

BIOENG '16 / IV. International Bioengineering Conference

Istanbul, Turkey

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BIOENG '16 / IV. International Bioengineering Conference will be held at Nippon Meeting Halls in Istanbul. The conference is coordinated by DAKAM (Eastern Mediterranean Academic Research Center) and will be organized by BILSAS (Science, Art, Sport Productions).

Since 2013, nearly two hundred presentations by scholars from different places of the world have been hosted by DAKAM's BIOENG Conference and three proceedings books have been published.

We aim to create an inspiring program to the exchange of ideas, research, experience, and best practices within a wide range of bioengineering topics (Biomaterials, Biosensors, Biomass & Bioenergy, Bioenvironmental engineering, Biomechanics, Biomimetics, Genetics, Biomedical Engineering, Bioseparation Systems & Methods, Bioinstrumentation Techniques, Biofuels, Biochemical Engineering, Biotechnology & Bioprocesses, Bionanotechnology, Bioeconomy, Bioethics, Food & Agriculture Engineering etc.)

KEYNOTE SPEAKERS

EBRU TOKSOY

Microbial Systems Biology for Exopolysaccharide Production

Dr. Ebru Toksoy Oner is working as a Professor at the Bioengineering Department and as the Vice-Director of Institute of Pure and Applied Sciences at Marmara University (Istanbul, Turkey). She is the Principal Investigator of the Industrial Biotechnology and Systems Biology (IBSB) research group (<http://ibsb.bioe.eng.marmara.edu.tr>)

Dr. Oner's current research in IBSB focuses on biomaterials, biofuels, functional foods and systems microbiology. Ongoing research topics are functional biosurfaces, laser-based technologies, extremophiles, levan polysaccharide, strain improvement for bioethanol production, production of biopolymers from extremophiles, and optimization of fermentation processes to design high-yield production lines. Dr. Toksoy Oner has been the coordinator (Turkish side, 2006-2008) of the joint project CNR (Italy) – TUBITAK (Turkey) and the coordinator (Turkish side, 2007-2015) of the joint projects run under the bilateral agreement between the Italian and Turkish governments. She is also the coordinator of several national and international projects and partner in COST Actions. She is the Member of European Federation of Biotechnology (EFB), American Nano Society (ANS), American

Chemical Society (ACS), International Society for Extremophiles (ISE), Turkish Biotechnology Society and author of book chapters, reviews and over 60 peer-reviewed research articles.

## THEMES

1. Biomaterials
2. Biosensors
3. Biomass & Bioenergy
4. Bioenvironmental Engineering
5. Biomechanics
6. Biomimetics
7. Genetics
8. Biomedical Engineering
9. Bioseparation Systems & Methods
10. Bio-instrumentation Techniques
11. Biofuels
12. Biochemical Engineering
13. Biotechnology and Bioprocesses
14. Bio-nanotechnology
15. Bioeconomy
16. Bioethics
17. Food & Agriculture Engineering

## SCIENTIFIC COMMITTEE

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Dr. Maria KOUTSOUPIDOU, National Technical University of Athens

#### AGENDA

Abstract submission:  
JULY 8, 2016

Registration:  
SEPTEMBER 2, 2016

Full papers submission:  
SEPTEMBER 9, 2016