Author's Accepted Manuscript

An acetone bio-sniffer (gas phase biosensor) enabling assessment of lipid metabolism from exhaled breath

Ming Ye, Po-Jen Chien, Koji Toma, Takahiro Arakawa, Kohji Mitsubayashi



www.elsevier.com/locate/bios

PII: S0956-5663(15)30024-5

DOI: http://dx.doi.org/10.1016/j.bios.2015.04.023

Reference: BIOS7591

To appear in: Biosensors and Bioelectronic

Received date: 29 January 2015 Revised date: 9 April 2015 Accepted date: 10 April 2015

Cite this article as: Ming Ye, Po-Jen Chien, Koji Toma, Takahiro Arakawa and Kohji Mitsubayashi, An acetone bio-sniffer (gas phase biosensor) enabling assessment of lipid metabolism from exhaled breath, *Biosensors and Bioelectronic*, http://dx.doi.org/10.1016/j.bios.2015.04.023

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Title:

An acetone bio-sniffer (gas phase biosensor) enabling assessment of lipid metabolism from exhaled breath

Authors:

Ming Ye^a, Po-Jen Chien^a, Koji Toma^b, Takahiro Arakawa^{a, b}, Kohji Mitsubayashi^{a,b*}

Affiliations:

^aGraduate school of Medical and Dental Sciences, Tokyo Medical and Dental University, 1-5-45 Yushima, Bunkyo-ku, Tokyo 113-8549, Japan

^bDepartment of Biomedical Devices and Instrumentation, Institute of Biomaterials and Bioengineering, Tokyo Medical and Dental University, 2-3-10 Kanda-Surugadai, Chiyoda-ku, Tokyo 101-0062, Japan

Corresponding author:

Professor Kohji Mitsubayashi can be contacted at the following address:

Department of Biomedical Devices and Instrumentation, Institute of Biomaterials
and Bioengineering, Tokyo Medical and Dental University, 2-3-10

Kanda-Surugadai, Chiyoda-ku, Tokyo 101-0062, Japan

Tel: +81-3-5280-8091, Fax: +81-3-5280-8094, Email: m.bdi@tmd.ac.jp

Download English Version:

https://daneshyari.com/en/article/7231718

Download Persian Version:

https://daneshyari.com/article/7231718

<u>Daneshyari.com</u>