

Curriculum Vitae

Grazyna Kwapiszewska Professor, Dr. hum. biol.

University Education

2018 - 2019 Open innovation in Science, LBG, Vienna, Austria
2015 Habilitation (Molecular Pathology) at the Medical University of Graz, Austria
2001 - 2005 PhD thesis (Suma Cum Laude) at the Department of Pathology, Justus Liebig University, Giessen, Germany
1996 - 2001 Master Degree in Department of Molecular Biology and Biotechnology at Adam Mickiewicz University, Poznan, Poland

Scientific Career

2025 - current PI in Excellent Cluster CPI
2021- 2026 Speaker of the doctoral school Resplmmun
2021- 2024 1st deputy chair of the Physiology Department, Medical University of Graz, Austria
2021- present W3 Professorship Institute for Lung Health (partial position), Giessen, Germany
2020- 2024 Endowed Professorship at the Department of Physiology, Medical University of Graz, Austria
2018 - present Steering committee member of Otto-Loewi-Research Centre, Graz, Austria
2017 - 2027 Director and Group Leader, Ludwig Boltzmann Institute for Lung Vascular Research, Graz, Austria
2016 - 2021 Associated faculty member of DK-MOLIN, Medical University of Graz, Austria
2016 - present Faculty member, PhD Program MolMed (Molecular Medicine), Medical University of Graz, Austria
2012 - present Tutor in PhD Programs, Medical University of Graz, Austria
2011 - 2017 Deputy Director and Group Leader, Ludwig Boltzmann Institute for Lung Vascular Research, Graz, Austria
2008 - 2010 Deputy Director, International Graduate Program MBML (Molecular Biology and Medicine of the Lung), Giessen, Germany
2008 - 2010 Faculty Member at the University of Giessen Lung Centre, Giessen, Germany
2005 - 2008 Teaching Associate, International Graduate Program MBML, Giessen, Germany
2005 - 2008 Post-Doctoral Trainee, University of Giessen Lung Centre, Giessen, Germany

Awards and Honors

2025 Achievement Reward PVRI
2018, 2021 Best reviewer award from ARJCMB
2016 Scientist of the year at the Medical University Graz
2009 Rene-Baumgart Foundation Research Award
2009, 2011 Poster Prize from German Society of Pathology and PH-DACH
2008 Junior Researcher/Investigator Travel Award (4th World Symposium on PH)
2007, 2006 Young scientist sponsorship for ERS Congress
2000, 2001 Polish Ministry of Education Scholarship

Citation Record

Total citations: 5693; h-index: 44 (Web of Science Feb 22th, 2026)

Top-10 selected Publications

Crnkovic S, Thekkekara Puthenparampil H, Mulch S, Biasin V, Radic N, Wilhelm J, Bartkuhn M, Bonyadi Rad E, Wawrzen A, Matzer I, Mitra A, Leib RD, Nagy BM, Sahu-Osen A, Valzano F, Bordag N, Evermann M, Hoetzenecker K, Olschewski A, Ljubojevic-Holzer S, Wygrecka M, Stenmark K, Marsh LM, de Jesus Perez V, Kwapiszewska G. Adventitial fibroblasts direct smooth muscle cell-state transition in pulmonary vascular disease. *Elife*. 2025 Apr 10;13:RP98558. doi: [10.7554/eLife.98558](https://doi.org/10.7554/eLife.98558).

Crnkovic S, Valzano F, Fließner E, Gindlhuber J, Thekkekara Puthenparampil H, Basil M, Morley MP, Katzen J, Gschwandtner E, Klepetko W, Cantu E, Wolinski H, Olschewski H, Lindenmann J, Zhao YY, Morrissey EE, Marsh LM, Kwapiszewska G. Single-cell transcriptomics reveals skewed cellular communication and phenotypic shift in pulmonary artery remodeling. *JCI Insight*. 2022 Oct 24;7(20):e153471. doi: [10.1172/jci.insight.153471](https://doi.org/10.1172/jci.insight.153471).

