



Institute for Lung Biology and Disease/HMGU :: Ingolstädter Landstrasse 1 :: 85764 Neuherberg :: Germany

01.07.2020

MASTERARBEIT: Cell death and immunity in the lung disease COPD

Masterarbeit in der experimentellen Pneumologie am Helmholtz Zentrum München
Pneumologie - Ferroptosis – 3D Zell- und Gewebekultur – Translationale Forschung

- **Zeitpunkt:** ab sofort (01.07.2020)
- **Dauer:** mind. 6 Monate, präferentiell 9 Monate inklusive Praktikum A+B
- **Bezahlung:** Minijob (450 Euro pro Monat) / geringfügige Beschäftigung
- **Standort:** Helmholtz Zentrum München / **Neuherberg**
- **Voraussetzungen:**
 - Starkes Interesse an experimenteller Grundlagenforschung und translationaler Forschung
 - Studium der Biologie, Biochemie, Humanbiologie, Pharmazie, oder eines verwandten Studienganges
 - Zuverlässige, analytische und strukturierte Arbeitsweise
 - Schnelle Auffassungsgabe und hohe Motivation

Project: Chronic obstructive pulmonary disease (COPD) is an inflammatory lung disease characterized by chronic bronchitis and tissue destruction (emphysema) leading to impaired gaseous exchange and ultimately death – COPD is currently the third leading cause of death worldwide, with no current therapies able to reverse disease progression.



You will be able to investigate a quite **newly described type of cell death**, called **ferroptosis** in the context of COPD!



You will work in the lab using **interesting techniques** (Westernblot, qPCR, FACS, cell culture and Immunohistochemistry)!



You will **be perfectly guided by your direct supervisor** (Postdoc)!

Kontakt: Dr. Ali-Önder Yildirim :: phone: +49-89-3187-4037 :: mail: ouender.yildirim@helmholtz-muenchen.de :: web: www.cpc-munich.org :: Comprehensive Pneumology Center (CPC) :: German Center for Lung Research (DZL) :: Ingolstaedter Landstr. 1 :: D-85764 Neuherberg