

Curriculum Vitae

Judith Maria Brock Dr. med.
d.o.b. November 14th, 1986, in Schwandorf, Germany

University Education

2013 Doctorate Medicine, Department for Psychosomatic Medicine,
University of Regensburg
2006-2012 Studies of Medicine, University of Regensburg

Scientific Career

Since 12/2023 Principal Investigator DZL
Since 2022 Member of the TLRC Steering Committee
Since 2021 Leader Research Area "Interventional Pulmonology"
Leader Doctoral Seminar "Pulmonology"
Leader Research Group "COPD/ELVR"
Since 2021 Senior Physician Thoraxklinik Heidelberg
2019-2021 Internship, Department of Pulmonology and Intensive Care Medicine,
Thoraxklinik Heidelberg
2013-2015 Research group "Obesity"
2013-2018 Internship, Department of Medicine (Endocrinology and Pulmonology),
University Hospital of Giessen

Awards and Honors

2024 DGP-Prize „Best abstract Interventional Pulmonology“
2006-2008 Scholarship „Studienstiftung des Deutschen Volkes“
2006 „Hochbegabtenprüfung“ (Studienförderung Art. 5 Bayerisches Eliteförderungsgesetz)

Citation Record

Total citations: 44; h-index: 2 (Science Direct, January 11th, 2024)

Top-10 selected Publications

Brock J, Zehetmayer S, Gompelmann D. Women in Interventional Pulmonology: Results from a Worldwide Survey. *Respiration*. 2023;102(8):613-620. doi: 10.1159/000531581. Epub 2023 Jul 28. PMID: 37517403.

Brock JM, Böhmker F, Schuster PU, Eberhardt R, Gompelmann D, Kontogianni K, Dittrich S, Benjamin N, Herth F. Endobronchial lung volume reduction with valves reduces exacerbations in severe emphysema patients. *Respir Med*. 2023 Nov;218:107399. doi: 10.1016/j.rmed.2023.107399. Epub 2023 Sep 4. PMID: 37673413.

Brock JM, Schuster PU, Böhmker F, Eberhardt R, Gompelmann D, Kontogianni K, Trudzinski F, Benjamin N, Herth F. Endobronchial Valve Replacements in Patients with Advanced Emphysema After Endoscopic Lung Volume Reduction. *Int J Chron Obstruct Pulmon Dis*. 2023 May 19;18:933-943. doi: 10.2147/COPD.S408674. PMID: 37229440; PMCID: PMC10204716.

Brock J, Schmid A, Karrasch T, Pfefferle P, Schlegel J, Busse I, Hauenschild A, Schmidt B, Koukou M, Arapogianni E, Schultz A, Thomalla M, Akinci S, Kruse J, Padberg W, Schäffler A, Albrecht J. Progranulin serum levels and gene expression in subcutaneous vs visceral adipose tissue of severely obese patients undergoing bariatric surgery. *Clin Endocrinol (Oxf)*. 2019 Sep;91(3):400-410. doi: 10.1111/cen.14040. Epub 2019 Jun 7. PMID: 31102282.

Brock J, Kontogianni K, Sciruba F, Criner G, Herth F. Utility of Rehabilitation prior to bronchoscopic lung volume reduction – post-hoc analysis of the VENT trial. *ERJ Open Res.* 2023 Oct; 00735-2023; DOI: 10.1183/23120541.00735-2023 (not pubmed listed yet)

Moslemi A, Kontogianni K, **Brock J**, Wood S, Herth F, Kirby M. Differentiating COPD and asthma using quantitative CT imaging and machine learning. *Eur Respir J.* 2022 Sep 22;60(3):2103078. doi: 10.1183/13993003.03078-2021. PMID: 35210316.

Polke M, Brugger J, Rötting M, Polke N, **Brock J**, Schuler S, Richter I, Eberhardt R, Herth FJF, Gompelmann D. Inhaled Steroids, Sex and Emphysema Index - Clinical Parameters with Impact on the Effectiveness of Valve Implantation in Patients with Severe Emphysema. *Int J Chron Obstruct Pulmon Dis.* 2022 Jun 20;17:1423-1430. doi: 10.2147/COPD.S361256. PMID: 35757524; PMCID: PMC9231414.

Ciaro A, Simon MM, Eberhardt R, **Brock JM**, Ritz A, Kim TS. Severe chronic obstructive pulmonary disease is associated with reduced oral health conditions. *Oral Dis.* 2023 Oct 4. doi: 10.1111/odi.14755. Epub ahead of print. PMID: 37794640.

Billeter AT, Zumkeller M, **Brock J**, Herth F, Zech U, Zeier M, Rupp C, Wagenlechner P, Mehrabi A, Müller-Stich BP. Obesity surgery in patients with end-stage organ failure: Is it worth it? *Surg Obes Relat Dis.* 2022 Apr;18(4):495-503. doi: 10.1016/j.soard.2021.11.012. Epub 2021 Nov 14. PMID: 34920966.

Saccomanno J, Hübner RH, Witzentrath M, Doellinger F, Dittrich AS, Kontogianni K, Herth F, **Brock JM**. Bronchoscopic Measurement of Collateral Ventilation: State of the Art. *Respiration.* 2023;102(4):296-307. doi: 10.1159/000528419. Epub 2023 Feb 2. PMID: 36731440.