
Frontiers in Cancer Prevention: Fulfilled Promises, Translational Challenges and Future Directions – conference program

Wednesday, June 24, 2015

5:00 pm

Opening Ceremony

5:15 pm – **Keynote lecture – Silvio De Flora** (University of Genoa, Italy): *Chemoprevention of cigarette smoke-induced tumors and molecular alterations.*

6:00 pm

Poster session I

7:00 pm

Welcome dinner

Thursday, June 25, 2015

9:00 am–10:45 am

Session I: Mechanisms of cancer chemoprevention

Chaired by: John DiGiovanni and Jędrzej Antosiewicz

9:00–9:30 am – **Adriana Albini** (IRCCS “Tecnologie Avanzate e Modelli Assistenziali in Oncologia”, Italy): *Angiogenesis and inflammation as target for cancer prevention.*

9:30–10 am – **Ah-Ng Tony Kong** (Rutgers University, USA): *Epigenetics of dietary phytochemicals in cancer prevention: a focus on Nrf2 mediated pathway.*

10:00–10:30 am – **Chinthalapally V. Rao** (University of Oklahoma Health Sciences Center, USA): *Targeting inflammatory pathways to prevent colorectal cancer.*

10:30–10:45 am – **Angelika Kaczyńska** (University of Gdansk, Poland): *Isothiocyanates potentiate anti-proliferative and anti-metastatic activity of lapatinib in HER2-positive breast cancer cells.*

10:45 am

Coffee break

11:00 am–12:45 pm

Session II: The new molecular targets for cancer prevention and treatment

Chaired by: Chinthalapally V. Rao and Anna Herman-Antosiewicz

11:00–11:30 am – **Pier-Luigi Lollini** (University of Bologna, Italy): *Cancer immunoprevention.*

11:30–12:00 pm – **Nanjoo Suh** (Rutgers University, USA): *Chemopreventive agents targeting cancer stem cells for novel prevention approaches.*

12:00–12:30 pm – **Renu Wadhwa** (National Institute of Advanced Industrial Science & Technology, Japan): *Mortalin and cancer therapeutics.*

12:30–12:45 pm – **Alicja Sznarkowska** (University of Gdansk and Medical University of Gdansk, Poland): *TAp73 activation in cancer.*

12:45 pm

Lunch

2:00 pm–3:45 pm

Session III: Nutritional epidemiology and biomarkers of cancer prevention

Chaired by: Rajesh Agarwal and Agnieszka Bartoszek

2:00–2:30 pm – **Alicja Wolk** (Karolinska Institute, Sweden): *Primary cancer prevention – Is it possible? How much can we prevent?*2:30–3:00 pm – **Jan Lubiński** (Pomeranian Medical University, Poland): *Selenium and cancer.*3:00–3:30 pm – **Gillian Smith** (University of Dundee, UK): *Diet, lifestyle and genetic determinants of colorectal cancer risk: translational studies in Scotland.*3:30–3:45 pm – **Tamara Bakuradze** (University of Kaiserslautern, Germany): *Coffee consumption and DNA integrity.*3:45–4:00 pm – **Tomasz Chmiel** (Gdansk University of Technology, Poland): *Blue-berried honeysuckle, a promising cancer preventing fruit; Polish genotypes as a source of bioactive phytochemicals.*

4:00 pm

Coffee break

4:00 pm

Poster session II

7:00 pm

Get together party

Friday, June 26, 2015

9:00 am–10:45 am

Session IV: Novel approaches and targets for cancer prevention and control I

Chaired by: Shivendra V. Singh and Wanda Baer-Dubowska

9:00–9:30 am – **John DiGiovanni** (University of Texas at Austin, USA): *Targeting growth factor and inflammation signaling pathways for prevention of prostate cancer.*9:30–10:00 am – **Xiaolin Zi** (University of California, Irvine, USA): *Lysine specific demethylase 1 (LSD1) as a novel target for bladder and prostate cancer prevention and treatment.*10:00–10:30 am – **Chris Bakkenist** (University of Pittsburgh, USA): *Inhibition of ATR kinase activity for the treatment of lung cancer.*10:30–10:45 am – **Sebastian Kmiecik** (University of Warsaw, Poland): *Web server tools for structure-based therapeutic design: modeling of protein structure, flexibility, aggregation properties and interactions.*

10:45 am

Coffee break

11:00 am–12:45 pm

Session V: Novel approaches and targets for cancer prevention and control II

Chaired by: Rana P. Singh and Christopher Bakkenist

11:00–11:30 am – **Richard L. Eckert** (University of Maryland at Baltimore, USA): *Type II transglutaminase regulates $\Delta Np63a$ level to control epidermal squamous cell carcinoma stem cell survival.*11:30–12:00 am – **Rajesh Agarwal** (University of Colorado Denver, USA): *Challenges and success in basal cell carcinoma chemoprevention by small molecule silibinin.*

12:00–12:30 pm – **Shivendra V. Singh** (University of Pittsburgh Cancer Institute, USA): *Redox signaling in cancer prevention by dietary phytochemicals.*

12:30–12:45 pm – **Narczyz Knap** (Medical University of Gdansk, Poland): *Antiproliferative effects of cyclopentenone prostaglandins in highly metastatic osteosarcoma cell line.*

12:45 pm

Lunch

2:00 pm–3:45 pm

Session VI: Herbal and dietary agents in cancer prevention and treatment

Chaired by: Richard L. Eckert and Tarlochan Bhatt

2:00–2:30 pm – **Sunil Kaul** (National Institute of Advanced Industrial Science & Technology, Japan): *Molecular evidence to the preventive and therapeutic potentials of Ashwagandha leaves.*

2:30–3:00 pm – **Rana P. Singh** (Jawaharlal Nehru University New Delhi, India): *Mitochondria – a promising target in colon cancer prevention.*

3:00–3:30 pm – **De-Xing Hou** (Kagoshima University, Japan): *Dietary polyphenols target protein kinases for cancer chemoprevention.*

3:30–3:45 pm – **Ewa Toton** (Poznan University of Medical Sciences, Poland): *Zapotin (5,6,2',6'-tetramethoxyflavone) modulates the crosstalk between autophagy and apoptosis pathways in cancer cells with overexpressed constitutively active PKC ϵ .*

4:00 pm

Afternoon sightseeing of Gdańsk

Saturday, June 27, 2015

10:00 am–13:00 pm

Satellite panel discussion – Invited Speakers