

BIOENG '16 / IV. International Bioengineering Conference

Istanbul, Turkey

Papers will be published in DAKAM's online library and in the proceedings e-book (with an ISBN number), which will be given to you in a DVD box and will be sent to be reviewed in the "Thomson & Reuters WOS' Conference Proceedings Citation Index-CPCI"

<http://www.dakamconferences.org/#!bioeng/qkc31> Web address:

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

- Prof. Dr. H. Soner ALTUNDOGAN, Firat University  
 Prof. Dr. Cengiz ATASOGLU, Canakkale Onsekiz Mart University  
 Prof. Dr. Selahattin GULTEKIN, Uskudar University  
 Prof. Dr. Fikretin SAHIN, Yeditepe University  
 Prof. Dr. Amel TAZEROUTI, University of Sciences and Technology Houari Boumediene  
 Prof. Dr. Ebru TOKSOY, Marmara University  
 Assoc. Prof. Dr. Berna SARIYAR AKBULUT, Marmara University  
 Assoc. Prof. Dr. Di?dem AKCA GUVEN, Fatih University  
 Assoc. Prof. Dr. Ozgur AKTAS, Istanbul Medeniyet University  
 Assoc. Prof. Dr. Halil KAVAKLI, Koc University  
 Assoc. Prof. Dr. Huseyin KIZIL, Istanbul Technical University  
 Assoc. Prof. Dr. Ersel OBUZ, Celal Bayar University  
 Assoc. Prof. Dr. Erkan SAHINKAYA, Istanbul Medeniyet University  
 Assoc. Prof. Dr. Mustafa TURK, Kirikkale University  
 Assoc. Prof. Dr. Hilal TURKOGLU SASMAZEL, Atilim University  
 Assoc. Prof. Dr. M. Saban TANYILDIZI, Firat University  
 Assist. Prof. Dr. Yavuz Emre ARSLAN, Canakkale Onsekiz Mart University  
 Assist. Prof. Dr. Vildan ENISOGLU ATALAY, Uskudar University  
 Assist. Prof. Dr. Rozelin AYDIN, Adana Science and Technology University

Assist. Prof. Dr. Dilek GOKTURK, Adana Science and Technology University  
Assist. Prof. Dr. Semra HASANCEBI, Trakya University  
Assist. Prof. Dr. Dogan ILHAN, Kafkas University  
Assist. Prof. Dr. Mesut KARAHAN, Uskudar University  
Assist. Prof. Dr. Suleyman KOK, Trakya University  
Assist. Prof. Dr. Mehmet Murat KOSEOGLU, Fatih University  
Assist. Prof. Dr. Ilker POLATOGLU, Celal Bayar University  
Assist. Prof. Dr. Bruno Sarmento, University of Porto / Team leader of INEB  
Assist. Prof. Dr. Ali YESILDAG, Kafkas University  
Dr. Mihai DUPAC, Bournemouth University  
Dr. Maria KOUTSOUPIDOU, National Technical University of Athens

#### AGENDA

Abstract submission:  
JULY 8, 2016

Registration:  
SEPTEMBER 2, 2016

Full papers submission:  
SEPTEMBER 9, 2016