

Curriculum Vitae

Werner Seeger Professor, Dr. med.
d.o.b. November 06th, 1953, in Herford, Germany

University Education

1986 Habilitation Internal Medicine, JLU
1980 Doctorate Medicine, JLU
1972–1979 Studies of Medicine, Westfälische-Wilhelms University Münster and Justus Liebig University Giessen (JLU)

Scientific Career

Since 2020 Chair of the Institute for Lung Health, JLU/DZL, Giessen, Germany
Since 2019 President of the international “Pulmonary Vascular Institute” (PVRI)
Since 2016 External Scientific Member and Research Laboratory Leader at the Biomedicine Research Institute in Buenos Aires, Argentina (IBIOBA)
Since 2015 Member of the Forum for Health Research (Forum Gesundheitsforschung) of the German Ministry for Research and Education
Since 2011 Chair of the German Center for Lung Research (DZL)
Since 2010 Chair of the Universities of Giessen and Marburg Lung Center (UGMLC)
2007–2010 Chairman of the Medical Commission of the German Council of Science and Humanities
Since 2007 Director of the Department of Lung Development and Remodeling at the Max Planck Institute for Heart and Lung Research, Bad Nauheim
2006–2013 Member of the Health Research Council (Gesundheitsforschungsrat)
2003–2009 Member, German Council of Science and Humanities (The Wissenschaftsrat)
Since 2006 Coordinator of the Excellence Cluster Cardio-Pulmonary System/Cardio-Pulmonary Institute (ECCPS/CPI)
2002–2009 Member, Senate Committee “Clinical Research”, German Research Foundation
Since 2000 Medical Executive Director of the Department of Internal Medicine, JLU
Since 1999 Chair, TransMIT GmbH, Medical Technology
1997–2009 Head, Collaborative Research Center SFB 547 “Cardiopulmonary Vascular System”
Since 1996 Professor of Internal Medicine, Section Head of Respiratory and Critical Care Medicine, JLU (professorship prolonged until 2024 by the University President)
1991–1996 Head, Clinical Research Group “Respiratory Failure”, JLU
1987–1991 Assistant Professor of Medicine, Department of Medicine, JLU
1982–1987 Internship and Residency, Department of Medicine, JLU
1979–1982 Postdoctoral Fellow, Department of Pathological Biochemistry, JLU

Awards and Honors

2021 Lifetime Achievement Award of the Medical Faculty, JLU
2019 International Balzan Prize “Pathophysiology of Respiration”
2018 Walter Siegenthaler Gold Medal for Lifelong Achievements
2014 American Heart Association Dickinson W. Richards Memorial Award
2014 Fellow of the European Respiratory Society (FERS)
2014 Von Behring-Röntgen Research Medal
2014 European Respiratory Society Congress Award for Outstanding Scientific Achievements
2013 International Pulmonary Vascular Research Institute Achievement Award
2008 Robert-Pfleger Award
2000 Election to the German Academy of Natural Sciences Leopoldina
1988 Theodor Frerichs Award, German Society for Internal Medicine (DGIM)
1987 Schunk Award for Medicine, JLU

Citation Record

Total citations: 76,454; h-index:130; h-index since 2017: 68 (Google Scholar July 20th, 2022)

Top-10 selected Publications

Chelladurai P, Kuenne C, Bourgeois A, Günther S, Valasarajan C, Cherian AV, Rottier RJ, Romanet C, Weigert A, Boucherat O, Eichstaedt CA, Ruppert C, Guenther A, Braun T, Looso M, Savai R, **Seeger W**, Bauer UM, Bonnet S, Pullamsetti SS. Epigenetic reactivation of transcriptional programs orchestrating fetal lung development in human pulmonary hypertension. *Sci Transl Med* 2022; 14(648):eabe5407 doi: [10.1126/scitranslmed.abe5407](https://doi.org/10.1126/scitranslmed.abe5407).

