

# WORKSHOP ON IT IN BIOLOGY AND MEDICINE (ITBM'13)

17<sup>th</sup> March, 2013 (Sunday)

<http://www.it-innovations.ae/iit2013/workshop.html>

College of Information Technology  
United Arab Emirates University  
1<sup>st</sup> Floor, room 1005

## Program

### Keynote Speech (02:15pm-03-15pm)

Chair: Dr. Sami Shaban (College of Medicine and Health Sciences, UAEU)



#### **Bioinformatics and Its Application in Proteomics**

*Speaker: Dr. Paul D. Yoo, College of Engineering,  
Khalifa University*



#### **Comparison of microbial communities and populations**

*Speaker: Dr. Andreas Henschel, Computing and Information  
Science, Masdar Institute*

### Technical Papers (15:20-16:00)

Detection of overlapping protein complexes using a protein ranking algorithm  
*Eileen Marie Hanna*

Prediction of Inter-Domain Linker Regions in Protein Sequences: A Survey  
*Maad Shatnawi*

**Break (15 minutes)**

### Keynote Speech (16:15-16:45)

Chair: Dr. Ranjit Vijayan (College of Science, UAEU)



#### **Role of Information Technology in Drug Discovery**

*Speaker: Prof. Firdos Alam Khan, Department of  
Biotechnology, Manipal University*

### Technical Papers (16:50-17:30)

Protein-protein Interaction Prediction using Arabic Semantic Analysis  
*Speaker: Kalthoom Alawar/ Amna Al Dhaheri*

Modeling and Simulation of Epidemic Spread: Recent Advances  
*Speaker: Maad Shatnawi or Sanja Lazarova-Molnar*

**Contact:** Dr. Nazar Zaki

[nzaki@uae.ac.ae](mailto:nzaki@uae.ac.ae)