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Session Title:	[We3L] Biophotonic Enabling Technologies II
Session Date:	August 7 (Wed.), 2024
Session Time:	15:45-17:15
Session Room:	Room L (206-207)
Session Chair(s)	Prof. Kihean Kim (POSTECH, Korea)

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[We3L-1] [Invited] 15:45-16:15

Toward Peta-scale Microscopy and Image Analytics

Kevin Kin-Man Tsia (The Univ. of Hong Kong, Hong Kong S.A.R)

[We3L-2] 16:15-16:30

Phenotype Screening of Zebrafish with Deep Learning and Flatten Scanner

Hyunmo Yang (UNIST, Korea), Unbeom Shin (IBS, Korea), Geosung Na (UNIST, Korea), Hwasoo Ko (IBS, Korea), Taejoon Kwon (UNIST, Korea), Yoonsung Lee (Kyung Hee Univ., Korea), and Woonggyu Jung (UNIST, Korea)

[We3L-3] 16:30-16:45

Evaluation of Photocurrent and Thermal Effects on Photosynthetic Microbes under Multiple Optical Condensation

Ryuki Hotta, Kota Hayashi, Anna Honda, Mamoru Tamura, Takuya Iida, and Shiho Tokonami (Osaka Metropolitan Univ., Japan)

[We3L-4] 16:45-17:00

Hand-held Scanning Oblique Plane Microscopy with Flexible Fiber Bundle Relay

Seonghan Kim, Jisang Lee, Arnab Shil, ALI Ahmad, and Ki Hean Kim (POSTECH, Korea)

[We3L-5] 17:00-17:15

Sensitive and Rapid Detection of Cancer Biomarkers with Microflow Light-induced Acceleration System

Takuya Iida, Yumiko Takagi, Mami Katsumata, Kana Fujiwara, Mamoru Tamura, Ikuhiko Nakase, Shiho Tokonami (Osaka Metropolitan Univ., Japan), and Ayumu Taguchi (Aichi Cancer Center, Japan)