

Curriculum Vitae

Dr. med. Ralf Erkens

born in Trier, Germany

present position and
address

Attending
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EDUCATION AND TRAINING

2007 - 2013	Medical Schools Halle (Saale), Göttingen and Zürich
2013 - 2019	Residency, Division of Cardiology, Pulmonology and Vascular Medicine, University Hospital Düsseldorf, Germany
2014 – 2015	Postdoctoral fellow (GEROK), Cardiovascular Research Laboratory, Heinrich-Heine University Duesseldorf
2017	Board Certification Emergency Medicine
2018	Board Certification Chief Emergency Medicine
2019	Board Certification Internal Medicine & Cardiology
2020	Heart Failure Specialist, Interventional Cardiologist (DGK)
2020	Board Certification Intensive Care Medicine

FELLOWSHIPS, GRANTS AND AWARDS

2014,2018	European Society of Cardiology Educational Grant, ESC Travel Grand
2018 2018 – 2020	European Society of Cardiology, Best Poster Price Senior Clinician Scientist, Medical Faculty, Heinrich-Heine-University Düsseldorf
2020	Fellow of the Christiane and Claudia Hempel Foundation

MAJOR PUBLICATIONS

Erkens R, Totzeck M, Brum A, Duse D, Bøtker HE, Rassaf T and Kelm M. **Endothelium-dependent remote signaling in ischemia and reperfusion: alterations in the cardiometabolic continuum.** Free Radic Bio Med 2021.165:265-281

Erkens R, Wernly B, Masyuk M, Muessig J, Franz M, Schulze PC, Lichtenauer M, Kelm M and Jung C. **Admission body temperature in critical ill patients as an independent risk predictor for overall outcome.** Med Princ Pract. 2020;29(4):389-395

Erkens R*, Suvorava T*, Sutton T, Fernandez B, Mikus-Lelinska M, Barbarino F, Flögel U, Kelm M, Feelisch M, Cortese-Krott M; **Nrf2 Deficiency Unmasks the Significance of Nitric Oxide Synthase Activity for Cardioprotection.** Oxid Med Cell Longev, 2018. 2018: p. 8309698

Erkens R, Suvorava T, Kramer CM, Diederich L, Kelm M, Cortese-Krott MM. **Modulation of local and systemic heterocellular communication by mechanical forces: a role of eNOS,** Antioxid Redox Signal. 2017 Jun 1;26(16):917-935

Erkens R, Kramer CM, Lückstädt W, Panknin C, Krause L, Weidenbach M, Dirzka J, Krenz T, Mergia E, Suvorava T, Kelm M, Cortese-Krott MM. **Left ventricular diastolic dysfunction in Nrf2 knock out mice is associated with cardiac hypertrophy, decreased expression of SERCA 2a and preserved endothelial function.** Free Radic Biol Med 2015. 89:906-917f

MAJOR RESEARCH INTEREST

- Interventional cardiology: coronary flow alterations for ischemia and reperfusion injury, structural heart disease
- Cardiovascular alterations in the cardiometabolic continuum for ischemia and reperfusion injury
- Intensive care medicine