



Center for Regenerative Medicine and Orthopaedics

Donau-Universität Krems Zentrum für
Regenerative Medizin und Orthopädie
Dr.-Karl-Dorrek-Straße 30
3500 Krems
Austria
www.donau-uni.ac.at/en/departement/kmbt/regenerativ...

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Data on Clinical/Research Center

We are a Clinical Center:	✓
We are a Research Center:	✓
We are both:	✓
In University Programme:	✓
Private Practice Programme:	✓
Primary Language:	English
Secondary Language:	German

Please provide a general description of your program:

The Center for Regenerative Medicine and Orthopedics is working on creating and developing tissue engineering methods. The main focus of the research in this center is the development of alternative therapies and the improvement of already existing therapies for orthopaedic problems of the musculoskeletal system. Within this framework, the center is working on different cell culture methods and cell resources. Furthermore, the center is investigating organic material for its biocompatibility and cell-matrix interaction. The center is especially concerned about the practical use of these tissues in clinical settings and to their technical feasibility as well as their ethical justification. The Center Regenerative Medicine strives to integrate its new knowledge and concepts with the methods of industrial processing. Together with partners from the industry, the center wants to develop business models and create cost-effective tissue engineering in a greater socio-economical context.

Training/Techniques are available

- Non Operative Interventions (including Visco-supplementation)
 - PRP
- Knee Procedures
 - Microfracture
 - Chondroplasty
 - Mosaicplasty
 - OATS
 - First Generation ACI
 - Second or Third Generation ACI
 - Osteochondral Allograft Reconstruction
 - Meniscus Transplantation
 - Patello-femoral Realignment/ Reconstruction
 - Osteotomies
 - Unicondylar- & Total Joint Arthroplasty of Knee
- Foot & Ankle Procedures
- Hip Procedures
- Shoulder Procedures

Approximate Annual Case Volumes

Knee Procedures:	Training/Techniques
Hip Procedures:	20
Foot & Ankle Procedures:	100
Shoulder Procedures:	50
Advanced Cartilage Repair techniques:	100

Opportunities, Experiences and Location of the Teaching Center

Scientific Research Opportunities Available:

Fully equipped research labs (PCP, ELISA, Proteomics, FACS), histology, bioreactor, cell culture, clinical development with ACI and MACT procedures, OATS microfracture...

Describe your participation in past ICRS educational, hosting or society events

Active member since 2005. Invited Faculty at several ICRS events/congress

Can your center provide free or reduced-cost accommodation through your institute?

yes

Who should be contacted:

Steigenberger Avance Hotel / Arte Hotel irene.hackl@donau-uni.ac.at

Nearest Airport to your institution is

Vienna Intl. Airport

Any other important information thath you would like to add

Fellowships research, Clinics
ICRS Teaching Center Since: 2012-09-19

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Contact

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