

Curriculum vitae

Name: Stoleriu M. Gabriel / Privatdozent Dr. Dr. med. (PD MD PhD MHBA)

Education

- Medical Studies, Gr. T. Popa University of Medicine and Pharmacy, Iași, Romania (2004 - 2010), Erasmus Scholarship, Albert Ludwigs University, Freiburg, Germany (2007 - 2008)
- Doctoral Thesis, Eberhard Karls University, Tübingen (01.2011-10.2014)
- PhD Medical Research, Ludwig Maximilian University of Munich (LMU), Munich Medical Research School/ MMRS (10.2017-10.2020)
- Master of Health Business Administration (MHBA), Friedrich-Alexander University Erlangen-Nürnberg, Faculty of Business, Economics and Social Sciences (09.2022-11.2024)
- Habilitation ("Privatdozent") Ludwig Maximilian University of Munich (05.2024)

Clinical Experience

- Medical Resident: Thoracic, Cardiac, and Vascular Surgery Department, Eberhard Karls University Hospital Tübingen, Germany (12.2010-06.2016); Department of Thoracic Surgery, Asklepios Lung Clinic Gauting, Germany (06.2016-11.2022); Department of Thoracic Surgery, LMU Munich, Großhadern University Hospital, Germany (04.2021-07.2022); Specialist in Thoracic Surgery, Department of Thoracic Surgery, Asklepios Lung Clinic Gauting, Germany (11.2022-05.2025); Consultant in Thoracic Surgery (since 06.2025)
- Clinician Scientist CPC-M, Helmholtz Zentrum München (Full-time Research Fellowship 10.2017–01.2020, and part-time since 01.2020)
- Medical Director of the Biobank of the Asklepios Lung Clinic Gauting (since 07.2022)
- DZL Principal Investigator (since 06.2025), Helmholtz Zentrum München, Comprehensive Pulmonary Center Munich and CPC-M Bioarchive, German Center for Lung Research

Qualifications

- Basic + advanced course for Clinical Investigators (AMG and MPG), ATLS Course (Advanced Trauma Life Support), Experimental animal qualification (TierSchVersV, "Modul Versuchstierkunde")

Awards at scientific conferences

- Poster Prize (09.2022): 31st Annual Meeting of the German Society for Thoracic Surgery (DGT, Essen)/ Research Prize (05.2025): Best publication in the field of translational surgery and research with human tissue samples, 25th HTCR Symposium Munich/ Poster Prize (05.2025): 25th HTCR Symposium Munich/ Poster Prize (09.2025): 34th Annual Meeting of the German Society for Thoracic Surgery (DGT-DACH Bregenz)

Grants

- DZL Translational Fellowship Grant Helmholtz Zentrum München (10.2017); Translational Grant Comprehensive Pneumology Center Munich, Helmholtz Zentrum München (10.2019); Travel Research Grant University of Cambridge (12.2019); Research Grant Asklepios Proresearch Hamburg (06.2025); DZL Research Grant for clinical trials - TELEPREL Study (01.2026)

Top selected publications (since 2022)

Zimmermann J, Schön J, Pfeiffer V, Beutel TM, Felker A, Stacher-Priehse E, Damirov F, Reinmuth N, Hatz RA, Schneider CP, **Stoleriu MG** (2025): COPD Severity as an Independent Predictor of Long-Term Survival in Operable Lung Cancer. A Retrospective Analysis from a High-Volume Thoracic Surgery Center. In International journal of chronic obstructive pulmonary disease 20, pp. 3073–3091. DOI: 10.2147/COPD.S518084. **IPF 2.89**

Stoleriu, Mircea Gabriel; Pienn, Michael; Joerres, Rudolf A.; Alter, Peter; Fero, Tamas; Urschler, Martin; Kovacs, Gabor; Olschewski, Horst; Kauczor, Hans-Ulrich; Wielpütz, Mark; Jobst, Bertram; Welte, Tobias; Behr, Jürgen; Trudzinski, Franziska C.; Bals, Robert; Watz, Henrik; Vogelmeier, Claus F.; Biederer, Jürgen; Kahnert, Kathrin (2024): Expiratory Venous Volume and Arterial Tortuosity are Associated with Disease Severity and Mortality Risk in Patients with COPD. Results from COSYCONET. International journal of chronic obstructive pulmonary disease 19, pp. 1515–1529. doi.10.2147/COPD.S458905. **IPF 2.89**

