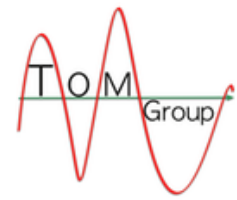


# The Tissue and Organ Mechano-Biology Group

"WE ARE FOCUSING ON THE INTERACTIONS OF CELLS UNDER LOAD IN ORGAN CULTURE"



HOME THE TEAM TEACHING BONE-BAR **BONE & JOINT SEMINAR** "SPINGENEERING" OF SILK  
PUBLICATIONS FINANCIAL SUPPORT

## Bone & Joint Seminar

in order to exchange our experience from wet labs with a research focus on tissue and cells from the musculoskeletal system, Willy (Bone Biology), Daniel (Rheumatology) and me (Tissue and Organ Mechanobiology), we decided to start a new seminar series called "**bone & joint research**".

As the name suggests it is pretty much about the musculoskeletal system and its diseases. The schedule is to meet once every month (the 4th Tuesday at **12.15h, Room MEM/ H812**) and to provide a platform for updating the other groups on subjects like bone repair, arthritis, cartilage and intervertebral disc repair. The meeting can be about your own collected data but it can also be a journal club about an article you would like to discuss with others.

### Wintersemester 2018

Date	Presenter	Group	Title
25 September 2018	Saskia Perret-Gentil	Bone Biology	Master Thesis defense, "Effects of Low Oxygen Pressure on Iron Metabolism in Osteoclasts"
23 October 2018	Rahel May	TOM group	TBA
27 November 2018	TBN	Group D. Aeberli	TBA
18 December 2018	Martina Calio	Space Biology Group Lucerne	TBA

### Springsemester 2017

Date	Presenter	Group	Title
24 October 2017	Michel Hauser	Bone Biology	<u>Defect Repair in Bisphosphonate-treated Osteoporotic Bone</u>
28 November 2017	Rahel May	TOM group	<u>The Relevance of BMP Antagonists for Successful Spinal Fusion</u>
23 January 2018	Flurina Roos	Group D. Aeberli	Comparison of volumetric muscle mass and functional testing in patients with rheumatoid arthritis to healthy controls
27 February 2018	Romina Cabra	Bone Biology	<u>The role of iron in development and activity of osteoclasts</u>
27 March 2018	Alice Xingshuo Zhang	TOMgroup	<u>The Homeostasis of Mitochondria in Nucleus Pulposus of the Intervertebral Disc</u>
24 April 2018	no seminar	none	none
22 Mai 2018	Miichael Künzler	Orthopedics Bern	The Role of PARP-1 (ARTD1) in Rotator Cuff Tear
26 June 2018	Saskia Perret-Gentil	Bone Biology	Hypoxia and Osteoclasts

8 April 2018