



# Wahlpflichtfach WS 2018/19 bis SoSe 2019

## Abt. Klinische Pharmazie & Biochemie

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### LITERATURE RESEARCH:

### RENAL REPLACEMENT THERAPY IN PATIENTS AND HOW TO ADAPT DRUG DOSING [PIP-RRT]

#### Beschreibung/Aufgaben

Renal replacement therapies are used to filter the blood of patients facing renal failure due to an acute kidney injury or chronic kidney diseases. In the clinic various types of renal replacement therapies are used and they all effect the elimination processes of drugs given to the patients. The magnitude of this effect is depending on the type of renal replacement therapy, the extend of the renal impairment and the given drug.

#### Lernziele/Methoden:

- Independent literature research on the different types of renal replacement therapies and its effect on drug clearance
- Detailed assessment of the effect on two drugs and the needed dosing adaptations
- Summarising of the literature research in a report and presentation of the results

Beginn: begin as per agreement

**Voraussetzungen:** Interest in clinically relevant questions of dosing optimisation, Scientific reading and writing skills

**2 Studierende** (Studierende des 7. und 8. Semesters werden bevorzugt)

**Anmeldung:** Bis 30.11.2018 per E-Mail bei Frau Prof. Dr. Charlotte Kloft ([charlotte.kloft@fu-berlin.de](mailto:charlotte.kloft@fu-berlin.de), CC an [ingo.siebenbrodt@fu-berlin.de](mailto:ingo.siebenbrodt@fu-berlin.de)) mit kurzer Bewerbung einschl. Darlegung der Motivation für das Wahlpflichtthema: **PIP-RRT**

Datum: 2018-11-06

gez. Prof. Dr. Ch. Kloft