



# OSTEOLOGY RESEARCH ACADEMY

RIO DE JANEIRO

2022

PROGRAMME

17–20 October

**“Research Design and Methodology”**

Chaired by  
Maurício Araújo, Brazil

International Speakers:  
Anton Sculean, Switzerland  
Frank Schwarz, Germany  
Mariano Sanz, Spain



## MONDAY

17 October 2022

08:00–08:30	REGISTRATION & COFFEE
08:30–09:00	Welcome and introduction of Osteology and participants <b>Maurício Araújo</b>
09:00–10:00	Biochemical and molecular biological analytical methods <b>Patricio Smith</b>
10:00–10:15	COFFEE BREAK
10:15–11:15	Biomarkers and molecular biological analytical methods <b>Flávia Matarazzo</b>
11:15–12:15	Radiological and image analysis in clinical research <b>Sérgio Lins de-Azevedo-Vaz</b>
12:15–12:30	DISCUSSION AND Q&A
12:30–13:30	LUNCH BREAK
13:30–14:30	Legal aspects, ethics, animal welfare in pre-clinical research: from application to experiments <b>Monica Levy Andersen</b>
14:30–15:45	Pre-clinical models for research on osseointegration and periimplantitis <b>Frank Schwarz</b>
15:45–16:15	COFFEE BREAK
16:15–17:30	Clinical research designs for peri-implant disease <b>Frank Schwarz</b>
17:30–18:00	DISCUSSION AND Q&A
18:00–18:30	TRANSFER TO RESTAURANT
18:30–21:00	TEAM EVENING & DINNER

## TUESDAY

18 October 2022

- 07:45–08:00 COFFEE
- 08:00–10:00 **WORKSHOP I:**  
Statistical principles for research projects in oral tissue regeneration  
**Cláudio Mendes Pannuti**
- 10:00–10:30 COFFEE BREAK
- 10:30–11:30 Pre-clinical models for research on periodontal and soft tissue regeneration  
**Enilson Sallum**
- 11:30–12:30 Clinical research designs for periodontal regeneration  
**Anton Sculean (virtual)**
- 12:30–13:00 DISCUSSION AND Q&A
- 13:00–14:00 LUNCH BREAK
- 14:00–15:00 Clinical research designs for soft tissue regeneration  
**Mariano Sanz**
- 15:00–15:15 DISCUSSION AND Q&A
- 15:15–15:30 COFFEE BREAK
- 15:30–18:00 **WORKSHOP II:**  
Selection and application of analytical methods  
**Patricio Smith, Flávia Matarazzo, Sérgio Lins de-Azevedo-Vaz, Paulo Rossetti**

## WEDNESDAY

19 October 2022

07:45–08:00	COFFEE
08:00–09:00	Pre-clinical models for testing of tissue engineering concepts <b>André Pelegrine</b>
09:00–10:00	Research models for research on socket management <b>Maurício Araújo</b>
10:00–10:15	DISCUSSION AND Q&A
10:15–10:45	COFFEE BREAK
10:45–11:45	Essential considerations for clinical research and the role of systematic reviews (in the past and today) <b>Mariano Sanz</b>
11:45–12:45	Clinical, aesthetic and patient reported outcome measurements <b>Paulo Rossetti</b>
12:45–13:00	DISCUSSION AND Q&A
13:00–14:00	LUNCH BREAK
14:00–15:00	Clinical research designs for osseointegration of implants <b>Joao Batista Cesar Neto</b>
15:00–16:00	Pre-clinical models for horizontal and vertical ridge augmentation <b>TBC</b>
16:00–16:15	DISCUSSION AND Q&A
16:15–16:30	COFFEE BREAK
16:30–17:30	Clinical research designs for systemically comprised patients <b>Ricardo Fischer</b>
17:30–18:00	DISCUSSION AND Q&A
18:30–18:45	TRANSFER TO RESTAURANT
18:45–21:45	TEAM EVENING & DINNER incl. career seminar on „Considerations for a scientific career development“ <b>Mariano Sanz</b>

## THURSDAY

20 October 2022

- 07:45–08:00 COFFEE
- 08:00–09:00 Publication strategy – Guidelines from the author and editor  
**Jaime Cury**
- 09:00–10:00 **WORKSHOP III:**  
Strategy to obtain research funding  
**Benjamin Müller**
- 10:00–10:15 DISCUSSION AND Q&A
- 10:15–11:00 COFFEE BREAK & SNACKS
- 11:00–13:00 **WORKSHOP IV-1:**  
Clinical research protocol development  
**Maurício Araújo, Joao Batista Cesar Neto, Ricardo Fischer, Cláudio Mendes Pannuti, Benjamin Müller**
- 13:00–14:00 **WORKSHOP IV-2:**  
Communication of research protocol  
**Maurício Araújo, Joao Batista Cesar Neto, Ricardo Fischer, Cláudio Mendes Pannuti, Benjamin Müller**
- 14:00–14:15 CLOSING  
**Mauricio Araujo, Benjamin Müller**

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