Pullamsetti SS, Kojonazarov B, Storn S, Gall H, Salazar Y, Wolf J, Weigert A, El-Nikhely N, Ghofrani HA, Krombach GA, Fink L, Gattenlöhner S, Rapp UR, Schermuly RT, Grimminger F, **Seeger W**, Savai R. Lung cancer-associated pulmonary hypertension: Role of microenvironmental inflammation based on tumor cell-immune cell cross-talk. *Sci Transl Med* 2017; 9(416):eaai9048. doi: [10.1126/scitranslmed.aai9048](https://doi.org/10.1126/scitranslmed.aai9048).

El Agha, E, Moiseenko A, Kheirollahi V, De Langhe S, Crnkovic S, Kwapiszewska G, Kosanovic D, Schwind F, Schermuly RT, Henneke I, MacKenzie B, Quantius J, Herold S, Ntokou A, Ahlbrecht K, Morty RE, Günther A, **Seeger W**, Bellusci, S. Two-way conversion between lipogenic and myogenic fibroblastic phenotypes marks the progression and resolution of lung fibrosis. *Cell Stem Cell* 2017; 20(2):261-73.e3. doi: [10.1016/j.stem.2016.10.004](https://doi.org/10.1016/j.stem.2016.10.004).

Savai R, Al-Tamari HM, Sedding D, Kojonazarov B, Muecke C, Teske R, Capecchi MR, Weissmann N, Grimminger F, **Seeger W**, Schermuly RT, Pullamsetti SS. Pro-proliferative and inflammatory signaling converge on FoxO1 transcription factor in pulmonary hypertension. *Nat Med* 2014; 20(11):1289-1300. doi: [10.1038/nm.3695](https://doi.org/10.1038/nm.3695).

Ghofrani HA, **Seeger W**, Grimminger F. Imatinib for the treatment of pulmonary arterial hypertension. *N Engl J Med* 2005; 353(13):1412-3. doi: [10.1056/NEJMc051946](https://doi.org/10.1056/NEJMc051946).

Schermuly RT, Dony E, Ghofrani HA, Pullamsetti S, Savai R, Roth M, Sydykov A, Lai YJ, Weissmann N, **Seeger W**, Grimminger F. Reversal of experimental pulmonary hypertension by PDGF inhibition. *J Clin Invest* 2005; 115(10):2811-21 doi: [10.1172/JCI24838](https://doi.org/10.1172/JCI24838).

Spragg RG, Lewis JF, Walmrath HD, Johannigman J, Bellingan G, Laterre PF, Witte MC, Richards GA, Rippin G, Rathgeb F, Hafner D, Taut FJ, **Seeger W**. Effect of recombinant surfactant protein C-based surfactant on the acute respiratory distress syndrome. *N Engl J Med* 2004; 351(9):884-92. doi: [10.1056/NEJMoa033181](https://doi.org/10.1056/NEJMoa033181).

Olschewski H, Simonneau G, Galie N, Higenbottam T, Naeije R, Rubin LJ, Nikkho S, Speich R, Hoepfer MM, Behr J, Winkler J, Sitbon O, Popov W, Ghofrani HA, Manes A, Kiely DG, Ewert R, Meyer A, Corris PA, Delcroix M, Gomez-Sanchez M, Siedentop H, **Seeger W**. Inhaled iloprost for severe pulmonary hypertension. *N Engl J Med* 2002; 347(5):322-9. doi: [10.1056/NEJMoa020204](https://doi.org/10.1056/NEJMoa020204).

Ghofrani HA, Wiedemann R, Rose F, Schermuly RT, Olschewski H, Weissmann N, Gunther A, Walmrath D, **Seeger W**, Grimminger F. Sildenafil for treatment of lung fibrosis and pulmonary hypertension: a randomised controlled trial. *Lancet* 2002; 360(9337):895-900. doi: [10.1016/S0140-6736\(02\)11024-5](https://doi.org/10.1016/S0140-6736(02)11024-5).

Walmrath D, Schneider T, Pilch J, Grimminger F, **Seeger W**. Aerosolised prostacyclin in adult respiratory distress syndrome. *Lancet* 1993; 342(8877):961-2. doi: [10.1016/0140-6736\(93\)92004-d](https://doi.org/10.1016/0140-6736(93)92004-d).