Damirov*, Fuad; **Stoleriu***, **Mircea Gabriel**; Manapov, Farkhad; Boedeker, Enole; Dreher, Sascha; Gerz, Sibylle; Hehr, Thomas; Sandner, Evelin; Ott, German; Hatz, Rudolf; Preissler, Gerhard (2024): Perioperative Predictive Factors for Tumor Regression and Survival in Non-Small Cell Lung Cancer Patients Undergoing Neoadjuvant Treatment and Lung Resection. Cancers 16 (16). doi.10.3390/cancers16162885. **IPF 4.5**

Mircea Gabriel Stoleriu, Meshal Ansari, Max Strunz, Andrea C Schamberger, Motaharehsadat Heydarian, Yaobo Ding, Carola Voss, Juliane J Schneider, Michael Gerckens, Gerald Burgstaller, Alejandra Castelblanco, Teresa Kauke, Jan Fertmann, Christian Schneider, Jürgen Behr, Michael Lindner, Elvira Stacher-Priehse, Martin Irmeler, Johannes Beckers, Oliver Eickelberg, Benjamin Schubert, Stefanie M Hauck, Otmar Schmid, Rudolf Hatz, Tobias Stoeger, Herbert Schiller, Anne Hilgendorff. “COPD basal cells are primed towards secretory to multi-ciliated cell imbalance driving increased resilience to environmental stressors.” Thorax (2024); 79(6):524-537. doi.10.1136/thorax-2022-219958. **IPF 10.0**

Damirov, Fuad*, **Mircea Gabriel Stoleriu***, Farkhad Manapov, Karen Büsing, Julia D. Michels, Gerhard Preissler, Rudolf A. Hatz, Peter Hohenberger, and Eric D. Roessner. “Histology of the Primary Tumor Correlates with False Positivity of Integrated 18F-FDG-PET/CT Lymph Node Staging in Resectable Lung Cancer Patients.” Diagnostics (Basel, Switzerland) 13, no. 11 (2023). doi.org/10.3390/diagnostics13111893. **IPF 3.99**

Stoleriu, Mircea Gabriel, Michael Gerckens, Julia Zimmermann, Johannes Schön, Fuad Damirov, Nicole Sann, Julia Kovács, Elvira Stacher-Priehse, Christina Kellerer, Rudolf Jörres, Teresa Kauke, Christian Ketscher, Uwe Grützner, Rudolf Hatz. “Preoperative Risk Factors Predict Perioperative Allogenic Blood Transfusion in Patients Undergoing Primary Lung Cancer Resections: a Retrospective Cohort Study from a High-Volume Thoracic Surgery Center.” BMC surgery(2023):doi.org/10.1186/s12893-023-01924-9. **IPF 2.03**

Stoleriu, Mircea Gabriel, Georgios Stathopoulos, Elvira Stacher-Priehse, Christian Ketscher, we Grützner, Jan Fertmann, Christian Schneider, Rudolf Hatz, Nicole Strobl, and Gerhard Preissler. “Predicting Long-Term Survival After Lung Metastasectomy in Patients with Malignant Germ-Cell Tumors.” Anticancer research 42, no. 9 (2022): 4517–27. doi.org/10.21873/anticancer.15954. **IPF 2.0**

Fischer, Adrian; Han, Wei; Hu, Shaoping; Mück-Häusl, Martin; Wannemacher, Juliane; Kadri, Safwen; Lin, Yue; Dai, Ruoxuan; Christ, Simon; Su, Yiqun; Dasgupta, Bikram; Sardogan, Aydan; Deisenhofer, Christoph; Dutta, Subhasree; Kadri, Amal; Güney, Tankut Gökhan; Correa-Gallegos, Donovan; Mayr, Christoph H.; Hatz, Rudolf; **Stoleriu, Mircea Gabriel**; Lindner, Michael; Hilgendorff, Anne; Adler, Heiko; Machens, Hans-Günther; Schiller, Herbert B.; Hauck, Stefanie M.; Rinkevich, Yuval (2025): Targeting pleuro-alveolar

junctions reverses lung fibrosis in mice. *Nature communications* 16 (1), p. 173. doi.10.1038/s41467-024-55596-x. **IPF 14.9**

Kepesidis, Kosmas V.; **Stoleriu, Mircea-Gabriel**; Feiler, Nico; Gigou, Lea; Fleischmann, Frank; Aschauer, Jacqueline; Eiselen, Sabine; Koch, Ina; Reinmuth, Niels; Tufman, Amanda; Behr, Jürgen; Žigman, Mihaela (2025): Assessing lung cancer progression and survival with infrared spectroscopy of blood serum. *BMC medicine* 23 (1), p. 101. doi.10.1186/s12916-025-03924-3. **IPF 7.0**

