Application of electromodulated fluorescence to the study of the dynamics of single-strand oligonucleotides at modified gold surfaces.

- **Title:** Application of electromodulated fluorescence to the study of the dynamics of single-strand oligonucleotides at modified gold surfaces.
- **Publication Type:** Journal Article
- **Year of Publication:** 2002
- **Authors:** Wang, L, Silin, VI, Gaigalas, AK, Xia, J, Gebeyehu, G
- **Journal:** J Colloid Interface Sci
- **Volume:** 248
- **Issue:** 2
- **Pagination:** 404-12
- **Date Published:** 2002 Apr 15
- **ISSN:** 0021-9797
- **Keywords:** Electrochemistry, Electrodes, Fluoresceins, Gold, Oligonucleotides, Sensitivity and Specificity
- **Abstract:** Single-strand oligonucleotides with fluorescein labels were immobilized on modified gold electrodes modified with amine and carboxyl groups. This suggests that electrostatic interactions play a dominant role.
- **DOI:** 10.1006/jcis.2001.8191
- **Alternate Journal:** J Colloid Interface Sci
- **PubMed ID:** 16290545