

## Registration

Registration Fees (Per person)	Until 13 <sup>th</sup> October 2011	From 14 <sup>th</sup> October 2011 until 23 <sup>rd</sup> January 2012	Onsite
Full Participant	€450	€500	€600
Fellow		€300	€350
Student		€300	€350

### Fees for Congress participants include:

- Participation in all scientific sessions
- Printed material of the Congress
- Invitation to the Welcome Reception
- Coffee breaks
- Certificate of Attendance
- Abstract Book and Final Program

For group registration please contact: [registration@upcp.org](mailto:registration@upcp.org)

Online registration is available on the Congress website:  
[www.upcp.org](http://www.upcp.org)

### Call for Abstracts

**Deadline for the submission of abstracts: 3<sup>rd</sup> October, 2011**

We invite you to submit your abstracts via the Congress website:  
[www.upcp.org](http://www.upcp.org)

All submitted abstracts will be reviewed by the Scientific Committee. The review will support the selection process of those abstracts that will be accepted for presentation at the Congress and for publication in the Congress Program & Book of Abstracts.

## General Information

### Congress venue:

Hilton Florence Metropole Hotel  
Via del Cavallaccio, 36  
Florence, Italy 50142  
Tel: +39 055 78711 | Fax: +39 055 7871  
[www1.hilton.com](http://www1.hilton.com)

### Language

The official language of the Congress is English

### Visas

It is the responsibility of the participant to obtain a visa if required. For more information please contact your nearest Embassy, Consulate or local travel agency well in advance.

### Accommodation

Accommodation at special rates will be available on the congress website shortly.

### Sponsorship & Exhibition

For a full range of sponsorship and exhibition opportunities please contact; Avigail Harel, Industry Liaison Manager at [aharel@paragon-conventions.com](mailto:aharel@paragon-conventions.com), or visit the congress website [www.upcp.org](http://www.upcp.org)

### CME Accreditation

An application for CME Accreditation is in process.

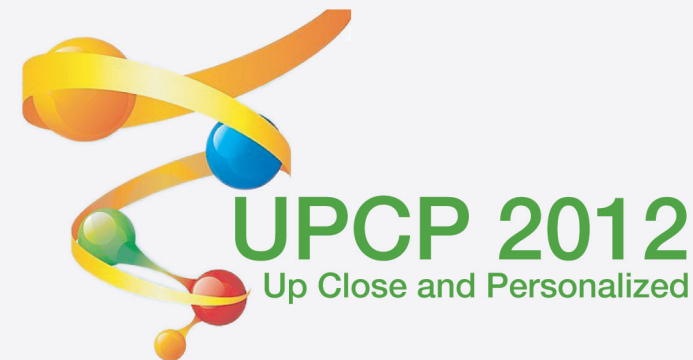


### Congress secretariat:

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### Committee Secretariat:

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Rambam Health Care Campus, Haifa, Israel  
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International Congress on Personalized Medicine  
2-5 February 2012, Florence, Italy

# Call for Abstracts

**Deadline for submission: 3<sup>rd</sup> October, 2011**

Held under the Auspices of:



[www.upcp.org](http://www.upcp.org)

Dear Colleagues,

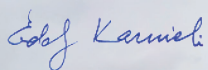
It is my pleasure to invite you to the first Up Close and Personalized, International Congress on Personalized Medicine, which will take place 2-5 February, 2012 in Florence, Italy.

Personalized Medicine is revolutionizing the medical world. Understanding and integrating genetic and molecular information with traditional clinical knowledge is the hallmark of this transformation. However, the treatment of complex diseases is much more challenging as the human genome is just one out of an array of factors that influence the dynamics of the disease.

At present much of the medical practice is based on standards of care derived from the epidemiologic studies of large cohorts that do not take into account the individual's genetic, proteomic, and metabolic characteristics. Furthermore, in spite of efforts to develop data-driven, expert-based, clinical decision support systems, there are no clear and simple means to disseminate new findings into clinical practice.

The main focus of the Up Close and Personalized Congress is to examine the essential clinical, genomic, proteomic, metabolomic, pharmacogenomic and biomarker data necessary to predict, prevent and treat major medical conditions concerning metabolism (diabetes and obesity), cardiovascular complications and cancer. In addressing the need and challenge for narrowing the gap between knowledge and clinical practice, one of the key themes will be to explore bio-informatic tools, algorithms, artificial intelligence techniques, decision support systems and other new platforms for predicting clinical outcome and better tailoring treatment modeling to the individual patient. Furthermore, as the patient is at the center of our concern we will also discuss modalities to "empower" the patient.

On behalf of the Scientific and Organizing Committee I look forward to welcoming you to what promises to be an exciting and fruitful event.



