



4th International Symposium

*on*

**HEALTH  
INFORMATICS  
*and*  
BIOINFORMATICS**

**Turkey '09**

**April 16-17, 2009**

**Keynote Speakers**

**Prof. Klaus-Peter Adlassnig**, Medical University of Vienna  
"Artificial-Intelligence-Augmented Clinical Medicine"

**Assoc. Prof. Uğur Sezerman**, Sabanci University  
"Structural Bioinformatics and Its Applications  
in Automatic Function Identification"

**Prof. Mehmet Öztürk**, Bilkent University  
"Bioinformatics: The Art of Discovering in a Haystack"

**METU Informatics Institute  
Ankara-Turkey**





**CONGRESS WEB AND CONTACT ADDRESS**

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<http://hibit09.ii.metu.edu.tr>

**CONGRESS TRAVEL AGENCY**

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### PURPOSE

The International Symposium on Health Informatics and Bioinformatics, Turkey (HIBIT), now in its fourth year, aims to bring together academicians, researchers and practitioners who work or want to work in these popular and fulfilling areas and to create the much-needed synergy among medical, biological and Information Technology sectors. HIBIT is one of the few international conferences on this subject in the world, therefore international participation from all around the world is anticipated. HIBIT provides a forum for discussion, exploration and development of both theoretical and practical aspects of health informatics and bioinformatics and a chance to network with others working and researching in this area.

### SCOPE

The topics of the conference will include but not limited to:

#### ●●●●● Health Informatics

- Electronic Health Records and Standards
- Clinical Informatics and Hospital Information Systems
- Telemedicine and Mobile Applications
- Decision Support Systems and Computer Aided Diagnosis
- Health Informatics (HI) Education
- Security, Ethics and Privacy
- Data Mining and Knowledge Discovery in HI
- Medical Signal/Image Analysis and Visualization
- Medical Imaging and Instrumentation
- Virtual Reality and Simulation
- Medical Transaction Provision Systems

#### ●●●●● Bioinformatics

- Biomolecular Sequence Analysis
- Comparative Genomics
- Biomedical Genome Research
- Microarray Informatics
- Protein Expression and Modifications
- Protein Interactions
- Protein Structure Prediction
- Biomedical Proteome Research
- Genetic Networks
- Systems Biology
- Text Mining and Information Extraction
- Evolution and Phylogeny
- Structural Bioinformatics
- Biologically Inspired Control Systems
- Computational Neuroscience

### HONORARY CHAIR

●●●●● Neşe Yalabık, METU

### CONFERENCE CHAIR

●●●●● Nazife Baykal, METU

### ORGANIZATION COMMITTEE

Tolga Can, METU	Osman Saka, Akdeniz U.
Elif Çakır, METU	Uğur Sezerman, Sabancı U.
Didem Gökçay, METU	Murat Sincan, Hacettepe U.
Mesude İşcan, METU	İnci Togan, METU
Sevgi Özkan, METU	Buket Toraman, METU
İsmail Öztürk, METU	Özlem Uzuner, METU NCC
Jens Allmer, Izmir Institute Of Technology	Gerhard Wilhelm Weber, METU

### TUTORIALS

Mehmet Serkan Apaydın, Sabancı University  
"Protein structure determination using NMR"

Zeynep Arzıman, TÜBİTAK  
"European Union Seventh Framework projects on Health Informatics"

Cemalettin Bekpen, University of Washington  
"Comparative genome analysis and dynamic structure of duplicated gene families"

Fatih Tank, Kırıkkale University  
"Health Insurance Mathematics"

### INDUSTRY SESSION

INTEL, Dr. Cenk Tezcan, "Mobile Telehealth in Turkey"  
TURKCELL, Habibe Açık, "Mobile Telehealth in Turkey"  
BİRİM, Barış Dinler, "Digital Hospitals"  
ÇÖZÜM, Ömer Siso, "Hospital Information Systems and PACS"

### CONTACT

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