



TAIEX Regional Workshop on Biomedical Engineering: Biosensors

organised in co-operation with
Ministry of Civil Affairs of Bosnia and Herzegovina

Venue:

Hotel JELENA****, Bulevar mira 5, 76100 Brčko
Bosnia and Herzegovina
3 – 4 December 2018

Beneficiaries:

Albania, Bosnia and Herzegovina, Kosovo*, Serbia, the former
Yugoslav Republic of Macedonia

ETT65375

*this designation is without prejudice to positions on status, and is in line with UNSCR 1244/1999 and the ICJ Opinion on the Kosovo Declaration of Independence.

Aim of the workshop:

The aim of the workshop is to enhance local capacity for education, and research and innovation in the field of biosensors. The EU experts will present the current state-of-the-art technical expertise to participants from relevant regional public institutions; university departments offering study programmes related to biosensors; and representatives of professional associations related to biomedical engineering. Participants from all the Western Balkan countries are expected and this will provide an opportunity to strengthen the relationships between regional institutions and enable future co-operation.

Day 1: Monday, 3 December 2018

Chair: Ms. Enisa **OMANOVIĆ-MIKLIČANIN**, Faculty of Agriculture and Food Science University of Sarajevo

09:00 – 09:30	Registration of participants
09:30 – 10:30	Welcome speeches by: <ul style="list-style-type: none">• Deputy Head of Delegation of the European Union, Mr. Khaldoun SINNO• Minister of Civil Affairs of Bosnia and Herzegovina, Mr. Adil OSMANOVIC• Ms. Safija HERENDA, Society for Medical and Biological Engineering in Bosnia and Herzegovina (DMBIUBIH)
10:30 – 11:00	<i>Coffee break</i>
11:00 – 11:45	General introduction to chemical sensors and biosensors Mr. Michael J. SCHÖNING , Aachen University of Applied Sciences
11:45 – 12:30	Electrochemical Biosensors - History, Concepts and Applications Ms. Astrid ORTNER , University of Graz
12:30 – 14:00	<i>Lunch break</i>
14:00 – 14:45	Capacitive field-effect biosensor Mr. Michael J. SCHÖNING , Aachen University of Applied Sciences
14:45 – 15:30	Biomimetic recognition Mr. Peter LIEBERZEIT , University of Vienna
15:30 – 16:00	<i>Coffee break</i>
16:00 – 16:45	Amine oxidase Biosensors - Design, Enzyme-Immobilization and Application Ms. Astrid ORTNER , University of Graz
16:45 – 17:00	Questions and Answers Conclusions and Wrap-up of Day 1
17:00	End of Day 1

Day 2: Tuesday, 4 December 2018

Chair: Ms. Safija **HERENDA**, Society for Medical and Biological Engineering in Bosnia and Herzegovina (DMBIUBIH)

09:00 – 09:30	Overview on glucose biosensing Ms. Denise MOLLINUS , Aachen University of Applied Sciences
09:30 – 10:15	Adrenaline biosensing Ms. Denise MOLLINUS , Aachen University of Applied Sciences
10:15 – 10:45	<i>Coffee break</i>
10:45 – 11:30	Mass-sensitive transducers and their use Mr. Peter LIEBERZEIT , University of Vienna
11:30 – 12:00	Questions and Answers
12:00 – 13:30	<i>Lunch break</i>
13:30 – 14:30	Round table discussion Moderator: Ms. Safija HERENDA , Society for Medical and Biological Engineering in Bosnia and Herzegovina (DMBIUBIH)
14:30 - 15:00	<i>Coffee break</i>
15:00 – 15:30	Questions and Answers
15:30 – 16:00	Final conclusions of the workshop
16:00	End of the workshop

This meeting is being organised by the
**Technical Assistance Information Exchange Instrument
of the European Commission**

http://ec.europa.eu/neighbourhood-enlargement/tenders/taix/index_en.htm



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