

 Content archived on 2024-05-27



Exploring the diagnostics market for simple and fast point-of-care antibody detection

Results

Project Information

ABSENS

Grant agreement ID: 632274

Project closed

Start date

1 September 2014

End date

31 August 2015

Funded under

Specific programme: "Ideas" implementing the Seventh Framework Programme of the European Community for research, technological development and demonstration activities (2007 to 2013)

Total cost

€ 150 000,00

EU contribution

€ 150 000,00

Coordinated by

TECHNISCHE UNIVERSITEIT
EINDHOVEN



Netherlands

CORDIS provides links to public deliverables and publications of HORIZON projects.

Links to deliverables and publications from FP7 projects, as well as links to some specific result types such as dataset and software, are dynamically retrieved from [OpenAIRE](#) .

Publications

Publications via OpenAIRE (7)



[Affinity Maturation of a Cyclic Peptide Handle for Therapeutic Antibodies Using Deep Mutational Scanning](#)

Author(s): Pascal A. Pieters; Tfa Tom de Greef; Maarten Merkx; Bmg Brian Janssen; D Wanders; M Martijn van Rosmalen; Nathalie Hendrikse; Ardjan J. van der Linden

Published in: Elsevier BVJournal of Biological Chemistry 2017

Permanent ID: Digital Object Identifier:10.1074/jbc.m116.764225; PubMed ID:27974464; PubMed Central ID:PMC5270489; Microsoft Academic Graph Identifier:2573068944

[Detection of Antibodies in Blood Plasma Using Bioluminescent Sensor Proteins and a Smartphone](#)

Author(s): Remco Arts; Ilona den Hartog; Stefan E. Zijlema; Vito Thijssen; Stan H. E. van der Beelen; Maarten Merkx

Published in: American Chemical Society (ACS)Analytical Chemistry 2016

Permanent ID: Digital Object Identifier:10.1021/acs.analchem.6b00534; PubMed ID:27018236; Microsoft Academic Graph Identifier:2313892377

[Semisynthetic Bioluminescent Sensor Proteins for Direct Detection of Antibodies and Small Molecules in Solution](#)

Author(s): Remco Arts; Susann K. J. Ludwig; Benice C. B. van Gerven; Eva Magdalena Estirado; Lech-Gustav Milroy; Maarten Merkx

Published in: American Chemical Society (ACS)ACS Sensors 2017

Permanent ID: Digital Object Identifier:10.1021/acssensors.7b00695; PubMed ID:29037030; PubMed Central ID:PMC5706068; Microsoft Academic Graph Identifier:2765173065

[Dual-Color Bioluminescent Sensor Proteins for Therapeutic Drug Monitoring of Antitumor Antibodies](#)

Author(s): Martijn van Rosmalen; Yan Ni; Daan F. M. Vervoort; Remco Arts; Susann K. J. Ludwig; Maarten Merkx

Published in: American Chemical Society (ACS)Analytical Chemistry 2018

Permanent ID: Digital Object Identifier:10.1021/acs.analchem.8b00041; PubMed ID:29443503; PubMed Central ID:PMC5843950; Microsoft Academic Graph Identifier:2793372040

[Paper-Based Antibody Detection Devices Using Bioluminescent BRET-Switching Sensor Proteins](#)

Author(s): Keisuke Tenda; Benice van Gerven; Remco Arts; Yuki Hiruta; Maarten Merkx; Daniel Citterio

Published in: WileyAngewandte Chemie International Edition 2018

Permanent ID: Digital Object Identifier:10.1002/ange.201808070; Digital Object Identifier:10.1002/anie.201808070; PubMed ID:30168634; PubMed Central ID:PMC6282528; Microsoft Academic Graph Identifier:2888916742

[Thread-Based Bioluminescent Sensor for Detecting Multiple Antibodies in a Single Drop of Whole Blood](#) 

Author(s): Yan Ni; Daniel Citterio; Maarten Merkx; Maarten Merkx; Keisuke Tenda; Yuki Hiruta; Kosuke Tomimuro

Published in: American Chemical Society (ACS)Crossref 2020

Permanent ID: Digital Object Identifier:10.1021/acssensors.0c00564; PubMed ID:32441095; Microsoft Academic Graph Identifier:3026246038

[Encompassing new use cases - level 3.0 of the HUPO-PSI format for molecular interactions](#) 

Author(s): Luana Licata; Giovanni Cesareni; Sandra Orchard; M. Sivade; Simona Panni; Henning Hermjakob; Henning Hermjakob; Noemi del-Toro; Bernd Roechert; Yo Yehudi; Grace Bradley; Colin W. Combe; Birgit H M Meldal; J. Heimbach; Arnaud Ceol; David J. Lynn; David J. Lynn; Diego Alonso-López; Lukasz Salwinski; Sylvie Ricard-Blum; J. De Las Rivas; Gos Micklem; Nancy H. Campbell; Maximilian Koch; Julie Sullivan; Igor Jurisica; Igor Jurisica; K. Van Roey; Nicolas Thierry-Mieg; Ruth C. Lovering; Mais G. Ammari; Anjali Shrivastava; Pablo Porras

Published in: Springer Science and Business Media LLCinstname: 2018

Permanent ID: Digital Object Identifier:10.1186/s12859-018-2118-1; Digital Object Identifier:10.17863/cam.27154; Digital Object Identifier:10.17863/cam.21935; PubMed ID:29642841; PubMed Central ID:PMC5896046; Handle:10261/163630; Microsoft Academic Graph Identifier:2798055326; Handle:20.500.11770/281783; Handle:2108/241766; Handle:2328/37929; Handle:1807/87681

Last update: 13 February 2017

Permalink: <https://cordis.europa.eu/project/id/632274/results>

European Union, 2025