

Publication 2013

1. "Oral cancer diagnosis via a ferrocenylnaphthalene diimide-based electrochemical telomerase assay"
Kumiko Mori, Shinobu Sato Masaaki Kodama, Manabu Habu, Osamu Takahashi, Tatsuji Nishihara, Kazuhiro Tominaga & Shigeori Takenaka
Clinical Chemistry, **59**, 289-295 (2013).
2. "Electrochemical RNase A detection using the electrode immobilized with ferrocenyl deoxyribooligonucleotide containing cytidine ribonucleotide as its target"
Shinobu Sato & Shigeori Takenaka
Electroanalysis, **25**(7) 1652-1658 (2013).
3. "Electrochemical DNA duplex detection by an intercalation-triggered decomplexation of ferrocene with β -cyclodextrin"
Hirotomo Takenaka, Shinobu Sato & Shigeori Takenaka
Electroanalysis, **25**(8) 1827-1830 (2013).
4. "Naphthalene diimide carrying two cysteine termini at both imide linkers as a molecular staple"
Shinobu Sato, Kosuke Yamamura & Shigeori Takenaka
Electroanalysis, **25**: 1831-1839 (2013).
5. "Development of a membrane-based microwave mediated electrochemical ELISA method for TNF- α detection in patients with periodontitis"
Irmina Diala, Shinobu Sato, Michihiko Usui, Keisuke Nakashima, Tatsuji Nishihara & Shigeori Takenaka
Analytical Sciences, **29**: 927-930 (2013).