Chen, Jie, Xinyuan Wang, Adrian Schmalen, Sophia Haines, Martin Wolff, Huan Ma, Huabin Zhang, **Mircea Gabriel Stoleriu**, Johannes Nowak, Misako Nakayama, Marta Bueno, Judith Brands, Ana L. Mora, Janet S. Lee, Susanne Krauss-Etschmann, Anna Dmitrieva, Marion Frankenberger, Thomas Hofer, Elfriede Noessner, Andreas Moosmann, Jürgen Behr, Katrin Milger, Cornelia A. Deeg, Claudia A. Staab-Weijnitz, Stefanie M. Hauck, Heiko Adler, Torsten Goldmann, Karoline I. Gaede, Jochen Behrends, Ilona E. Kammerl, and Silke Meiners. "Antiviral CD8+ T-Cell Immune Responses Are Impaired by Cigarette Smoke and in COPD." *The European respiratory journal* 62, no. 2 (2023). doi.org/10.1183/13993003.01374-2022. **IPF 24.3**

Lang, Niklas J., Janine Gote-Schniering, Diana Porras-Gonzalez, Lin Yang, Laurens J. de Sadeleer, R. C. Jentzsch, Vladimir A. Shitov, Shuhong Zhou, Meshal Ansari, Ahmed Agami, Christoph H. Mayr, Baharak Hooshar Kashani, Yuexin Chen, Lukas Heumos, Jeanine C. Pestoni, Eszter S. Molnar, Emiel Geeraerts, 7. Vincent Anquetil, Laurent Saniere, Melanie Wögrath, Michael Gerckens, Mareike Lehmann, Ali Ö. Yildirim, Rudolf Hatz, Nikolaus Kneidinger, Jürgen Behr, Wim A. Wuyts, **Mircea-Gabriel Stoleriu**, Malte D. Luecken, Fabian J. Theis, Gerald Burgstaller, and Herbert B. Schiller. "Ex Vivo Tissue Perturbations Coupled to Single-Cell RNA-Seq Reveal Multilineage Cell Circuit Dynamics in Human Lung Fibrogenesis." *Science translational medicine* 15, no. 725 (2023): eadh0908. doi.org/10.1126/scitranslmed.adh0908. **IPF 17.1**

Ambike, Shubhankar, Cho-Chin Cheng, Martin Feuerherd, Stoyan Velkov, Domizia Baldassi, Suliman Q. Afridi, Diana Porras-Gonzalez, Xin Wei, Philipp Hagen, Nikolaus Kneidinger, **Mircea Gabriel Stoleriu**, Vincent Grass, Gerald Burgstaller, Andreas Pichlmair, Olivia M. Merkel, Chunkyu Ko, and Thomas Michler. "Targeting Genomic SARS-CoV-2 RNA with siRNAs Allows Efficient Inhibition of Viral Replication and Spread." *Nucleic acids research* 50, no. 1 (2022): 333–49. doi.org/10.1093/nar/gkab1248. **IPF 14.9**

Baldassi, Domizia, Shubhankar Ambike, Martin Feuerherd, Cho-Chin Cheng, David Peeler, Daniel Feldmann, Diana Porras-Gonzalez, Xin Wei, Lea Keller, Nikolaus Kneidinger, **Mircea Gabriel Stoleriu**, Andreas Popp, Gerald Burgstaller, Suzie Pun, Thomas Michler, and Olivia Merkel. "Inhibition of SARS-CoV-2 Replication in the Lung with siRNA/VIPER Polyplexes." *Journal of controlled release: official journal of the Controlled Release Society* 345 (2022): 661–74. doi.org/10.1016/j.jconrel.2022.03.051. **IPF 11.47**

Zimmermann, Christoph M., Domizia Baldassi, Karen Chan, Nathan B. P. Adams, Alina Neumann, Diana L. Porras-Gonzalez, Xin Wei, Nikolaus Kneidinger, **Mircea Gabriel Stoleriu**, Gerald Burgstaller, Dominik Witzigmann, Paola Luciani, and Olivia M. Merkel. "Spray Drying siRNA-Lipid Nanoparticles for Dry Powder Pulmonary Delivery." *Journal of controlled release: official journal of the Controlled Release Society* 351 (2022): 137–50. doi.org/10.1016/j.jconrel.2022.09.021. **IPF 11.47**