Keynote Forum

09:45-10:00  Introduction
10:00-10:40  Title: “Quo vadis” laboratory medicine
Atila Miseta, University of Pécs, Hungary
10:40-11:20  Title: Inherited cardiomyopathies—A broad perspective
Guy Hugues Fontaine, Université Pierre et Marie, France

Group Photo

Networking & Refreshments 11:20-11:35 @ Foyer

Sessions: Principles of Clinical Chemistry | Clinical Pathology | Advances in Clinical Chemistry | Laboratory Sciences | Clinical Examination of Urine

Session Chair: Zhang Chaojie, Hunan Provincial People’s Hospital, P.R.China
Session Co-Chair: Yogini Patel, Global Hospital & Research Centre, India

Session Introduction

Jean-Michel Cayuela, University hospital Saint-Louis, France

12:05-12:35  Title: The journey of the implementation of total laboratory automation in a large tertiary care hospital—Challenges and immediate effects
Aditi Gupta, Medanta -The Medicity, India

12:35-13:05  Title: Health technology assessment and efficient decision-making for the laboratory medicine: Applying the “doHTA” method
Matteo Ritrovato, Bambino Gesù Children's Hospital, Italy

Lunch 13:05-13:50 @ Athens

13:50-14:20  Title: Optimizing orthodontic treatment using serum IGF-1 level and cervical staging
Sandhya Jain, College of Dentistry, India

14:20-14:50  Title: Papillary thyroid carcinoma during etanercept therapy in a patient with psoriatic arthritis
Ilker Ilhanlı, Giresun University School of Medicine, Turkey

14:50-15:20  Title: Pilot study of three dimensional printing in the surgical rib fixation for the obesity patients with flail chest
Zhang zhigong, Hunan Provincial People’s Hospital, China

15:20-15:50  Title: Biochemical and toxicological studies of waste-pit materials from kutchalli (Nigerian) exploration site in rabbits and groundnuts
Humphrey B Osadolor, University of Benin, Nigeria

Networking and Refreshments 15:50-16:05 @ Foyer

16:05-16:35  Title: Evaluation of the clinical value of carbon nanoparticle lymph tracer in the surgical reoperation of differentiated thyroid carcinoma
Zhang Chaojie, Hunan Provincial People’s Hospital, P.R.China

16:35-17:05  Title: Identifying the need of platelet transfusion for Dengue epidemics in India
Yogini Patel, Global Hospital & Research Centre, India
Day 2  
October 18, 2016  
Zurich Room

### Keynote Forum

10:00-10:40  
**Title:** Braiding of majorana fermions, topological quantum computation and the nature of clifford algebras  
**Speaker:** Louis H. Kauffman, University of Illinois at Chicago, USA

10:40-11:20  
**Title:** Glutathione reductase-glutathione peroxidase system in the blood of patients with non-Hodgkin lymphoma  
**Speaker:** Ludmila Gavriliuc, Nicolae Testemitanu State University of Medicine and Pharmacy, Moldova

### Networking and Refreshments 11:20-11:35 @ Foyer

### Sessions: Clinical Examination of Blood Serum | Clinical Chemistry Equipments | Clinical Chemistry and Laboratory Market | Advances in Laboratory Medicine  
**Session Chair:** Attila Miseta, University of Pécs, Hungary

#### Session Introduction

11:35-12:05  
**Title:** Synthesis and characterization of an HSP27Abs-targeted nanoprobe for *in vivo* photoacoustic imaging of early nerve injury in animal model  
**Speaker:** Hongjiang Chen, Shantou University Medical College, China

12:05-12:35  
**Title:** Improved internal control for molecular diagnosis assays  
**Speaker:** T. Vinayagamoorthy, MultiGen Diagnostics LLC, United States

12:35-13:05  
**Title:** Hepcidin maturation: The possible role of alpha-1 antitrypsin  
**Speaker:** Reza Sanaye, Shiraz University of Medical Sciences, Iran

#### Lunch 13:05-13:50 @ Athens

13:50-14:20  
**Title:** Cytological-energetic principle examination of the extra-vascular body fluids, including the cerebrospinal fluid  
**Speaker:** Petr Kelbic, Masaryk Hospital in Ústí nad Labem, Czech Republic

14:20-14:50  
**Title:** Chemical basis of treating chemotherapy-induced neutropenia in pediatric ALL patients by chamomile oral drop  
**Speaker:** Babak Daneshfard, Shiraz University of Medical Sciences, Iran

14:50-15:20  
**Title:** Prolegomena to a true integrative medical paradigm  
**Speaker:** Reza Sanaye, Shiraz University of Medical Sciences, Iran

#### Networking and Refreshments 15:20-15:35 @ Foyer

15:35-16:05  
**Title:** Boundary-state light emission quantum in bio-molecules  
**Speaker:** Mehdi Koohgard, Shiraz University, Iran

16:05-16:35  
**Title:** Towards optimal sample clean-up in molecular diagnostic assays  
**Speaker:** Bareki Shima Batlokwa, Botswana International University of Science and Technology, Botswana

16:35-17:05  
**Title:** Synthesis and optimization of a novel molecularly imprinted polymer for the selective removal of interfering hemoglobin prior to whole blood analysis  
**Speaker:** Tumelo H Tabane, Botswana International University of Science and Technology, Botswana

#### Poster Presentations @ 17:05-17:45

**P1**  
**Title:** Glutathione-dependent enzymes as biomarkers of differential breast tumor diagnostics  
**Speakers:** Ludmila Gavriliuc, Nicolae Testemitanu State University of Medicine and Pharmacy, Moldova

**P2**  
**Title:** Molecular analysis of maple syrup urine disease in Jordanian families  
**Speaker:** Hebah Deebajah, Jordan University of Science and Technology, Jordan

**P3**  
**Title:** Cost Cutting Quality Control analysis - A multicentre pilot study  
**Speaker:** Yogini Patel, Global Hospital & Research Centre, India

**P4**  
**Title:** Erythrocyte sedimentation rate (ESR): Comparison between VES-Matic cube 80 and the manual method  
**Speaker:** Maria Dolores Sofia, Azienda Ospedaliero Universitaria, Italy

**P5**  
**Title:** Routine laboratory unnecessary in patients referred for surgical services attention  
**Speaker:** María del Pilar Mata-Miranda, Mexican Social Security Institute, Mexico

### Award Ceremony