

International symposium on Biosensors for next generation; molecular recognition element and transducer

July 12 (Fri), 2019, **13:00 - 15:30**

東京農工大学 小金井キャンパス グリーンホール
Green Hall, 1st Fl., New Building 1, Koganei Campus, TUAT

言語 / 英語 Language / English

Program

13:00-13:40 Plenary lecture 1
Science and Engineering of Biomolecules Capable of Direct Electron Transfer -Expectation and Future of DET based Biomedical Engineering-

Dr. Koji Sode, William R. Kenan Jr. Distinguished Professor
The Joint Department of Biomedical Engineering
The University of North Carolina at Chapel Hill and North Carolina State University, U.S.A.



13:40-14:00 Fe thicknesses dependence of ATR response in magnetoplasmonic double dielectric structures: Angular versus wavelength interrogation

Dr. Terunori Kaihara, GIR, Tokyo University of Agriculture and Technology
IMN-Instituto de Micro y Nanotecnología de Madrid (CNM-CSIC)



14:00-14:20 Development of a fluorogenic G-quadruplex ligand based upon its conformational switching

Dr. Masayuki Tera, Associate Professor
Department of Biotechnology and Life Science
Tokyo University of Agriculture and Technology



14:20-14:30 Coffee Break

14:30-15:10 Plenary lecture 2
Graphene-oxide Assisted SELEX (GO-SELEX) for Aptamers and Its Biosensing Applications

Dr. Man Bock Gu, Professor
Department of Biotechnology
Korea University, Korea



15:10-15:30 Antibody engineering for cancer immunotherapy and toward biosensing

Dr. Ryutaro Asano, Associate Professor
Department of Biotechnology and Life Science
Tokyo University of Agriculture and Technology



どなたでもご聴講いただけます。
Everyone is welcome to attend.

■共催／Co-Organized by

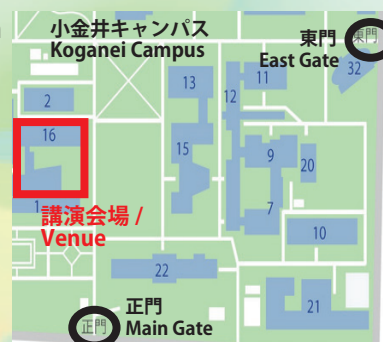
グローバルイノベーション研究院 ライフサイエンス分野 分野グループ / 池袋チーム
Institute of Global Innovation Research "Life Science" Life Science Group / Ikebukuro Team

卓越大学院プログラム

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■お問合せ先／Contact

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