P1 Bolmont Tristan  
EPFL Lasser Lab  
not communicated

P2 Bruschini Claudio  
EPFL Charbon Group  
Compact imaging systems with single-photon sensitivity and picosecond time resolution for fluorescence-guided applications with lifetime imaging capability

P3 Buitrago Elizabeth  
EPFL Vonescu Lab  
3D Vertically Stacked SiNWs for Biosensing Applications

P4 Cabral Lorenzo Horacio Amadeo  
U Tokyo Cabral Lab  
Systemically injected polymeric micelles can inhibit the growth of lymph node metastasis

P5a Delincé Matthieu  
EPFL McKinney Lab  
Real-Time Single-Cell Analysis of Dictyostelium-Mycobacterium Interactions

P5b Dutta-Gupta Shourya  
EPFL Martin Lab  
Metabolism-controlled biosynthesis of gold nanoparticles by cells

P6 Fujihara Yuko  
U Tokyo Fujihara Lab  
Macrophage-inducing Fas on chondrocytes forms immune privilege in cartilage tissue engineering, enhancing in vivo regeneration

P7 García-Cordero José Luis  
EPFL Maerki Lab  
High-throughput Microfluidic Nanoimmunoassays for Biomarker Quantitation

P8 Higashi Nobuaki  
U Tokyo Higashi Lab  
Sulfated polysaccharide regulates release of granular enzymes from extracellular matrix environment: Heparanase-mediated cleavage of macromolecular heparin accelerates release of granular components from mast cells

P9 Irimura Tatsuro  
U Tokyo Irimura Lab  
In vivo bioluminescent imaging reveals the significance of inflammatory tumor microenvironment in breast cancer progression

P10 Itaka Keiji  
U Tokyo Itaka Lab  
In vivo mRNA delivery using a novel non-viral carrier, polyplex nanomicelle

P11 Kamiya Mako  
U Tokyo Kamiya Lab  
Rapid cancer imaging by rationally designed fluorescence probes

P12 Kanazawa Sanshiro  
U Tokyo Kanazawa Lab  
Biological Roles of Gliarial Fibrillary Acidic Protein as a Biomarker in Cartilage Regenerative Medicine

P13 Kanke Kosuke  
U Tokyo Takato Lab  
Stepwise differentiation of pluripotent stem cells into osteoblasts using four small molecules under serum-free conditions

P14 Kanno Yuki  
U Tokyo Kanno Lab  
Postoperative evaluation of custom-made artificial bones fabricated by inkjet printers using computed tomography

P15 Kato Masaru  
U Tokyo Kato Lab  
Control of Protein behaviors in Living Cell using Protein Encapsulated Nanoparticles

P16 Koman Volodymyr  
EPFL Martin Lab  
Portable device for oxidative stress measurements

P17 Konno Tomohiro  
U Tokyo Konno Lab  
Cytocompatible phospholipid polymer hydrogels “Cell-Container” for cell engineering

P18 Longo Giovanni  
EPFL Dietler Lab  
Rapid detection of bacterial resistance to antibiotics using AFM cantilevers as nano-mechanical sensors

P19 Maeda Yujiro  
U Tokyo Takato Lab  
Bone healing by sterilizable and osteogenic molecule-eluting tetrapod-shaped calcium phosphate granules

P20 Mlonic Ebersold Marijana  
EPFL Hoffmann Lab  
From Cancer Detection to Treatment: Magnetotheranostics

P21 Miura Yutaka  
U Tokyo Miura Lab  
Development of Platinum Incorporated Polymeric Micelle with Peptide-ligand

P22 Murakami Ryuichi  
U Tokyo Irimura Lab  
Genetic control of Foxp3+ regulatory T cell fitness in peripheral tissues

P23 Osada Kenseke  
U Tokyo Osada Lab  
Polyplex Micelle with cRGD as Ligand for Systemic Delivery in Treatment of Pancreatic Tumors

P24 Powolny Francois  
EPFL Charbon Group  
Compact imaging systems with single-photon sensitivity and picosecond time resolution for fluorescence-guided applications with lifetime imaging capability

P25 Steinbock Lorenz  
EPFL Radenovic Lab  
Detecting Single Molecules with Shrunken Glass Nanopore

P26 Suzuki Risa  
U Tokyo Nagamune Lab  
Activation of P450 assembled with redox proteins using PCNA heterotrimer.

P27 Taguchi Runa  
U Tokyo Miyazono Lab  
TGF-β family signals inhibit the proliferation of lymphatic endothelial cells

P28 Umezawa Keitaro  
U Tokyo Umeano Lab  
Near-Infrared Fluorescent probes for live-cell super-resolution microscopy of cellular proteins

P29 Uno Shinnosuke  
U Tokyo Umeano Lab  
Development of Fluorescent probes for super-resolution imaging based on intramolecular spirocyclicization

P30 Volpetti Francesca  
EPFL Maerki Lab  
High-throughput Microfluidic Nanoimmunoassays for Biomarker Quantitation

P31 Vonesch Cédric  
EPFL Unser Lab  
The 3D Deconvolution Microscopy Grand Challenge Series

P32 Watanabe Kengo  
U Tokyo Ichijo Lab  
High-content genome-wide siRNA screening for the regulators of hyperosmotic stress-dependent ASK3 inactivation

P33 Yano Fumiko  
U Tokyo Yano Lab  
A novel disease-modifying osteoarthritis drug candidate targeting Runx1

P34 You Wenqi  
EPFL De Micheli Lab  
Parameterized Support Vector Machines for Personalized Medicine

P35 Anraku Yasutaka  
U Tokyo Anraku Lab  
Development of enzyme-loaded PICosomes for enzyme/prodrug therapy

P36 Takado Yuhei  
EPFL Meibom Lab  
Stable isotope imaging of mouse brain with sub-cellular resolution