International Conference and Exhibition on

Pediatric Oncology and Clinical Pediatrics

August 11-13, 2016  Toronto, Canada
### Keynote Forum

**Introduction**

**Title:** The onco simulator - Combining clinically driven and clinically oriented multi-scale cancer modeling with information technology in the *in-silico* oncology context  
**Georgios Stamatakos,** National Technical University of Athens, Greece

**Networking & Refreshments:** 11:00-11:15 @ Foyer

**11:15-12:00**

**Title:** Drug measurements at the pharmacological target site for individualized pediatric cancer treatment  
**Imke Bartelink,** University of California, USA

**Sessions:** Pediatric Oncology | Pediatric Leukemia | Pediatric Hematology Oncology | Neuroblastoma in Children

**Session Chair:** Georgios Stamatakos, National Technical University of Athens, Greece  
**Session Co-chair:** Liqin Du, Texas State University, USA

**12:00-12:30**

**Title:** Cell differentiation and differentiation therapy in neuroblastoma  
**Liqin Du,** Texas State University, USA

**12:30-13:00**

**Title:** Tumor-derived CD200 inhibits the development of an anti-tumor response: Implications for immunotherapy  
**Michael R Olin,** University of Minnesota, USA

**Lunch Break:** 13:00-13:45 @ Foyer

**13:45-14:15**

**Title:** A custom gene panel for interrogating pediatric overgrowth disorders and tumor predisposition  
**Elizabeth Algar,** Hudson Institute of Medical Research, Australia

**14:15-14:45**

**Title:** Autoimmunity and childhood cancers  
**Nalini Kant Pati,** Australian National University, Australia

**14:45-15:15**

**Title:** Inflammatory myofibroblastic tumor in children  
**Ibtisam H Al-Shuaili,** Alberta Children’s Hospital, Canada

**15:15-15:45**

**Title:** Improvement of karyomegalic interstitial nephritis three years after ifosfamide and cisplatin therapy by corticosteroid  
**Tomokazu Matsuura,** National Hospital Organization, Japan

**15:45-16:15**

**Title:** Detection of occult *hepatitis-B* virus infection among frequently blood transfused children  
**Gehan Loffy Abdel Hakeem,** Minia University, Egypt

**Networking & Refreshments:** 16:15-16:30 @ Foyer

**16:30-17:00**

**Title:** Metabonomic principles, applications in the pediatric field and epidemiology  
**Marilyn Duquesne,** University of Mons, Belgium

**17:00-17:30**

**Title:** Blood stream infections during induction chemotherapy in children with acute myeloid leukemia - Changing spectrum in developing countries  
**Divya Subburaj,** Apollo Speciality Hospital, India

**17:30-18:00**

**Title:** Effect of *Phoenix dactylifera* palm date (Ajwa) on infection, hospitalization and mortality among pediatric cancer patients at single medical institute in Saudi Arabia  
**Soad K Al Jaouni,** King Abdulaziz University Hospital, KSA

**Panel Discussion**
Day 2  August 12, 2016

**Cabinet**

**Keynote Forum**

10:00-10:40  
**Title:** Guiding precision and personalized oncology using multiscale computational models  
**Ravi Radhakrishnan,** University of Pennsylvania, USA

Networking & Refreshments: 10:40-11:00 @ Foyer

11:00-11:40  
**Title:** Overview on pediatric cancers oncolytic viruses and parovirus B19 may be oncolytic in leukemic children  
**Janak Kishore,** Sanjay Gandhi Post-Graduate Institute of Medical Sciences, India

Sessions: Brain Tumor in Children | Pediatric Oncology Diagnosis | Types of Pediatric Oncology | Radiotherapy

Session Chair: Norbert Graf, Saarland University, Germany  
Session Co-chair: M Constantine Samaan, McMaster University, Canada

**CHIC Workshop on The Oncosimulator - Combining clinically driven and clinically oriented multiscale cancer modeling with information technology in the *in silico* oncology context**

