

## Publication 2015

1. "Cooperative Binding of Ferrocenylnaphthalene Diimide Carrying  $\beta$ -Cyclodextrin Converts Double-Stranded DNA to a Rod-Like Structure"  
Shinobu Sato, Yuta Umeda, Satoshi Fujii & Shigeori Takenaka  
*Bioconjugate Chem.*, 26 (3), 379-382 (2015).
2. "Thermodynamics and Kinetic Studies in the Binding Interaction of Cyclic Naphthalene Diimide Derivatives with Double Stranded DNAs"  
Md. Monirul Islam, Satoshi Fujii, Shinobu Sato, Tatsuo Okauchi & Shigeori Takenaka  
*Bioorganic & Medicinal Chemistry*, 23, 4769-4776 (2015).
3. "A Selective G-Quadruplex DNA-Stabilizing Ligand Based on a Cyclic Naphthalene Diimide Derivative"  
Md. Monirul Islam, Satoshi Fujii, Shinobu Sato, Tatsuo Okauchi & Shigeori Takenaka  
*Molecules*, 20(6), 10963-10979 (2015).
4. "Telomerase as a biomarker for oral cancer"  
Shinobu Sato & Shigeori Takenaka  
*Biomarkers in Disease: Methods, Discoveries and Applications*, Preedy, Victor R., Patel, Vinood B Eds., Springer pp. 753-770 (2015).
5. Electrochemical Sensing Performances for Uric Acid Detection on Various Amine Adlayers Used in Immobilizing Reduced Graphene Oxide  
Sumi Park, Shinjae Hwang, Shigeori Takenaka and Kyuwon Kim  
*Electroanalysis*, 27, 1159-1165 (2015).
6. Synthesis of fluorescent potassium ion-sensing probes based on a thrombin-binding DNA aptamer-peptide conjugate  
Shigeori Takenaka  
2015. *Curr. Protoc. Nucleic Acid Chem.* 62:8.9.1-8.9.9 doi:  
10.1002/0471142700.nc0809s62.