Scientific Program

International Conference and Exhibition on

Pediatric Oncology and Clinical Pediatrics

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

**10:15-11:00**

**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

**Title:** Autoimmunity and childhood cancers

*Nalini Kant Pati*, Australian National University, Australia

**14:15-14:45**

**Title:** Inflammatory myofibroblastic tumor in children

*Ibtisam H Al-Shuaili*, Alberta Children's Hospital, Canada

**Title:** Improvement of karyomegalic interstitial nephritis three years after ifosfamide and cisplatin therapy by corticosteroid

*Tomokazu Matsuura*, National Hospital Organization, Japan

**15:15-15:45**

**Title:** Detection of occult hepatitis-B virus infection among frequently blood transfused children

*Gehan Lotfy 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

**Title:** Blood stream infections during induction chemotherapy in children with acute myeloid leukemia - Changing spectrum in developing countries

*Divya Subburaj*, Apollo Speciality Hospital, India

**17:00-17:30**

**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

12:20-13:00 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

13:00-13:40 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
Raushan Kursamcheva, 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

10:05- 10: 35 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
Abdulqader Al-Hebshi, 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