

Research Meeting

of SPERC Biomedical Materials Engineering Research Group



SPERC医療材料工学研究グループ研究会

2025.3.28 (Fri)

岩手大学
地域協創推進棟 GL3大

Co-host

Soft-Path Engineering Research Center (SPERC)
Office for Equality and Diversity
Special Committee on Globalization of Education & Research
(KENGUO)

Program

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|-------|---|-----------------|
| 9:30 | Hirobumi Tobe | Opening remarks |
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| 9:35 | Hirobumi Tobe / Material Science and Engineering
Enhancing functional properties of biomedical shape memory alloys through microstructural control | |
| 10:30 | Kazuki Oikawa / Shiba Group / Biological Sciences
Mechanical stimulation of MNPs by application of DC magnetic fields specifically damages early endosomes | |
| 10:55 | Kasumi Suzuki / Shiba Group / Biological Sciences
CD63 transport regulated by ARAP1 and ADAP1; implication of novel trafficking pathway | |
| 12:30 | Hsin-I Chang / Department of Biochemical Science and Technology, National Chiayi University
Cellular biomechanics | |
| 13:25 | Yuina Sasaki / Shibasaki Group / Chemistry
Adsorption of heavy metal ions with cellulose-base thermosetting resin | |
| 13:50 | Mai Kudou / Shibasaki Group / Chemistry
Renewable self-healing organic glass based on tannic acid with cystamine | |
| 14:15 | Issei Suto / Kobayashi Group / Material Science and Engineering
Intracellular uptake characteristics of alginate-coated iron oxide magnetic nanoparticles | |
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| 14:40 | Hirobumi Tobe | Closing remarks |

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