

Oral Session (Bio) | Bio

📅 Thu. Sep 24, 2026 11:05 AM - 12:30 PM JST | Thu. Sep 24, 2026 2:05 AM - 3:30 AM UTC | 🏛️ Oral
Session Room 2 (Conference Room 501)

[Session 2] Biomedical Acoustics and Acoustofluidics 2

♥ Invited Talk

11:05 AM - 11:25 AM JST | 2:05 AM - 2:25 AM UTC

[2R205] Surface Acoustic Wave Meets Microfluidics for Biomedical Applications

Jinsoo Park¹ (1. Chonnam National University)

♥ Invited Talk

11:25 AM - 11:45 AM JST | 2:25 AM - 2:45 AM UTC

[2R206] Sonophoresis: The Path to Replace Needles with Ultrasounds

Eduardo W Jorgensen¹ (1. Medicsen)

11:45 AM - 12:00 PM JST | 2:45 AM - 3:00 AM UTC

[2R207] The Effect of Irradiation Time on Drug Delivery in Sequential Ultrasound Irradiation

Youhei Usui¹, Tsubasa Soita¹, Yoshiaki Sasaki¹, Munenari Itoh², Hiroataka James Okano², Yuta Kurashina¹
(1. Tokyo University of Agriculture and Technology, 2. The Jikei University School of Medicine)

12:00 PM - 12:15 PM JST | 3:00 AM - 3:15 AM UTC

[2R208] Ultrasound propagation simulation in a rat-tibia pseudo fracture model

Shota Kitajima¹, Yuta Murakami¹, Yusei Matsumoto¹, Mami Matsukawa¹ (1. Doshisha Univ)

12:15 PM - 12:30 PM JST | 3:15 AM - 3:30 AM UTC

[2R209] Visualization of Ultrasonic Shear Wave Attenuation in Cell Aggregates and PDMS for Viscoelastic Characterization

Shunsuke Yamagata¹, Nanaka Takeuchi¹, Takuya Katashima¹, Takeshi Morita¹, Chikahiro Imashiro¹ (1. The University of Tokyo)