

Session Title:	[Mo2L] Biophotonic Imaging II
Session Date:	August 5 (Mon.), 2024
Session Time:	13:30-15:00
Session Room:	Room L (206-207)
Session Chairs	Prof. Pilhan Kim (KAIST, Korea)

[Mo2L-1] [Invited] 13:30-14:00

Raman-based Noninvasive Continuous Glucose Monitoring (CGM)

Jeon Woong Kang (Massachusetts Inst. of Tech., USA)

[Mo2L-2] 14:00-14:15

Rolling Shutter Speckle Plethysmography for Pulsatile Blood Flow Monitoring

Sangjun Byun, Yujin Lee, Changyoon Yi, Jaewoo Jung, and Seung Ah Lee (Yonsei Univ., Korea)

[Mo2L-3] 14:15-14:30

High-throughput 3D Histopathology of Skin Cancer with Two-photon Light Sheet Fluorescence Microscopy for Surgical Margin Detection

Jieun Yun, Won Yeong Park, Suil Jeon, Jisang Lee (POSTECH, Korea), Byung Ho Oh (Yonsei Univ., Korea), and Ki Hean Kim (POSTECH, Korea)

[Mo2L-4] 14:30-14:45

Rapid Surface-enhanced Raman Imaging for Intracellular Drug Detection and Low-concentration Amino Acid/Dipeptide Analysis

Kazuki Bando, Kota Koike (Osaka Univ., Japan), Jun Ando (RIKEN, Japan), Hiroyuki Yamakoshi (Nagoya City Univ., Japan), Naoki Terayama, Kosuke Dodo (RIKEN, Japan), Nicholas Isaac Smith (Osaka Univ., Japan), Mikiko Sodeoka (RIKEN, Japan), Masaya Okada (Osaka Univ., Japan), Yasunori Nawa (AIST, Japan), Shigeki Iwanaga, Satoshi Fujita, and Katsumasa Fujita (Osaka Univ., Japan)

[Mo2L-5] 14:45-15:00

Longitudinal Imaging of Conjunctival Goblet Cells in Mice under Hyperosmotic Stress

Noseong Park, Suil Jeon, Jisang Lee (POSTECH, Korea), Chang Ho Yoon (Seoul Nat'l Univ., Korea), Chulmin Joo (Yonsei Univ., Korea), and Ki Hean Kim (POSTECH, Korea)