



Wahlpflichtfach SoSe 2021 bis WiSe 2021/22

Abt. Klinische Pharmazie & Biochemie

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LITERATUR RESEARCH: PHARMACOKINETIC/PHARMACODYNAMIC OF ANTI-TNF (FOCUS ON INFLIXIMAB) IN INFLAMMATORY BOWEL DISEASES [**ANTI-TNF**]

Beschreibung, Aufgaben/Description, tasks:

Therapeutic monoclonal antibodies (mAbs) against the cytokine TNF α are a standard treatment for patients with moderate to severe inflammatory bowel diseases (IBD). The understanding of the pharmacokinetic/pharmacodynamic (PK/PD) relationship of those compounds is essential to adapt the dosing regimen to the patients and optimise therapy.

Your task is to perform a detailed literature research of PK/PD studies of anti-TNF α mAbs with a focus on infliximab (Remicade) and to compare different PD outcomes in order to understand their differences and determine their advantages or disadvantages.

Lernziele, Methoden/Learning objectives:

- Research of available literature (searching medical databases, e.g., PubMed)
- Critical review of the literature
- Summary of the results (with the references) and presentation (in English)

Voraussetzungen/Requirements:

Interest in science and scientific literature research, pharmacokinetics and pharmacodynamic, monoclonal antibodies and inflammatory diseases.

Beginn/Start	as per agreement
1 Studierende/students	Studierende ab dem 5. Semester (Studierende des 7. und 8. Semesters werden bevorzugt) / Students from the 5 th semester/Students in the 7 th or 8 th semester
Anmeldung/Registration	Ab sofort bis spätestens 24.05.2021 per E-Mail an / Until 24.05.2021 by e-mail to Prof. Dr. Kloft (charlotte.kloft@fu-berlin.de und CC an ingo.siebenbrodt@fu-berlin.de) mit kurzer Bewerbung einschl. Darlegung der Motivation für das Wahlpflichtfachthema: Anti-TNF / with a short application present a motivation for the topic and include the subject: Anti-TNF