

General Pharmacology, Toxicology

Courses

in the first clinical year: four week course (lecture and seminar), ONLY in january/february, introduction course one week before start of the course with enrolment!

Lecture: 40 hours (compulsory attendance! Will be checked 4 times with a list of signatures), 2 hours every morning (daily)

Seminar: 16 hours, once a week in the afternoon,
Every student has to give a presentation, no authorised absence!

Responsible person: Prof. Vierling, wolfgang.vierling@lrz.tum.de

Content

Lecture-topics:

- General Pharmacology
- Pharmacokinetics, Pharmacogenetics
- Parasympathetic Nervous System
- Anesthesia, Muscle Relaxants
- Sympathetic Nervous System I and II
- Stomach / Intestine
- Opiates
- Addiction
- Antipsychotics (Neuroleptics)
- Parkinson Disease/ Epilepsy
- Diabetes Mellitus
- Calcium Metabolism / Thyroid
- Sex hormones
- Antibiotics I and II
- Anti-Viral Medication / Antimycotics
- Antituberculotics / Anti-Malaria Drugs
- Immunosuppressants
- Chemotherapeutics

Seminar-topics:

- Glucocorticoids, NSAID, Coxibes, TNF α
- Antidepressants, Sedatives, Alzheimer's Disease
- Coronary Heart Disease: Statins, Coagulation, Nitrates, Beta-Blockers
- Circulation: Diuretics, ACE Inhibitors, Calcium Channel Blocker, Heart Insufficiency, BNP

exam

At the end of the four week course, 50 multiple-choice questions