



The doctoral programme Clinical Pharmacy is an interdisciplinary institution at the university hospital of LMU Munich. Research projects of this programme intend to improve safety in drug therapy and aim to increase patient safety for various medical conditions.

**We are currently looking for a suitable**

## **Doctoral candidate (TV-L 13 65%)**

**to study the effect of cardiopulmonary bypass on pharmacokinetics of drugs**

Cardiopulmonary bypass during cardiac surgery affects the pharmacokinetics of several drugs. The aim of the project is to investigate if this procedure affects the serum levels of drugs used to treat heart failure and their physiological effects. The project contains the establishment of the drug serum measurements using LC-MS/MS, sample collection in the clinic, measurements of serum biomarkers using standard biomedical techniques as well as cell and tissue culture experiments. The doctoral student will be working in close collaboration with clinicians at the university hospital of Munich as well as researchers at the LMU.

We are looking for a highly enthusiastic and motivated candidate, who has a strong interest towards experimental clinical and pharmaceutical research.

**We also expect:**

- A (Master's) degree in Pharmacy, Pharmaceutical Science or equivalent.
- Excellent communication and team-working skills.
- Proficiency in German (minimum requirement CEFR-C1) and English.
- Active participation in doctoral networks on the campus as well as in scientific seminars and workshops.

**We offer:**

- Employment as a research associate: TV-L 13 (65%), fixed-term contract.
- An excellent research environment with clinical cooperation's.
- Courses for key skills in scientific research and clinical pharmacy.

**Application deadline: March 17th, 2019**

Applications (in English or German) can only be submitted through our online application tool: <https://www.portal.graduatecenter.uni-muenchen.de/gc-application/clinical-pharmacy>

Required documents: CV, letter of motivation, certificate of degree, contact details for a reference.

For further information about the doctoral programme Clinical Pharmacy, visit

<https://www.promo-klinische-pharmazie.med.uni-muenchen.de/index.html>

Schwerbehinderte Bewerber/innen werden bei ansonsten im Wesentlichen gleicher Eignung bevorzugt. Vorstellungskosten können leider nicht erstattet werden.