



**Bone healing models and
monitoring in rodents**
Practical Course

Berlin

8th - 9th of September 2016

Julius Wolff Institute | Charité - Universitätsmedizin Berlin | RISystem



JULIUS WOLFF INSTITUT



Accredited with 13 ATF points for veterinarians and 17 CME points for clinicians.

Topics

- Rat/mouse 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 procedure
- 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. Each participant may choose whether to learn about rat or mouse models.

In this course participants will receive hands-on experience and perform the surgical procedures on rodents 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

Thursday, 8th of Sept. 2016

12.00 Welcome

12.10 Bonehealing models at the JWJ

12.30 Introduction to RISystem

RatNail/ MouseNail/ MouseScrew

13.00 Introduction

Video demonstration

In vivo demonstration and hands-on training

15.25 Coffee break

RatFix/ MouseFix

15.50 Introduction

Video demonstration

In vivo demonstration and hands-on training

17.45 Discussion

18.30 End

19.00 Dinner

Friday, 9th of Sept. 2016

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/ MouseExFix

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

Berlin

8th - 9th of Sept. 2016

Bone healing models
and monitoring in
rodents
Practical Course

Information

Dr. Agnes Ellinghaus
Fachtierarzt für Versuchstierkunde
Julius Wolff Institute
Charité - Universitätsmedizin Berlin
Augustenburger Platz 1
D-13353 Berlin
Phone: +49 30 450659027
Fax: +49 30 450559969
E-Mail: agnes.ellinghaus@charite.de

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 & drink

[Click here for Registration](#)

Kindly supported by the "Verein der Freunde und Förderer der Berliner Charité e.V."