Jandl K, Marsh LM, Mutgan AC, Crnkovic S, Valzano F, Zabini D, Hoffmann J, Foris V, Gschwandtner E, Klepetko W, Prosch H, Flick H, Brcic L, Kern I, Heinemann A, Olschewski H, Kovacs G, Kwapiszewska G. Impairment of the NKT-STAT1-CXCL9-axis contributes to vessel fibrosis in pulmonary hypertension due to lung fibrosis, *Am J Respir Crit Care Med*. 2022 Jun 28. doi: [10.1164/rccm.202201-0142OC](https://doi.org/10.1164/rccm.202201-0142OC).

Birnhuber A, Jandl K, Biasin V, Fließner E, Valzano F, Marsh LM, Krolczik C, Olschewski A, Wilhelm J, Toller W, Heinemann A, Olschewski H, Wygrecka M, Kwapiszewska G. Pirfenidone exacerbates Th2-driven vasculopathy in a mouse model of SSc-ILD. *Eur Respir J*. 2022 Mar 24:2102347. doi: [10.1183/13993003.02347-2021](https://doi.org/10.1183/13993003.02347-2021)

Birnhuber A, Crnkovic S, Biasin V, Marsh LM, Odler B, Sahu-Osen A, Stacher-Priehse E, Brcic L, Schneider F, Cikes N, Ghanim B, Klepetko W, Graninger W, Allanore Y, Eferl R, Olschewski A, Olschewski H, Kwapiszewska G. IL-1 receptor blockade skews inflammation towards Th2 in a mouse model of systemic sclerosis. *Eur Respir J*. 2019 Sep 29;54(3). pii: 1900154. doi: [10.1183/13993003.00154-2019](https://doi.org/10.1183/13993003.00154-2019)

Crnkovic S, Egemnazarov B, Damico R, Marsh LM, Nagy BM, Douschan P, Atsina K, Kolb TM, Mathai SC, Hooper JE, Ghanim B, Klepetko W, Fruhwald F, Lassner D, Olschewski A, Olschewski H, Hassoun PM, Kwapiszewska G. Disconnect between Fibrotic Response and Right Ventricular Dysfunction. *Am J Respir Crit Care Med*. 2018 Dec 17. doi: [10.1164/rccm.201809-1737OC](https://doi.org/10.1164/rccm.201809-1737OC)

Kwapiszewska G, Gungl A, Wilhelm J, Marsh LM, Puthenparampil HT, Sinn K, Didiasova M, Klepetko W, Kosanovic D, Schermuly RT, Wujak L, Weiss B, Schaefer L, Schneider M, Kreuter M, Olschewski A, Seeger W, Olschewski H, Wygrecka M. Transcriptome profiling reveals the complexity of pirfenidone effects in IPF. *Eur Respir J*. 2018 Aug 30. pii: 1800564. doi: [10.1183/13993003.00564-2018](https://doi.org/10.1183/13993003.00564-2018)

Marsh LM, Jandl K, Grünig G, Foris V, Bashir M, Ghanim B, Klepetko W, Olschewski H, Olschewski A, Kwapiszewska G. The inflammatory cell landscape in the lungs of patients with idiopathic pulmonary arterial hypertension. *Eur Respir J*. 2018 Jan 25;51(1). doi: [10.1183/13993003.01214-2017](https://doi.org/10.1183/13993003.01214-2017)

Hoffmann J, Wilhelm J, Marsh LM, Ghanim B, Klepetko W, Kovacs G, Olschewski H, Olschewski A, Kwapiszewska G. Distinct differences in gene expression patterns in pulmonary arteries of COPD and IPF patients. *Am J Respir Crit Care Med*. 2014 Jul 1;190(1):98-111. doi: [10.1164/rccm.201401-0037OC](https://doi.org/10.1164/rccm.201401-0037OC)

Seimetz M, Parajuli N, Pichl A, Veit F, Kwapiszewska G, Weisel FC, Milger K, Egemnazarov B, Turowska A, Fuchs B, Nikam S, Roth M, Sydykov A, Medebach T, Klepetko W, Jaksch P, Dumitrascu R, Garn H, Voswinkel R, Kostin S, Seeger W, Schermuly RT, Grimminger F, Ghofrani HA, Weissmann N. Inducible NOS inhibition reverses tobacco-smoke-induced emphysema and pulmonary hypertension in mice. *Cell*. 2011 Oct 14;147(2):293-305. doi: [10.1016/j.cell.2011.08.035](https://doi.org/10.1016/j.cell.2011.08.035).