



Bone healing models and monitoring in rats

Practical Course

Berlin

9th - 10th of June 2015

Julius Wolff Institute | Charité - Universitätsmedizin Berlin | RISystem



JULIUS WOLFF INSTITUT



Topics

- Rat models to study bone and bone defect healing
- Bone fixation techniques - including surgical approaches
- Video demonstrations and “hands on” training
- Evaluation methods of the bone healing progress
- Tips, tricks & pitfalls of surgical procedures
- Discussion of study design
- Discussion of future developments

Participants

This practical course is designed for researchers who intend to use small animal models to study bone healing.

In this course participants will receive hands-on experience and perform the surgical procedures on rats under the guidance of scientific experts from the Julius Wolff Institute who have long-standing professional experience in small animal model surgery.

We offer to share 15 years of experience in animal studies.

Participants will also learn about the analytical methods used at the Julius Wolff Institute, one of the major research institutions on bone healing in Germany and worldwide.

Program

Tuesday, 9th of June 2015

13.00 Welcome

13.10 Bonehealing models at the JWJ

13.30 Introduction to RISystem

RatNail

13.30 Introduction

Video demonstration

In vivo demonstration and hands-on training

15.25 Coffee break

RatFix

15.50 Introduction

Video demonstration

In vivo demonstration and hands-on training

17.45 Discussion

18.30 End

19.00 Dinner

Wednesday, 10th of June 2015

08.45 Welcome

09.00 Biomechanical Testing

10.00 Histological monitoring of bone healing

11.00 μ CT evaluation of bone formation

12.00 Lunch break

RatExFix

13.30 Introduction

Video demonstration

In vivo demonstration and hands-on training

15.25 Coffee break

RatDis

15.50 Introduction

Video demonstration

In vivo demonstration and hands-on training

17.45 Study design: How to find your perfect animal model?

18.30 End

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Information

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Location

Julius Wolff Institute
Charité - Universitätsmedizin Berlin
Föhrerstr. 15
D-13353 Berlin
Seminar Room 0.0043

Organisers

Georg Duda - *Julius Wolff Institute*
Katharina Schmidt Bleek - *Julius Wolff Institute*
Agnes Ellinghaus - *Julius Wolff Institute*
Romano Matthys - *RISystem AG*

Registration & Registration Fee

€ 879 including tax, course book, dinner, meals & drinks

[Click here for Registration](#)

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