

## Curriculum Vitae: Jessica Rademacher

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### Personal Details

Full Name: **Jessica Rademacher**  
Date of birth: 17.09.1980  
Nationality: German  
Marital status: married, 2 children  
Phone: +49 511 5329735  
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### Current Position

Since 2018 Head of the Antibiotic Stewardship Team at the Medical School Hannover, Department of Respiratory Medicine and Infectious Disease

### Education

2000-2006 M.D., Medical School, Universities of Halle and Aachen,  
12/2006 Full license to practice medicine

09/2008 Doctoral thesis: „Endothelial progenitor cells in collagen matrices to improve  
vaculogenesis in Tissue Engineering” Plastic Surgery, RWTH Aachen, magna cum  
laude

08/2019 Habilitation „Epidemiology, diagnostic and therapy of bronchiectasis”, Respiratory  
Medicine, Medical School Hannover

06/2024 APL- professor

### Professional career

2007-2008 Junior physician in the Dept. of Hematology and Oncology, Charité Berlin  
2008-2014 Junior physician in the Dept. of Respiratory Medicine, Hannover Medical School  
2014 Specialist in Respiratory Medicine  
2018 Obtaining the additional qualification in Infectious diseases  
2018 Senior physician Dept. of Respiratory Medicine

### Research Interests

- Pneumonia
- Non-Tuberculous Mycobacteria
- Vaccination
- Bronchiectasis
- Lung transplantation

### Additional Information

Since 2007 Member of the Community acquired pneumonia network Mitglied (CAPNETZ)  
Since 2014 Structure and board member of the Bronchiectasis German Registry (PROGNOSIS)  
Since 2018 Medical Advisory Board Kartagener e.V.  
Since 2019 Section Editor of Infection  
2019 Receipt of the Manes-Kartagener award  
Since 2019 Lead Management of the German Hospital-acquired pneumonia (HAP) guideline  
Since 2021 Sections spokesperson Infectious Disease and Tuberculosis German respiratory  
society  
Since 2021 Editor of Intensive- und Emergency medicine

## Ten selected publications

1. Clinical features, diagnostic, aetiology and outcome of hospitalised solid organ recipients with community-acquired pneumonia: a retrospective cohort analysis. Joean O, von Eynern LP, Welte T, Einecke G, Dettmer S, Fuge J, Taubert R, Wedemeyer H, **Rademacher J**. *Chest*. 2024 May 30;S0012-3692(24)00671-8.
2. Respiratory Syncytial Virus–Associated Respiratory Diseases in Children and Adults. Tenenbaum T, Liese J, Welte T, **Rademacher J**. *Dtsch Arztebl Int*. 2024 May 3;(Forthcoming):arztebl.m2024.0060.
3. Factors influencing voriconazole plasma level in intensive care patients. Hinze CA, Fuge J, Grote-Koska D, Brand K, Slevogt H, Cornberg M, Simon S, Joean O, Welte T, **Rademacher J**. *JAC Antimicrob Resist*. 2024 Mar 18;6(2):dlae045.
4. Photon Counting Computed Tomography with the Radiation Dose of a Chest X-Ray: Feasibility and Diagnostic Yield. Dettmer S, Werncke T, Mitkovska VN, Brod T, Joean O, Vogel-Claussen J, Wacker F, Welte T, **Rademacher J**. *Respiration*. 2024;103(2):88-94.
5. Association of respiratory infections and the impact of vaccinations on cardiovascular diseases. **Rademacher J**, Therre M, Hinze CA, Buder F, Böhm M, Welte T. *Eur J Prev Cardiol*. 2024 May 11;31(7):877-888.
6. Ciliary Ultrastructure Assessed by Transmission Electron Microscopy in Adults with Bronchiectasis and Suspected Primary Ciliary Dyskinesia but Inconclusive Genotype. Staar BO, Hegermann J, Auber B, Ewen R, von Hardenberg S, Olmer R, Pink I, Rademacher J, Wetzke M, Ringshausen FC. *Cells*. 2023 Nov 18;12(22):2651.
7. The role of vaccination in COPD: influenza, SARS-CoV-2, pneumococcus, pertussis, RSV and varicella zoster virus. Simon S, Joean O, Welte T, **Rademacher J**. *Eur Respir Rev*. 2023 Sep 6;32(169):230034.
8. **Rademacher J**, Martin L, Theloe A, Stahl M, Mall MA, Joean O, Fuge J, Hansen G, Welte T, Schütz K, Ringshausen FC, Dittrich AM. Optimal treatment of the underlying aetiology is the most effective antimicrobial stewardship for chronic respiratory disease: a lesson learned from cystic fibrosis. *ERJ Open Res*. 2023 Aug 29;9(4):00356-2023.
9. *Pseudomonas aeruginosa* population genomics among adults with bronchiectasis across Germany. Rosenboom I, Oguz S, Lüdemann IM, Ringshausen FC, **Rademacher J**, Sedlacek L, Tümmler B, Cramer N. *ERJ Open Res*. 2023 Jun 26;9(3):00156-2023.
10. Hamed MM, Abdelsamie AS, Rox K, Schütz C, Kany AM, Röhrig T, Schmelz S, Blankenfeldt W, Arce-Rodriguez A, Borrero-de Acuña JM, Jahn D, **Rademacher J**, Ringshausen FC, Cramer N, Tümmler B, Hirsch AKH, Hartmann RW, Empting M. Towards Translation of PqsR Inverse Agonists: From In Vitro Efficacy Optimization to In Vivo Proof-of-Principle. *Adv Sci (Weinh)*. 2023 Feb;10(5):e2204443.