



Seminar

**Univ.-Prof. Dipl.-Ing. Dr. Andrea Berghold, ao.Univ.-Prof. Mag. Dr. Dr. Michael G. Schimek, MPhil, ao.Univ.-Prof. Dipl.-Ing. Dr. Josef Haas,
Wintersemester 2019/2020**

Fundamentals of scientific research and general skills II 0790.013

Seminar, 2-stündig

Ort: LKH Eingangsgebäude oder neuer Med. Campus

Gruppe Prof. Berghold

Date	Time	Room	Lecturer
21.10.2019	15:00 – 18:00	MC1.D.01.007 Seminarraum MC 04	Univ.-Prof. DI Dr. A. Berghold
04.11.2019	15:00 – 18:00	SR KW.32	Univ.-Prof. DI Dr. A. Berghold
18.11.2019	15:00 – 18:00	MC1.D.01.007 Seminarraum MC 04	Univ.-Prof. DI Dr. A. Berghold
25.11.2019	15:00 – 18:00	SR KW.31	Univ.-Prof. DI Dr. A. Berghold
02.12.2019	15:00 – 18:00	SR KW.32	Univ.-Prof. DI Dr. A. Berghold
08.01.2020	16:30 – 19:30	SR KW.32	Univ.-Prof. DI Dr. A. Berghold
15.01.2020	15:00 – 18:00	MC1.D.01.007 Seminarraum MC 04	Univ.-Prof. DI Dr. A. Berghold
20.01.2020	15:00 – 18:00	SR KW.32	Univ.-Prof. DI Dr. A. Berghold
27.01.2020	15:00 – 18:00, Exam	MC1.D.01.007 Seminarraum MC 04	Univ.-Prof. DI Dr. A. Berghold

Gruppe Prof. Haas

Date	Time	Room	Lecturer
12.11.2019	15:30 – 18:30	SZ KW.21A	Univ.-Prof. DI Dr. J. Haas
19.11.2019	15:30 – 18:30	SZ KW.21A	Univ.-Prof. DI Dr. J. Haas
26.11.2019	15:30 – 18:30	SZ KW.21A	Univ.-Prof. DI Dr. J. Haas
03.12.2019	15:30 – 18:30	SZ KW.21A	Univ.-Prof. DI Dr. J. Haas
10.12.2019	15:30 – 18:30	SZ KW.21A	Univ.-Prof. DI Dr. J. Haas
07.01.2020	15:30 – 18:30	SZ KW.21A	Univ.-Prof. DI Dr. J. Haas
14.01.2020	15:30 – 18:30	SZ KW.31A	Univ.-Prof. DI Dr. J. Haas
21.01.2020	15:30 – 18:30	SZ KW.21A	Univ.-Prof. DI Dr. J. Haas
28.01.2020	15:30 – 18:30	SZ KW.21A	Univ.-Prof. DI Dr. J. Haas

Gruppe Prof. Schimek

Date	Time	Room	Lecturer
07.11.2019	16:30 – 19:30	SR KW.31	Univ.-Prof. Mag. Dr.Dr. M.G. Schimek
13.11.2019	16:00 – 19:00	MC1.D.01.007 Seminarraum MC 04	Univ.-Prof. Mag. Dr.Dr. M.G. Schimek
21.11.2019	15:00 – 18:00	SR KW.31	Univ.-Prof. Mag. Dr.Dr. M.G. Schimek
28.11.2019	16:00 – 19:00	MC1.D.01.007 Seminarraum MC 04	Univ.-Prof. Mag. Dr.Dr. M.G. Schimek
05.12.2019	16:00 – 19:00	MC1.D.01.007 Seminarraum MC 04	Univ.-Prof. Mag. Dr.Dr. M.G. Schimek
12.12.2019	15:00 – 18:00	SR KW.31	Univ.-Prof. Mag. Dr.Dr. M.G. Schimek
16.01.2020	16:30 – 19:30	SR KW.31	Univ.-Prof. Mag. Dr.Dr. M.G. Schimek
23.01.2020	16:30 – 19:30	SR KW.31	Univ.-Prof. Mag. Dr.Dr. M.G. Schimek

ENROLMENT REQUIRED:
via Medonline

Objective:

An introduction to evidence based medicine and a demonstration of the important role of biostatistics in medical research. Students should be able to assess the validity of a study.

Content:

Evidence medicine and biostatistics: Clinical and epidemiological studies are important tools for systematic research in medicine. Their results are used in evidence based medicine.

For a critical appraisal of the evidence found by these studies, it is necessary to understand the basic principles of planning of clinical and epidemiological studies. Important aspects of different study designs, the principle of randomization, some basic methods of data analysis and the presentation of the results are discussed. Reasons for frequently made mistakes are considered. The ability to assess the validity of studies of current interest is exercised.

Teaching and learning method:

Lectures using PC; presentation of course work by the students

Script:

Copies of the slides are available.

Recommended reading:

Einführung in die Evidence-Based Medicine (Trisha Greenhalgh) and introductory biostatistics books

Assessment:

Course work presented by the students (60%) and final exam (40%).

Max. participants: 24 / group