynamically significant PDA in extremely premature infants. *Pediatr Res.* 2025 Oct 29. doi: 10.1038/s41390-025-04489-w
 15. Wisgrill L, Martens A, Kasbauer, Eigenschink M, Pummer L, Redlberger-Fritz M, Vegvari, Warth B, **Berger A**, Fyhrquist, Alenius. Network analysis reveals age- and virus-specific circuits in nasal epithelial cells of extremely premature infants. *Allergy* 2024 Nov;79(11):3062-3081. doi: 10.1111/all.16196.
 16. Bibl K, Wagner M, Dvorsky R, Haderer, Strasser, **Berger A**, Ades, Castera, Gross, Nishisaki. Impact of a Two-Person Mask Ventilation Technique during Neonatal Resuscitation: A Simulation-Based Randomized Controlled Trial *J Pediatr.* 2025 Mar 28;114568. doi: 10.1016/j.jpeds.2025.114568.
 17. Eigenschink M, Wessely, Dijmarescu, Förster-Waldl E, Farr A, Kiss H, **Berger A** Wisgrill L. Transcriptomic analysis identifies lactoferrin-induced quiescent circuits in neonatal macrophages. *Front Immunol.* 2023 Oct 6;14:1276173. doi: 10.3389/fimmu.2023.1276173.
 18. Dvorsky R, Rings F, Bibl K, Rössler K, Kumer, Steinbauer P, Schwarz H, Ritschl, Schmörlzer G, **Berger A**, Werther T, Wagner M. Real-Time Intubation and Ventilation Feedback: A Randomized Controlled Simulation Study. *Pediatrics* 2023 May 1;151(5):e2022059839. doi: 10.1542/peds.2022-059839.
 19. Pichler, Göral, Hammerl, Perme et al, COSGOD II study group. Cerebral regional tissue Oxygen Saturation to Guide Oxygen Delivery in preterm neonates during immediate transition after birth (COSGOD III): multicentre randomised phase 3 clinical trial. *BMJ.* 2023 Jan 24;380:e072313. doi: 10.1136/bmj-2022-072313.
 20. Wellmann, Hagmann, vonFelten, et al. Epo Repair Investigators. Safety and Short-term Outcomes of High-Dose Erythropoietin in Preterm Infants With Intraventricular Hemorrhage: The EpoRepair Randomized Clinical Trial. *JAMA Netw Open* 2022 Dec 1;5(12):e2244744. doi: 10.1001/jamanetworkopen.2022.44744.