11:40-12:20  
**Title:** CHIC (Computational Horizons in Cancer) - Perspective from the clinical side  
**Norbert Graf,** Saarland University, Germany

**Title:** Computational Horizons in Cancer (CHIC): Developing meta- and hyper-multiscale models and repositories for *in silico* oncology – Strategies, systems and results  
**Georgios Stamatakos,** National Technical University of Athens, Greece

12:00-13:00  
**Title:** The law and *in silico* health technology: Help or hindrance?  
**Marc Stauch,** Leibniz University Hannover, Germany

Lunch Break: 13:40-14:25 @ Foyer

14:25-15:05  
**Title:** *In silico* oncology- Computational horizons in cancer systems biology and multi-scale cancer modeling  
**Ravi Radhakrishnan,** University of Pennsylvania, USA

15:05-15:45  
**Title:** CHIC-CDR: A repository for managing multi-modality clinical data and its application to *in silico* oncology  
**Daniel Abler,** University of Bern, Switzerland

15:45-16:25  
**Title:** Integrating CHIC technologies into a clinical research application framework (“CRAF”) for cancer modeling  
**Kostas Marias,** Foundation for Research and Technology-Hellas, Greece

Networking & Refreshments: 16:25-16:40 @ Foyer

16:15-16:40  
**Poster Presentations**

16:40-17:10  
**Title:** PARP1 inhibition sensitizes Ewing sarcoma cells to DNA damage  
**Rausan Kurmasheva,** University of Texas Health Science Center, USA

17:10-17:40  
**Title:** Defining the risk factors of cardio-metabolic risk in survivors of childhood brain tumors  
**M Constantine Samaan,** McMaster University, Canada

17:40-18:10  
**Title:** Novel AAV phage-targeted gene therapy for targeting chemoresistant childhood brain tumors  
**Mariam Albahrani,** Imperial College London, UK

Panel Discussion

Day 3  August 13, 2016

**Cabinet**

Sessions: Pediatric Neuro- Oncology | Clinical Trials | Clinical Pediatrics

Session Chair: Abdulqader Al-Hebshi, Prince Mohammed Bin Abdul Aziz Hospital, Saudi Arabia  
Session Co-chair: Janak Kishore, Sanjay Gandhi Post-Graduate Institute of Medical Sciences, India

**Title:** New age for pediatric oncology  
**Annick Beaugrand,** Federal University, Brazil
10:35-11:05  
**Title:** Expanding spectrum of Parvovirus B19 in pediatric infections: What's more than fifth's disease  
**Janak Kishore,** Sanjay Gandhi Post-Graduate Institute of Medical Sciences, India

**Networking & Refreshments:** 11:05-11:25 @ Foyer

11:25-11:55  
**Title:** Syndromatic osteosarcoma, does it carry a poor prognosis? King Hussein Cancer Centre experience  
**Abduqlqader Al-Hebshe,** Prince Mohammed Bin Abdul Aziz Hospital, Saudi Arabia

**Title:** Pediatric non-Hodgkin Lymphoma: A retrospective 7-year experience in children and adolescents with non-Hodgkin lymphoma treated in King Fahad Medical City (KFMC)  
**Nahla Ali Mobark,** King Fahad Medical City, Saudi Arabia

**Title:** Individualized treatment with an optimal risk-benefit in children using pharmacokinetic-pharmacodynamic modeling in pediatric diseases and solid tumors  
**Imke Bartelink,** University of California, USA

11:55-12:25

12:25-12:45  
**Panel Discussion**

**Award Ceremony & Closing Ceremony**

**Lunch Break:** 12:45-13:45 @ Foyer

---

**Bookmark Your Dates**

**2nd International Conference & Exhibition on Pediatric Oncology**

**August 28-30, 2017**  
**Philadelphia, USA**

**Website:** [www.pediatriconcology.conferenceseries.com](http://www.pediatriconcology.conferenceseries.com)