

## International Concurrent Workshop Basic 4

### RA, synovium

Day 2 April 22, 9:15 - 10:15 Room 5

Chair: Isao Matsumoto

Department of Internal Medicine, Faculty of Medicine, University of Tsukuba, Japan

**ICW-B4-1** The epigenetic mechanism of constitutive and IL-6-induced MMP gene activation in rheumatoid arthritis synovial fibroblasts

**Yasuto Araki**

Department of Rheumatology and Applied Immunology, Faculty of Medicine, Saitama Medical University, Saitama, Japan / Project Research Laboratory, Research Center for Genomic Medicine, Saitama Medical University, Saitama, Japan

**ICW-B4-2** A Novel Transcription Factor NFAT5 Plays an Important Role in Toll-like Receptor 4 Signaling Pathway of the Activity of Rheumatoid Arthritis Synovial Fibroblasts

**Kunihiko Umekita**

Department of Rheumatology, Infectious Diseases and Laboratory Medicine, University of Miyazaki, Japan

**ICW-B4-3** IL-17A promotes rheumatoid fibroblast-like synoviocytes migration and proliferation by increasing the accumulation of p62

**Jihye Bang**

Graduate School of Medicine, Keimyung University, Daegu, Korea

**ICW-B4-4** The epigenetic induction of aggressive phenotype of fibroblast-like synoviocytes (FLS) in rheumatoid arthritis (RA), the role of DNA demethylation enzyme TET3

**Akio Kawabe**

The First Department of Internal Medicine, The University of Occupational and Environmental Health, Japan

**ICW-B4-5** Osteogenic differentiation of fibroblast-like synovial cells in Rheumatoid arthritis is induced by microRNA-218 through ROBO/Slit pathway

**Naoki Iwamoto**

Unit of Translational Medicine, Department of Immunology and Rheumatology, Nagasaki University Graduate School of Biomedical Sciences, Nagasaki, Japan

**ICW-B4-6** Glutaminase1 inhibitor inhibits synoviocytes proliferation and ameliorates inflammatory arthritis in mice

**Soshi Takahashi**

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