

## 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  $\beta$ -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- $\alpha$  detection in patients with periodontitis"  
Irmina Diala, Shinobu Sato, Michihiko Usui, Keisuke Nakashima, Tatsuji Nishihara & Shigeori Takenaka  
*Analytical Sciences*, **29**: 927-930 (2013).