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BLUE GROWTH CONFERENCE &
BROKERAGE EVENT

19-20 September 2016 | Gdańsk, Poland



Molecularly Imprinted Surface Plasmon Resonance (MISPR) Based Sensing of Bisphenol A(BPA) for(4) Its Selective Detection in Aqueous Systems Using SMART PHONES

Acronym:

MISPR Based Sensing of BPA 4 Its Selective Detection in Aqueous Systems USPs

Dr. Öznur Saka

PhD Graduate from Hacettepe University /Chemistry Department/ Biochemistry Division (2011) +

English Teacher & EU Projects Contact Person at Turkish Ministry of National Education since 2001 +

Continuing current jobs and academic career still at Maltepe Mesleki ve Teknik Anadolu Lisesi & Hacettepe University



www.ncp-biohorizon.net

BioHorizon project is funded by the European Commission – Grant Agreement no. 652637



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Expertise / project idea

- **the expertise possessed by Hacettepe University (Prof. Dr. Adil Denizli) :**

International

Biomagnetic Research and Technology, BioMed Central, 2004-2008.

Separation and Purification Technology, Elsevier, 2006-

Natural Products, An Indian Journal, TSI Journals, 2006-

Recent Patents on Engineering, Bentham Science Publishers Ltd, Pennington, USA, 2007-

The Open Chemical Engineering Journal, Bentham Science Publishers Ltd, Pennington, USA, 2007.

The Open Nanoscience Journal, Bentham Science Publishers Ltd, Pennington, USA, 2007.

Recent Patents on Chemical Engineering, Bentham Science Publishers Ltd, Pennington, USA, 2007.

Recent Patents on Biomedical Engineering, Bentham Science Publishers Ltd, Pennington, USA, 2007.

The Open Current Process Chemistry Journal, Bentham Science Publishers Ltd, Pennington, USA, 2007.

The Open Macromolecules Journal, Bentham Science Publishers Ltd, Pennington, USA, 2007.

The Open Bioactive Compounds Journal, Bentham Science Publishers Ltd, Pennington, USA, 2008.

The Open Polymer Science Journal, Bentham Science Publishers Ltd, Pennington, USA, 2008.

Bionanoscences, USA, 2008.

The Open Food Science Journal, Bentham Science Publishers Ltd, Pennington, USA, 2008.

The Open Catalysis Journal, Bentham Science Pub. Ltd, Pennington, USA, 2008.

International Review of Chemical Engineering, Praise Worthy Price, 2009

The Open Textile Journal, Bentham Science Publishers Ltd Pennington, USA, 2009.

International Journal of Analytical Chemistry, Hindawi Publishing Corporation, 2010.

Chemical Sensors, Simplex Academic Publishers, 2010.

International Journal of Nano Science and Engineering, The International Association for Sharing Knowledge and Sustainability, Canada, 2010.

Journal of Engineering, Hindawi Publishing Corporation, 2012.

American Journal of Modern Chromatography, Columbia International Publishing, USA, 2013.

The Open Conference Proceedings Journal, Bentham Science Publishers Ltd, Pennington, USA, 2014.

Advances in Nano Research, Techno Press, Korea, 2014.

Journal of International Research, Research Press, New Delhi, India, 2014.

International Journal on Advanced Materials and Technologies (IREAMT), Praise Worthy Price, 2014.

Turkish Journal of Chemistry, TÜBİTAK, 2015.

Bio-Inspired Nanotechnology, Publishing House of Sciences, 2015.

Global Journal of Biotechnology and Biomaterial Science, Peertechz Publishers, India, 2015.

Advances Methods in Chemical and Petroleum Engineering, Spiral Publishing, Canada, 2016.

Euroasian Journal of Analytical Science, ISER Publications, Turkey, 2016.

SM Analytical and Bioanalytical Techniques, SM Publishers, Texas, USA, 2016.

Jacobs Journal of Materials Science, Jacobs Publishers, Austin, Texas, 2016.

SM Journal of Forensic Research and Criminology, SM Publishers, Texas, USA, 2016.



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Expertise / project idea

- the expertise possessed by MMTAL School:

ERASMUS +

- the topics you are interested in ;

PRIORITY: BG-o6-2017 /Interaction between people, oceans and seas: a strategic approach to healthcare and well-being

OTHERS:BLUE GROWTH CALLS 2017 (Societal Challenge 2)

BG-04-2017 | Multi-use of the oceans marine space, offshore and near-shore: compatibility, regulations, environmental and legal issues

BG-08-2017 | Innovative sustainable solutions to improve the safety and dietary properties of seafood

SFS-21-2017 | Advancing basic biological knowledge and improving management tools for commercially important fish and other seafood species - Strengthening the knowledge base...

RUR-02-2017 | Coastal-rural interactions: Enhancing synergies between land and sea-based activities

- the objectives of your project proposal;

Creating Smart Phone Application for **Molecularly Imprinted Surface Plasmon Resonance (MISPR) Based Sensing of Bisphenol A(BPA) for(4) Its Selective Detection in Aqueous Systems**

- an indication of the existing partnership/consortium;

Hacettepe University /Chemistry Department/ Biochemistry Division & **Maltepe Mesleki ve Teknik Anadolu Lisesi**

- the requirements for additional partner(s);

Researchers, entrepreneurs and other stakeholders related with the topic

- involvement in previous/ongoing projects in the area

Just a templete paper:

Molecularly imprinted surface plasmon resonance (SPR) based sensing of bisphenol A for its selective detection in aqueous systems

Huma Shaikh, Gülsu Sener, Najma Memon, Muhammad Iqbal Bhangar, Shafi Muhammad Nizamani, Recep Üzek and ADİL DENİZLİ-

Anal. Methods, 2015.7.4661-4670 / Impact Factor: 1.915



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Contact details

- Name: **Dr. Öznur Saka**
- **oznurgky@hacettepe.edu.tr**
- Organisations & the nature of the organisations;
 - 1) **Maltepe Mesleki ve Teknik Anadolu Lisesi (public Vocational and Technical High School in İstanbul Turkey)**
 - 2) **Hacettepe University /Chemistry Department/ Biochemistry Division(One of the best big public universities in Ankara Turkey)**
- the country from which organisations operates:**TURKEY**



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**THANKS FOR
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ATTENTION!**



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