

Curriculum Vitae

Martin Witzenrath Professor, Dr. med.
d.o.b. June 05th, 1974, in Bietigheim, Germany

University Education and Professional Career

Since 2022 Chair for Respiratory Medicine, Department of Infectious Diseases, Respiratory Medicine and Critical Care Medicine, Charité Berlin
Since 2022 Director of the Department of Respiratory Medicine and Critical Care Medicine, Charité
Since 2022 Medical Director, CC12 Charité Center for Internal Medicine and Dermatology, Charité
2014–2022 Site Director, Department for Infectious Diseases and Respiratory Medicine, Charité
2012 Specialist for Pneumology, Charité Berlin
2011–2022 Senior physician, Department for Infectious Diseases and Respiratory Medicine, Charité
2010 Specialist for Internal Medicine, Charité Berlin
2010 Habilitation and Venia legendi in Experimental Medicine, Charité Berlin
2003 Doctorate Medicine, Justus Liebig University Giessen
1994–2001 Studies of Human Medicine, Justus Liebig University Giessen

Scientific Career

Since 2020 Speaker of BMBF-funded pneumonia research networks SYMPATH (02/20-06/25), PROVID (06/20-06/22), NAPKON-HAP (08/20-12/24), and of G-BA-funded telemedicine project T-CABS (10/24-12/27)
2020-2023 German Coordinator of BMBF-funded research network MAPVAP (01/20-06/23)
2017 Appointment: W3-University Professorship for Pneumology, Charité Berlin
2017 Appointment: W3-University Professorship for Infectious Diseases, Medizinische Hochschule Hannover (primo loco), *declined*
2016 Appointment: W3-University Professorship of Internal Medicine/Pneumology at the University of Lübeck (Chair of Pneumology and Director of the University Clinic of Pneumology; and Director of the Clinic at the Borstel Research Center; and Medical Director of the Leibniz Institute Borstel), *declined*
Since 2015 Executive Board Member of CAPNETZ Foundation
2012 Appointment: W2-University Professorship for Pneumology/Respiratory Infections, Charité Berlin
2011 Appointment: W3 Endowed Professorship for Experimental Pneumology at Saarland University (primo loco), *declined*
2005–2012 Head of research group “Lung Inflammation”, Department of Infectious Diseases and Respiratory Medicine, Charité Berlin
2001–2005 Postdoctoral Fellow, Department of Infectious Diseases and Respiratory Medicine, Charité Berlin

Selected Awards and Activities

Since 2025 Vice President of the German Respiratory Society (DGP)
Since 2024 Co-Speaker of Disease Area “Pneumonia and Acute Lung Injury” of DZL
2021 Qualification as “Specialist in Infectious Diseases”, German Society of Infectious Diseases (DGI)
Since 2020 Elected member of German Research Council (DFG) “Fachkollegium Medizin”
Since 2019 Ombudsman (good scientific practice) at Charité Berlin
2019 Fellow of European Respiratory Society (ERS) Award for excellence in contributions to research, education and clinical leadership in respiratory medicine
Since 2017 Associated PI of the German Center for Lung Research (DZL)
2013 Award for extraordinary merits in teaching, Charité Medical Faculty
2010 Scientific Award of the German Society for Pneumology

- 2008 American Thoracic Society Assembly Award (Assembly on Respiratory Structure and Function)
- 2007 American Thoracic Society Assembly Award (Assembly on Microbiology, Tuberculosis and Respiratory Infections)

Citation Record

Total citations: 22,186; h-index: 72; h-index since 2021: 54 (Google Scholar March 13th, 2026)

Top-10 selected Publications

Nouailles G, Bischoff R, Linke K, Taylor A, Gutbier B, Pennitz P, Goekeri C, Kunder S, Voß A, Brömel TC, Kershaw O, Milek M, Farztdinov V, Mülleder M, Weissmüller S, Heinz CC, Visser M, Bohlaender F, Ahrens K, Beule D, Gruber AD, Koenig M, **Witzenrath M**. Trimodulin Supports Antibacterial Defence and Restricts Inflammation in Preclinical Pneumonia Models. **Eur Respir J**. 2026; 67(2):2500392. doi: [10.1183/13993003.00392-2025](https://doi.org/10.1183/13993003.00392-2025).

Weissfuss C, Li J, Behrendt U, Hoffmann K, Bürkle M, Tan C, Krishnamoorthy G, Korf IHE, Rohde C, Gaborieau B, Debarbieux L, Ricard JD, **Witzenrath M**, Felten M, Nouailles G. Adjunctive phage therapy improves antibiotic treatment of ventilator-associated-pneumonia with *Pseudomonas aeruginosa*. **Nat Commun**. 2025; 16(1):4500. doi: [10.1038/s41467-025-59806-y](https://doi.org/10.1038/s41467-025-59806-y).

Knoll R, Helbig ET, Dahm K, Bolaji O, Hamm F, Dietrich O, van Uelft M, Müller S, Bonaguro L, Schulte-Schrepping J, Petrov L, Krämer B, Kraut M, Stubbemann P, Thibeault C, Brumhard S, Theis H, Hack G, De Domenico E, Nattermann J, Becker M, Beyer MD, Hillus D, Georg P, Loers C, Tiedemann J, Tober-Lau P, Lippert L, Millet Pascual-Leone B, Tacke F, Rohde G, Suttorp N, **Witzenrath M**; CAPNETZ Study Group; Pa-COVID-19 Study Group; Saliba AE, Ulas T, Polansky JK, Sawitzki B, Sander LE, Schultze JL, Aschenbrenner AC, Kurth F. The life-saving benefit of dexamethasone in severe COVID-19 is linked to a reversal of monocyte dysregulation. **Cell**. 2024; 187(16):4318-4335.e20. doi: [10.1016/j.cell.2024.06.014](https://doi.org/10.1016/j.cell.2024.06.014).

