

Program „In vivo Experiments“ Workshop MagnIM

Date: 13th to 15th of May 2013

Locations:

- Institute of Adolescent and Pediatric Surgery, Auenbruggerplatz 34, 8036 Graz, Mehrzweck-room 2nd Floor
- Hahnhof, Institute of Biomedical Research, Roseggerweg 48, 8036 Graz, Seminarroom 3rd Floor
- ZMF, Stiftingtalstrasse 24, 8010 Graz, Seminarroom 3rd Floor

Monday, 13. 5. 2013

9.00 – 9.15

Welcome, Introduction to Workshop, General rules

9.15 – 10.00

Housing of experimental animals: Legal, Personnel and Environmental Requirements

(Birgit Reininger – Gutmann, Biomedical Research, MUG)

10.00 – 10.30

What is FELASA?

(Birgit Reininger – Gutmann, Biomedical Research, MUG)

10.30 – 10.45

Break – Walk to Hahnhof

10.45 – 11.00

Introduction practical work: 3 groups for animal (rats) handling and housing

11.00 – 13.00

Practical work/ Discussion/ Questions

13.00 – 14.00

Lunch

14.00 – 16.30

Workshop Prof. Kühn:

(Anti-infective coating and preparation of samples for studies)

16.30 – 17.30

Presentation of mid term talks ESRs

Tuesday, 14. 5. 2013

8.30 – 9.00

Growth, Development and Maturation in children

(Karin Pichler, MUG)

9.30 – 10.00

Biomechanical experiments of implants in animal models

(Leopold Berger, TU Vienna)

10.30 – 11.00

Surgical techniques in animal models

(Johannes Eichler, MUG)

11.00 – 11.15

Break – Walk to Hahnhof

11.15 – 12.00

Application of animal experiments: Ethical and legal laws 2013

(Birgit Reininger – Gutmann, Biomedical Research, MUG)

12.00 – 12.30

First steps: study plan and design, 3Rs: Which animal model and what investigations?

(Elisabeth Martinelli, MUG)

12.30 – 13.30

Lunch

13.30 – 14.00

Introduction practical work: 3 groups for cadaver bone (sheep)

14.00 – 16.30

Practical work (Company Hofer)

Discussion/ Questions

16.30 – 17.30

Presentation of mid term talks ESRs

Wednesday, 15. 5. 2013

08.30 – 09.00

Surgery requirements: Anesthesia, Blood Sampling, Euthanasia
(*Elisabeth Martinelli, MUG*)

9.00 – 9.30

Preclinical investigation methods: μ CT, ultrasonic sound
(*Johannes Eichler, MUG*)

9.30 – 10.00

Introduction practical work: 3 groups for μ CT investigation, ultrasonic sound investigations, Evaluation of Results

10.00 – 12.30

Practical work

12.30 – 13.30

Lunch

13.30 – 14.30

Histology
(*Eleonore Fröhlich, ZMF, MUG*)

14.30 – 15.00

ESIN – Clinical application
(*Elisabeth Martinelli, MUG*)

15.00 – 17.30

Presentation of mid term talks ESRs

17.30 – 17.45

Discussion / End of Workshop