

Clinical Micro Sensors Incorporated

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Contact Details:

**126 West Del Mar Boulevard
Pasadena
CA
91106
United States of America**

Tel:
Fax:
Email:

Clinical Micro Sensors, Inc. is a leading company in the emerging field of mass applied genomics - the widespread use of genetic knowledge in industries such as medicine, agriculture, and food safety. CMS is a genomics instrumentation company developing and manufacturing disposable DNA biochips and electronic biochip readers. Our eSensor™ system uses proprietary bioelectronic detection technology to test for genetic information based on known sequences of DNA or RNA. We will produce durable systems in benchtop, portable and handheld formats, designed to deliver accurate results in a timely and cost-effective manner.

Recent Publications by Clinical Micro Sensors Incorporated:



- [Surface plasmon resonance for measurements of biological interest.](#)
*Genetic manipulations, including gene knock-outs and mutant screens,...*8th August, 2008
Clinical Micro Sensors, Pasadena, California, USA.- *Curr Protoc Mol Biol.* 2001 May;Chapter 20:Unit 20.4. ([DOI Direct Link](#))
- [Soluble Ferrocene Conjugates for Incorporation into Self-Assembled Monolayers.](#)
*A series of phenylethynyl oligomers (I-V) possessing a ferrocene and thiol...*25th October, 2001
Clinical Micro Sensors Inc., 101 Waverly Drive, Pasadena, California- *J Org Chem.* 1999 Mar 19;64(6):2070-2079.



Clinical Micro Sensors Incorporated Patents:

- 7393645- [Compositions for the electronic detection of analytes utilizing monolayers](#)
- 6740518- [Signal detection techniques for the detection of analytes](#)
- 6686150- [Amplification of nucleic acids with electronic detection](#)
- 6600026- [Electronic methods for the detection of analytes utilizing monolayers](#)
- 6541617- [Detection of target analytes using particles and electrodes](#)
- 6495323- [AC methods for the detection of nucleic acids](#)
- 6479240- [Electrodes linked via conductive oligomers to nucleic acids](#)
- 6432723- [Biosensors utilizing ligand induced conformation changes](#)
- 6290839- [Systems for electrophoretic transport and detection of analytes](#)
- 6264825- [Binding acceleration techniques for the detection of analytes](#)
- 6248229- [Detection of analytes using reorganization energy](#)
- 6232062- [AC methods for the detection of nucleic acids](#)
- 6221583- [Methods of detecting nucleic acids using electrodes](#)
- 6096273- [Electrodes linked via conductive oligomers to nucleic acids](#)
- 6090933- [Methods of attaching conductive oligomers to electrodes](#)
- 6063573- [Cycling probe technology using electron transfer detection](#)
- 6013459- [Detection of analytes using reorganization energy](#)
- 6753143- [Target analyte detection using asymmetrical self-assembled monolayers](#)
- 6833267- [Tissue collection devices containing biosensors](#)
- 7384749- [Electrodes linked via conductive oligomers to nucleic acids](#)
- 7381533- [Electrodes linked via oligomers to nucleic acids](#)
- 7381525- [AC/DC voltage apparatus for detection of nucleic acids](#)
- 7312087- [Devices and methods for biochip multiplexing](#)
- 7267939- [Detection of analytes using reorganization energy](#)
- 7172897- [Devices and methods for biochip multiplexing](#)
- 7160678- [Compositions for the electronic detection of analytes utilizing monolayers](#)
- 7125668- [Electrodes linked via conductive oligomers to nucleic acids](#)
- 7087148- [Binding acceleration techniques for the detection of analytes](#)
- 7056669- [AC methods for the detection of nucleic acids](#)
- 7045285- [Electronic transfer moieties attached to peptide nucleic acids](#)
- 7018523- [Detection of analytes using reorganization energy](#)
- 7014992- [Conductive oligomers attached to electrodes and nucleoside analogs](#)
- 6977151- [Electrodes linked via conductive oligomers to nucleic acids](#)
- 6960467- [Biochannel assay for hybridization with biomaterial](#)
- 6942771- [Microfluidic systems in the electrochemical detection of target analytes](#)
- 6013170- [Detection of analytes using reorganization energy](#)

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Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

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