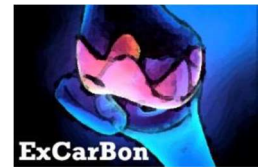


ExCarBon FOR-2407-2 Summer School Munich, 29-30 June 2022



PROGRAM

Talks of ExCarBon members: 20 min length + 20 min discussion

Talks of guests: 40 min + 20 min discussion

Wednesday, June 29: Institute of Anatomy, OG2 A202, Pettenkofenstr 11

12.45 – 12.55 **Welcome Address** Grässel/Aszodi

12.55 – 13.55 **Guest Speaker:** Frank Beier - *“Epigenetic and genetic mechanisms in osteoarthritis pathogenesis”*

13.55 – 14.35 **SP1** Paolo Alberton - *„Integrins in osteoarthritis and cartilage repair“*

14.35 – 15.15 **SP2** Ann Christine Severmann - *„Interaction of heparan sulfate and integrin signaling in maintaining the articular cartilage“*

15.15 – 15.35 *Coffee Break*

15.35 – 16.15 **SP3** Helen Dietmar - *„Mechanoregulated microRNAs in cartilage function and pathophysiology of osteoarthritis“*

16.15 – 16.55 **SP4** Patrick Pann - *„Role of the sensory nervous system in subchondral bone remodeling and synovial inflammation in OA pathology“*

16.55 End of day 1

18.30 Get together dinner in Schiller Bräu, Schillerstrasse 23

Thursday, June 30: Institute of Physiology, Lecture Hall OG1 F1.02, Pettenkofenstr 14

09.00 – 10.00 **Guest Speaker:** Bent Brachvogel - *“Mitochondria and matrix organisation - novel insights into respiration dependent endochondral ossification process”*

10.00 – 10.40 **SP 5** Shahed Taheri - *„Cartilage Adjacent Subchondral Bone (CASB) in ageing and disease as a diagnostic and therapeutic target“*

10.40 – 11.10 *Coffee Break*

11.10 – 11.50 **SP6** Babak Moradi - *„Modulation of inflammatory processes as treatment strategy in osteoarthritis “*

11.50 – 12.30 **SP8** Gundula Rösch/Rebecca Sohn - *„Sympathetic influences on articular cartilage regeneration capacity and osteoarthritis manifestation“*

12.30 **Closing Remarks** Grässel/Aszodi

12.45 End of Day 2

