

Department of Anesthesiology

School of Medicine

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Basic Research

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- Jost Klawitter Lab
- Peters Lab
- Quillinan Lab
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- Neuronal Injury Program
- iC42

Clinical Research

Research Leadership & Administration

Christians Lab



[Uwe Christians MD, PhD](#)

Primary Appointment, Professor, Anesthesiology
 Secondary Appointment, Professor, Pathology
 Professor (apl.) für Experimentelle und Klinische Pharmakologie und Toxikologie, Medizinische Hochschule Hannover, Hannover, Germany

Education

- MD (highest honors, "summa cum laude"), Medizinische Hochschule Hannover, Hannover, Germany
- PhD ("Habilitation"), Experimentelle und Klinische Pharmakologie und Toxikologie, Medizinische Hochschule Hannover, Hannover, Germany
- Post-Doctoral Fellowships:
 - Biopharmaceutical Sciences (Dr. L. Z. Benet), University of California, San Francisco
 - Cardiothoracic Surgery and Transplant Immunology (Dr. R. E. Morris), Stanford University Medical School
- Residencies and Board Certifications:
 - Facharzt für Pharmakologie und Toxikologie, Medizinische Hochschule Hannover, Hannover, Germany
 - Facharzt für Klinische Pharmakologie, Medizinische Hochschule Hannover, Hannover, Germany
 - American Board of Clinical Pharmacology

Contact Information

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Research Interests

My research interests include pharmacokinetic and pharmacodynamic therapeutic drug monitoring, clinical biochemistry, biochemical toxicology, and drug metabolism.

Research Description

My research has focused on the interactions between energy metabolism, mitochondrial metabolism and the mTOR pathway. This includes the toxicodynamic interactions between calcineurin and mTOR pathway inhibitors, ageing, metabolic diseases, oxidative stress, ischemia/reperfusion injury and drug-coated coronary stents and balloons.

Publications

[Click here for Dr. Uwe Christians' publications on NCBI](#)

Department of Anesthesiology

Anesthesiology (SOM)

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 Leprino Building
 12401 East 17th Avenue
 7th Floor
 Aurora, CO 80045

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