Felten M, Ferencik S, Teixeira Alves LG, Letsiou E, Lienau J, Müller-Redetzky HC, Langenhagen AK, Voß A, Dietert K, Kershaw O, Gruber AD, Michalick L, Kuebler WM, Ananthasubramaniam B, Maier B, Uhlenhaut H, Kramer A*, **Witzenrath M***. Ventilator-induced Lung Injury Is Modulated by the Circadian Clock. **Am J Respir Crit Care Med**. 2023; 207(11):1464-1474. doi: [10.1164/rccm.202202-03200C](https://doi.org/10.1164/rccm.202202-03200C). *shared last author.

Erfinanda L, Zou L, Gutbier B, Kneller L, Weidenfeld S, Michalick L, Lei D, Reppe K, Teixeira Alves LG, Schneider B, Zhang Q, Li C, Fatykhova D, Schneider P, Liedtke W, Sohara E, Mitchell TJ, Gruber AD, Hocke A, Hippenstiel S, Suttorp N, Olschewski A, Mall MA, **Witzenrath M**, Kuebler WM. Loss of endothelial CFTR drives barrier failure and edema formation in lung infection and can be targeted by CFTR potentiation. **Sci Transl Med**. 2022; 14(674):eabg8577. doi: [10.1126/scitranslmed.abg8577](https://doi.org/10.1126/scitranslmed.abg8577).

Vlaar APJ, **Witzenrath M**, van Paassen P, Heunks LMA, Mourvillier B, de Bruin S, Lim EHT, Brouwer MC, Tuinman PR, Saraiva JFK, Marx G, Lobo SM, Boldo R, Simon-Campos JA, Cornet AD, Grebenyuk A, Engelbrecht JM, Mukansi M, Jorens PG, Zerbib R, Rückinger S, Pilz K, Guo R, van de Beek D, Riedemann NC; PANAMO study group. Anti-C5a antibody (vilobelimab) therapy for critically ill, invasively mechanically ventilated patients with COVID-19 (PANAMO): a multicentre, double-blind, randomised, placebo-controlled, phase 3 trial. **Lancet Respir Med**. 2022; 10(12):1137-1146. doi: [10.1016/S2213-2600\(22\)00297-1](https://doi.org/10.1016/S2213-2600(22)00297-1).

Witzenrath M, Welte T. A leap towards personalised therapy of acute lung injury. **Eur Respir J**. 2022; 60(6):2201808. doi: [10.1183/13993003.01808-2022](https://doi.org/10.1183/13993003.01808-2022).

Nouailles G, Wyler E, Pennitz P, Postmus D, Vladimirova D, Kazmierski J, Pott F, Dietert K, Muelleder M, Farztdinov V, Obermayer B, Wienhold SM, Andreotti S, Hoefler T, Sawitzki B, Drosten C, Sander LE, Suttorp N, Ralser M, Beule D, Gruber AD, Goffinet C, Landthaler M, Trimpert J, **Witzenrath M**. Temporal omics analysis in Syrian hamsters unravel cellular effector responses to moderate COVID-19. **Nat Commun.** 2021; 12(1):4869. doi: [10.1038/s41467-021-25030-7](https://doi.org/10.1038/s41467-021-25030-7).

Wendisch D, Dietrich O, Mari T, von Stillfried S, Ibarra IL, Mittermaier M, Mache C, Chua RL, Knoll R, Timm S, Brumhard S, Krammer T, Zauber H, Hiller AL, Pascual-Reguant A, Mothes R, Bülow RD, Schulze J, Leipold AM, Djudjaj S, Erhard F, Geffers R, Pott F, Kazmierski J, Radke J, Pergantis P, Baßler K, Conrad C, Aschenbrenner AC, Sawitzki B, Landthaler M, Wyler E, Horst D; Deutsche COVID-19 OMICS Initiative (DeCOI); Hippenstiel S, Hocke A, Heppner FL, Uhrig A, Garcia C, Machleidt F, Herold S, Elezkurtaj S, Thibeault C, **Witzenrath M**, Cochain C, Suttorp N, Drosten C, Goffinet C, Kurth F, Schultze JL, Radbruch H, Ochs M, Eils R, Müller-Redetzky H, Hauser AE, Luecken MD, Theis FJ, Conrad C, Wolff T, Boor P, Selbach M, Saliba AE, Sander LE. SARS-CoV-2 infection triggers profibrotic macrophage responses and lung fibrosis. **Cell.** 2021; 184(26):6243-6261.e27. doi: [10.1016/j.cell.2021.11.033](https://doi.org/10.1016/j.cell.2021.11.033).

Ochs M, Timm S, Elezkurtaj S, Horst D, Meinhardt J, Heppner FL, Weber-Carstens S, Hocke AC, **Witzenrath M**. Collapse induration of alveoli is an ultrastructural finding in a COVID-19 patient. **Eur Respir J.** 2021; 57(5):2004165. doi: [10.1183/13993003.04165-2020](https://doi.org/10.1183/13993003.04165-2020).