

Curriculum Vitae

Katharina Abbasi Dezfouli PD, Dr. med.
d.o.b. September 14th, 1985, in Hanau, Germany

University Education

2018 Habilitation Radiology, LMU
2014 Doctorate Medicine, LMU
2005–2012 Studies of Medicine, Ludwig-Maximilians University (LMU) Munich

Scientific Career

Since 2022 Member of the doctoral committee of the medical faculty of the University of Heidelberg
Since 2020 Principal Investigator at DZL (German Center for Lung Research)
Since 2020 Associate professor at University Hospital Heidelberg
Since 2019 Attending at the Department of Diagnostic and Interventional Radiology, University Hospital Heidelberg
2019 Radiology consultant at the Department of Diagnostic and Interventional Radiology, University Hospital Heidelberg
2012-2018 Residency at the Department of Radiology, University Hospital, LMU Munich

Awards and Honors

2022 Scholarship “Kurzzeitstipendium für Medizinerinnen nach dem Gleichstellungskonzept der Medizinischen Fakultät Heidelberg”
2017 CPC-M (DZL München) Translational Program
2009 + 2010 Scholarships “Studienaufenthalte für Abschlussarbeiten deutscher Studierender“, German Academic Exchange Service (DAAD)

Top-10 selected Publications

- 1) Giannakis, A., Mór , D., Erdmann, S., Kintzel , L., Fischer, R. M., Vogel, M. N., Mangold, D. L., von Stackelberg, O., Schnitzler, P., Zimmermann, S., Heussel, C. P., Kauczor, H. U., & Hellbach, K. (2021). COVID-19 pneumonia and its lookalikes: How radiologists perform in differentiating atypical pneumonias. *European journal of radiology*, 144, 110002.
- 2) Umkehrer, S., Morrone, C., Dinkel, J., Aigner, L., Reiser, M. F., Herzen, J., Yildirim, A.  ., Pfeiffer, F., & Hellbach, K. (2020). A proof-of-principal study using phase-contrast imaging for the detection of large airway pathologies after lung transplantation. *Scientific reports*, 10(1), 18444.
- 3) Hauke C, Bartl P, Leghissa M, Ritschl L, Sutter SM, Weber T, Zeidler J, Freudenberger J, Mertelmeier T, Radicke M, Michel T, Anton G, Meinel FG, Baehr A, Auweter S, Bondesson D, Gaass T, Dinkel J, Reiser M, Hellbach K. A preclinical Talbot-Lau prototype for x-ray dark-field imaging of human-sized objects. *Med Phys*. 2018 Jun;45(6):2565-2571.
- 4) **Hellbach K**, B hr A, De Marco F, Willer K, Gromann LB, Herzen J, Dmochewicz M, Auweter S, Fingerle AA, No l PB, Rummeny EJ, Yaroshenko A, Maack I, Pralow T, van der Heijden H, Wieberneit N, Proksa R, Koehler T, Rindt K, Schroeter TJ, Mohr J, Bamberg F, Ertl-Wagner B, Pfeiffer F, Reiser MF: Depiction of pneumothoraces in a large animal model using x-ray dark-field radiography. *Sci Rep*. 2018 Feb 8;8(1):2602.
- 5) **Hellbach K**, Beller E, Schindler A, Schoeppe F, Hesse N, Baumann A, Schinner R, Auweter S, Hauke Ch, Radicke M, Meinel FG: Improved detection of foreign bodies on radiographs using X-ray dark-field and phase-contrast imaging. *Invest Radiol*. 2018 Jun;53(6):352-356.

- 6) **Hellbach K**, Meinel FG, Conlon TM, Willer K, Yaroshenko A, Velroyen A, Braunagel M, Auweter S, Reiser MF, Eickelberg O, Pfeiffer F, Yildirim AÖ: X-ray dark-field imaging to monitor the development of acute lung inflammation in Mice. *Sci Rep.* 2017 Jul 6;7(1):4807.
- 7) **Hellbach K**, Yaroshenko A, Willer K, Conlon TM, Braunagel MB, Auweter S, Yildirim AÖ, Eickelberg O, Pfeiffer F, Reiser MF, Meinel FG: X-ray dark-field radiography facilitates the diagnosis of pulmonary fibrosis in a mouse model. *Sci Rep.* 2017 Mar 23;7(1):340.
- 8) **Hellbach K**, Sterzik A, Sommer W, Karpitschka M, Hummel N, Casuscelli J, Ingrisich M, Schlemmer M, Graser A, Staehler M: Dual energy CT allows for improved characterization of response to antiangiogenic treatment in patients with metastatic renal cell cancer. *Eur Radiol.* 2017 Jun;27(6):2532-2537.
- 9) **Hellbach K**, Yaroshenko A, Willer K, Pritzke T, Baumann A, Hesse N, Auweter S, Reiser MF, Eickelberg O, Pfeiffer F, Hilgendorff A, Meinel FG: Facilitated Diagnosis of Pneumothoraces in Newborn Mice Using X-ray Dark-Field Radiography. *Invest Radiol.* 2016 Oct;51(10):597-601.
- 10) **Hellbach K**, Yaroshenko A, Meinel FG, Yildirim AÖ, Conlon TM, Bech M, Mueller M, Velroyen A, Notohamiprodjo M, Bamberg F, Auweter S, Reiser M, Eickelberg O, Pfeiffer F: In Vivo Dark-Field Radiography for Early Diagnosis and Staging of Pulmonary Emphysema. *Invest Radiol.* 2015 Jul;50(7):430-5.