**Eddy Karnieli, MD**  
Congress Chairman

### International Scientific Committee

Uzia Galil, MScEE, Israel - Honorary President  
Eddy Karnieli, MD, Israel - Chairman  
Edward Abrahams, PhD, USA  
Hans-Ulrich Häring, MD, PhD, Germany  
Derek LeRoith, MD, PhD, Israel, USA  
Stephen O'Rahilly, MD, FMedSci, UK  
Gadi Rennert, MD, PhD, Israel  
Naphtali Rische, PhD, USA  
Alan Shuldiner, MD, USA  
Ulf Smith, MD, PhD, Sweden  
Yelena Yesha, PhD, USA

### Preliminary List of Faculty

Edward Abrahams, PhD, USA  
Yehuda G. Assaraf, PhD, Israel  
Jane Barlow, MD, MPH, MBA, USA  
Mary Brady, MSc, USA  
Philippe Froguel, MD, PhD, UK  
Uzia Galil, MScEE, Israel  
Stephen B. Gruber, MD, PhD, MPH, USA  
David Gurwitz, PhD, Israel  
Hans-Ulrich Häring, MD, PhD, Germany  
C. Ronald Khan, MD, USA  
Eddy Karnieli MD, Israel  
Markku Laakso, MD, Finland  
Derek LeRoith MD, PhD, Israel, USA  
Manuel Mayr, MD, PhD, UK  
Catherine A. McCarty, PhD, MPH, USA  
Christopher B. Newgard PhD, USA  
Stephen O'Rahilly MD, FMedSci, UK  
Gadi Rennert, MD, PhD, Israel  
Naphtali Rische, PhD, USA  
Rafael Rosell Costa, MD, Spain  
Heribert Schunkert, MD, Germany  
Alan Shuldiner MD, USA  
Ulf Smith MD, PhD, Sweden  
Amir Tirosh, MD, USA  
Yaron Tomer, MD, USA  
Yelena Yesha, PhD, USA

### Preliminary Lectures Program

Thursday, 2<sup>nd</sup> February, 2011

#### Plenary Lectures

- Personalized Medicine – Bridging the Gap, *Eddy Karnieli, MD*
- Factors Contributing to Individual Variability in Metabolism and the Challenging Epidemic of Diabetes and Obesity, *C Ronald Khan, MD*
- Horizons in Personalized Medicine, *Uzia Galil, MScEE*
- The Age of Personalized Medicine, *Edward Abrahams, PhD*

Friday, 3<sup>rd</sup> February, 2012

#### Medical Informatics

- Realization of Personalized Healthcare Using Web-Based Clinical-Genomic Decision Support System, *Yelena Yesha, PhD*
- Data Mining and Querying in Electronic Health Records  
*Naphtali Rische, PhD*
- The eMERGE Network: Biorepositories Linked to Electronic Medical Records Data for Conducting Genomic Studies  
*Catherine McCarty, PhD, MPH*
- Interoperability - eHealth Challenge, *Mary Brady, MSc*
- Personalized Medicine: Experiences in translating science to clinical practice, *Jane Barlow, MD, MPH, MBA*

#### Oncology

- Genetics in Cancer Risk Prediction, Prevention and Treatment  
*Gadi Rennert, MD, PhD*
- Human Lymphoblastoid Cell Lines as a Drug Response Biomarkers Discovery Tool, *David Gurwitz, PhD*
- Aberrant Splicing of FPGS as a Novel Mechanism of Methotrexate Resistance in Acute Lymphoblastic Leukemia Patients: Towards Personalized Chemotherapy, *Yehuda G. Assaraf, PhD*
- Pharmacogenetics of Cancer Risk Reducing Drugs  
*Stephen B. Gruber, MD, PhD, MPH, USA*
- Predictive Biomarkers in the Management of Cancer  
*Rafael Rosell Costa, MD*

Saturday, 4<sup>th</sup> February 2012

#### Diabetes & Endocrinology

- Use of Metabolomics for Predicting Intervention Outcome and Disease Progression, *Christopher B. Newgard, PhD*
- Genetic Contribution to Human Obesity, *Philippe Froguel, MD, PhD*
- Can We Predict Cancer in the Obese or Type 2 Diabetic Patient?  
*Derek LeRoith, MD, PhD*
- Genetic Variants Affecting Insulin Action,  
*Hans-Ulrich Häring, MD, PhD*
- Genetic Predisposition for Type 2 Diabetes, *Ulf Smith, PhD*
- Genetic Markers and Personalized Approach to Thyroid Autoimmunity, *Yaron Tomer MD*

#### Cardiology

- Personalized Anti-Platelet Therapy, *Alan Shuldiner, MD*
- Molecular Signals for Predicting Cardiovascular Disease  
*Heribert Schunkert, MD*
- Arrhythmia Pharmacogenomics, *TBD*
- Individualizing Risk Assessment for Type 2 Diabetes and Cardiovascular Diseases in Young Adults, *Amir Tirosh, MD, PhD*
- Proteomics, Metabolism and Cardiovascular Disease, *Manuel Mayr, MD*

