



Der Vorsitzende des Promotionsausschusses

EINLADUNG

Hiermit lade ich ein zum öffentlichen Promotionskolloquium von

Frau Apothekerin Christiane Dings

Klinische Pharmazie
(Prof. Dr. Thorsten Lehr)

am

Donnerstag, 6. Februar 2025, 14:00 Uhr s.t.

per Videokonferenz; Link für MS Teams: <http://bit.ly/40ffTGY>
Raum für die Prüfung: Gebäude C4.3, Kleiner Hörsaal II (Raum 0.03), EG.

Thema der Dissertation:

Modelling the impact of (non-)pharmaceutical interventions during COVID-19

During the onset of the COVID-19 pandemic, both pharmaceutical and nonpharmaceutical interventions were urgently required to reduce disease spreading. However, assessing their impact proved challenging due to the high number of confounding factors and variability in individual disease course. Here, epidemiological and pharmacometric modeling offers valuable means to simultaneously investigate multifactorial processes. In this thesis, non-linear mixed-effects (NLME) modelling was employed to gain insights into the COVID-19 pandemic in Germany and into individual viral load time courses. Hereby, this thesis demonstrates how NLME modelling can effectively address complex processes by offering valuable insights into the factors impacting the dynamics at both individual and population levels.

Saarbrücken, 23. Januar 2025

Prof. Dr. Uli Kazmaier