Projects at the EPFL Center of MicroNanoTechnology

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EPFL - School of Engineering - Interfaculty Institute of Bioengineering

EPFL-STI-IBI-BIOS
EPFL - BIONANOPHOTONIC SYSTEMS LABORATORY
PROF. H. ALTUG

01  NANOPARTICLE ENHANCED PLASMONIC BIOSENSOR FOR DIGITAL BIOMARKER DETECTION IN A MICROARRAY
02  HIGH-Q DIELECTRIC METASURFACE FOR OPTICAL BIOSENSING APPLICATIONS
03  PLASMON-ENHANCED INFRARED SPECTROSCOPY FOR HIGHLY SENSITIVE MOLECULAR STUDIES IN COMPLEX BIOSYSTEMS
04  IMAGING BASED MOLECULAR BARCODING WITH DIELECTRIC PIXELATED METASURFACES
05  3D OPTOFLOWDIDIC DEVICE FOR LABEL-FREE HIGH-THROUGHPUT SINGLE-CELL ANALYSIS

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EPFL - LABORATORY OF LIFE SCIENCES ELECTRONICS
PROF. C. GUIDUCCI

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PROF. A. RADENOVIC

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