UNIVERSITÄT DES SAARLANDES

GradUS global
International Ph.D. Research at Saarland University

UNIVERSITÉ DE LA GRANDE RÉGION
UNIVERSITÄT DER GROSSREGION

Knorpelnetz der Großregion
Réseau du Cartilage de la Grande Région
Cartilage Net of the Greater Region

The Chair of Experimental Orthopaedics and Osteoarthritis Research at the Saarland University represents the first Chair of its kind in Germany. Its origin lies in the foundation of the "Laboratory for Experimental Orthopaedics" at the Department of Orthopaedic Surgery, Medical Faculty of Saarland University, in 2000 through the initiative of the Chairman of the Department, Prof. Dr. med. Dieter Kohn. In October 2009, the laboratory was elevated to the Chair of Experimental Orthopaedics and Osteoarthritis Research at the Saarland University. The Center of Experimental Orthopaedics and Osteoarthritis Research was founded in 2010. Together with the Christa Huberti Endowed Chair of Experimental Orthopaedics and Osteoarthritis Research, the chair was mainly supported in the years 2009 - 2014 through the foundation "Deutsche Arthrose-Hilfe e.V." Since 2014, the Chair of Experimental Orthopaedics is supported by the Saarland University.

Saarland University
Chair of Experimental Orthopaedics and Osteoarthritis Research
Prof. Dr. Henning Madry

Symposium in honor of

Prof. Dr. Véronique Migonney

Full Professor of Chemistry and Biomaterials - Exceptional Class
Doctor es Sciences, Engineer in Materials Science
LBPS/CSPBAT UMR CNRS 7244, Institut Galilée
Université Paris 13, Villetaneuse, France

Translational cartilage repair

May 18th, 2017

This symposium is kindly supported by the GradUS program of the Saarland University

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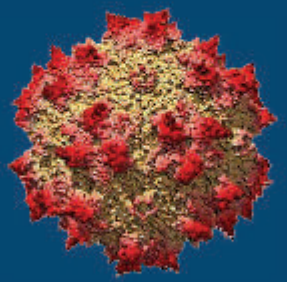
CSPBAT cnrs



Venue:
Center of Experimental Orthopaedics
Saarland University, Homburg
Faculty of Medicine, Building 37, Library,
Department of Orthopaedic Surgery

Welcome to Homburg/Saar!

The Center of Experimental Orthopaedics is investigating new strategies to regenerate damaged articular cartilage and other musculoskeletal tissues to restore their original functionality. The focus of our experimental work is to study the basic processes in cartilage development and cartilage regeneration. Based on clinical needs, we are developing molecular therapies for the treatment of focal cartilage defects in non-osteoarthritic joints, meniscal lesions and osteoarthritis. Another part of our research involves the development of tissue engineered articular cartilage. Using gene transfer technology, the function of tissue engineered cartilage can be improved. Our aim for the future is to develop improved therapeutic strategies for articular cartilage defects, meniscal lesions and osteoarthritis based on developments in stem cell research, gene transfer and tissue engineering. Our research is conducted in close cooperation with national and international collaborators and funded by the Deutsche Forschungsgemeinschaft (DFG), Bundesministerium für Bildung und Forschung (BMBF), the AO Foundation (AO), the Deutsche Arthrosehilfe (DAH), the Gesellschaft für Arthroskopie und Gelenkchirurgie (AGA) and others.

We hope you will enjoy our symposium!

Prof. Dr. Magali Cucchiarini Prof. Dr. Henning Madry

May 18th 2017

11:00 | Welcome
Magali Cucchiarini, Henning Madry

11:10 | Bioactive surfaces : a good tool to propose biointegrable implants
Véronique Migonney

11:20 | Tranlational cartilage repair
Henning Madry

11:30 | An overview of rAAV-mediated therapeutic human regenerative medicine
Magali Cucchiarini

11:40 | rAAV-controlled delivery systems for cartilage repair
Ana Rey-Rico

11:50 | Biomechanical stimulation for cartilage gene therapy
Jagadeesh K.Venkatesan

12:00 | Combined gene transfer approaches in cartilage regenerative medicine
Ke Tao

12:10 | Bioinspired drug-eluting hydrogels to address diabetic-eye complications
Fernando Álvarez Rivera

12:20 | Conclusion
Magali Cucchiarini, Henning Madry

Coffee and refreshments will be available

Speakers

Prof. Dr. rer. nat. Véronique Migonney

LBPS/CSPBAT UMR CNRS 7244, Institut Galilée Université Paris 13, Villetaneuse, France

Prof. Dr. med. H. Madry

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