

8th Pacific Rim Conference on Rheology

Tuesday, 16 May 2023

Biomaterials and Biological Systems - Room 100 (10:30 - 12:10)

-Conveners: Yaman Boluk

time	[id] title	presenter
10:30	[28] Poroelastic Modelling Reveals The Cooperation Between Two Mechanisms For Albuminuria	XU, Zelai
10:50	[31] Hydrodynamics and rheology of fluctuating, semiflexible, inextensible, and slender filaments in Stokes flow	Prof. DONEV, Aleksandar
11:10	[44] TRIBOLOGY AND RHEOLOGY OF HYALURONIC ACID BASED CELLULOSE NANOCRYSTAL SUSPENSIONS	BOSE, Akshai
11:30	[148] Self-organized cable formation and force transmission in an active vertex model for biological tissues	QIU, Mingfeng
11:50	No talk scheduled	

Biomaterials and Biological Systems - Room 104 (14:00 - 15:40)

-Conveners: Dana Grecov

time	[id] title	presenter
14:00	[40] KEYNOTE: Bioprinting of collagen hydrogels in supported gel environment	Prof. BOLUK, Yaman
14:40	[22] EFFECTS OF GELATION CONCENTRATION ON CYCLIC DEFORMATION BEHAVIOR OF POLYSACCHARIDE HYDROGELS	HORINAKA, Jun-ichi
15:00	[70] TENDON FASCICLE-INSPIRED COLLAGEN MULTIFILAMENT BUNDLE PRODUCED BY MULTI-PIN CONTACT DRAWING OF AN AQUEOUS COLLAGEN-POLYETHYLENE OXIDE SOLUTION	Dr YAGHOobi, Hessameddin
15:20	[123] EFFECT OF HOMOGENIZATION OF RAW MILK ON THE PHYSICAL PROPERTIES OF AGED CHEESE	Prof. KANEDA, Isamu

Biomaterials and Biological Systems - Room 104 (16:10 - 17:50)

-Conveners: Nicky Eshtiaghi

time	[id] title	presenter
16:10	[99] Reversal motion of E-coli bacteria in nematic liquid crystals	Dr GORAL, Martyna
16:30	[49] DIFFUSION OF LIPID NANOPARTICLES THROUGH AIRWAY MUCUS	ROKHFOROuz, Mohammad Reza
16:50	[133] Oscillatory microfluidic thromboelastograph (micro-TEG) analysis of whole blood coagulation and fibrinolysis	Prof. SHIN, SeHyun
17:10	[156] SCALE-DEPENDENT RHEOLOGY OF SYNOVIAL FLUID LUBRICATING MACROMOLECULES	MARTÍN ALARCÓN, Leonardo
17:30	[160] RHEOLOGY OF CORN STOVER SLURRIES UNDERGOING DILUTE-ACID PRETREATMENT	Prof. SAMANIUK, Joseph