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11th International Conference on

CANCER STEM CELLS AND ONCOLOGY RESEARCH

June 11-13, 2018 | Dublin, Ireland



Allied Academies

85 Great Portland St, Marylebone, London W1W 7LT, UK

Monday | June 11, 2018 | Day 1

Conference Hall : Tower Suite

08:00-09:00

REGISTRATIONS

09:00-09:20

OPENING CEREMONY

KEYNOTE FORUM

09:20-09:30

Introduction

09:30-10:05

Title: BCL-XL directly modulates RAS signalling to favour cancer cell stemness

Philippe Juin, Université de Nantes, France

10:05-10:40

Title: Cancer stem cells: Engine of therapy resistance & seeds of tumor recurrence

Dean G Tang, Roswell Park Cancer Institute, USA

Network & Refreshment Break 10:40-11:10

11:10-11:45

Title: Inflammatory cytokines, induced by ionizing radiation, reprogram non-tumorigenic cancer cells into cancer stem cells in breast cancer

Chann Lagadec, INSERM, France

Group Photo @ 11:45-12:00

Major Sessions:

Cancer Stem Cells | Breast Cancer Stem Cells | Prostate Cancer Stem Cells | Ovarian Cancer Stem Cells | Pancreatic Cancer Stem Cells | Lung Cancer Stem Cells | Cancer Stem Cells and Metastasis

Session Chair: Dean Tang, Roswell Park Cancer Institute, USA

Session co-Chair: Wei Qiang Gao, Shanghai Jiao Tong University, China

Session Introduction

12:00-12:20

Title: Angiogenin and plexin-B2 inhibition sensitizes prostate cancer stem cells to chemotherapy

Guo-fu Hu, Tufts University, USA

12:20-12:40

Title: Phage display library screening identifies novel binding peptides that preferentially target castration-resistant PSA-/lo prostate cancer stem cells

Kiera Rycaj, Roswell Park Cancer Institute, USA

Lunch Break 12:40-13:25

13:25-13:45	Title: Maintenance of cancer stem cells by microRNA Qien Wang, The Ohio State University Wexner Medical Center, USA
13:45-14:04	Title: Targeting Notch4 in ovarian cancer results in decreased number of cancer stem cells and increased survival when used in combination with cisplatin in pre-clinical models Elaine Hurt, MedImmune LLC, USA
14:05-14:25	Title: Metakaryotic cancer stem cells are constitutively resistant to x-rays and chemotherapeutic agents but sensitive to many common drugs: first clinical trial shows effectiveness of a metakaryocide against stem cells in human pancreatic tumors William G Thilly, Massachusetts Institute of Technology, USA
14:25-14:45	Title: Molecules targeting cancer stem cells Maithili Athavale, Godavari Biorefineries Ltd., India
14:45-15:05	Title: hTERT^{high} Numb^{-/low} state enriches a castration resistant prostate cancer cell subpopulation with tumor initiating capacity Helen He Zhu, Shanghai Jiao Tong University, China
15:05-15:25	Title: Drug resistant stem cells: Models for targeted therapy of breast cancer Nitin Telang, Palindrome Liaisons Consultants, USA

Network & Refreshment Break 15:25-15:45

15:45-16:05	Title: The constitution of cancer tissues: The properties and implication of cancer stem cells derived from patients' samples Xianming Mo, Sichuan University, China
16:05-16:25	Title: Isolation of cancer stem cells from cancer of unknown primary origin (CUP) and generation of a novel <i>in vivo</i> model of early, spontaneous and multiple metastases by subcutaneous transplantation Federica Verginelli, Candiolo Cancer Institute, Italy
16:25-16:45	Title: Integrated analyses identify a poor-prognosis subtype of hepatocellular carcinoma regulated by a core microRNA regulatory circuitry Jiangwen Zhang, The University of Hong Kong, China

Panel Discussion @ 16:45-17:00

Tuesday | June 12, 2018 | Day 2

Conference Hall : Tower Suite

09:00-09:15

REGISTRATIONS

KEYNOTE FORUM

09:15-09:50

Title: Identification of cancer stem cell (CSC) in its spatial context and immune environment through the application of cognitive and machine learning

Ralf Huss, Definiens, Germany

09:50-10:25

Title: Key regulators of symmetrical and asymmetrical division of epithelial cells in prostate development and tumorigenesis

Wei-Qiang Gao, Shanghai Jiao Tong University, China

10:25-11:00

Title: Epithelial cell adhesion molecule (EpCAM) as a CSC marker in prostate cancer chemo-/radio-resistance

Yong Li, University of New South Wales, Australia

Network & Refreshment Break 11:00-11:30

Major Sessions:

Cancer Stem Cells | Prostate Cancer Stem Cells | Colorectal Cancer Stem Cells | Therapies targeting Cancer Stem Cells | Cancer Genomics & Metabolomics

Session Chair: Yong Li, University of New South Wales, Australia

Session Co-chair: Maithili A Athavale, Sathgen Biotech, India

Session Introduction

11:30-11:50

Title: Development of novel miR-129 mimic with enhanced therapeutic potential to eliminate resistant colon cancer stem cells

Jingfang Ju, Stony Brook University, USA

11:50-12:10

Title: Role of miRNAs and YAP in the promotion of colorectal cancer stem cell self-renewal by the tight junction protein claudin-2

Frederic Hollande, The University of Melbourne, Australia

12:10-12:30

Title: Therapeutic stress induced cellular plasticity: A possible new mechanisms of therapeutic resistance in glioblastoma

Atique Ahmed, Northwestern University, USA

12:30-12:50

Title: Replication stress response in CSCs: molecular mechanisms and therapeutic implication

Ilio Vitale, Regina Elena National Cancer Institute, Italy

Lunch Break 12:50-13:35

13:35-13:55

Title: DOCK4 promotes loss of proliferation in glioblastoma progenitor cells through nuclear beta-catenin accumulation and subsequent miR-302-367 cluster expression

Thierry Virolle, Institut de Biologie Valrose (iBV), France

13:55-14:15

Title: CD44 variant 6 (CD44v6) as a cancer stem cell biomarker in prostate cancer progression and chemo-/radio-resistance

Jie Ni, University of New South Wales, Australia

14:15-14:35	<p>Title: NFATc2-SOX2 coupling supports cancer stem cells and mediates drug resistance of lung adenocarcinoma</p> <p>Maria Wong, The University of Hong Kong, China</p>
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14:35-14:55	<p>Title: Targeting the multidrug transporter Patched potentiates chemotherapy efficiency <i>in vitro</i> and <i>in vivo</i></p> <p>Isabelle Mus-Veteau, Université Côte d'Azur, France</p>
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Poster Presentation (P1-P7), Networking and Refreshment Break @ 14:55-15:40

Young Research Forum

15:40-16:00	<p>Title: Targeting CRC-SC for differentiation – a 3D screening system for differentiation therapies</p> <p>Mehreen Ahmed, School of Medicine, University of Nottingham, UK</p>
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16:00-16:20	<p>Title: Targeting CHK1 for eradicating colorectal cancer stem cells</p> <p>Gwenola Manic, Regina Elena National Cancer Institute, Rome, Italy</p>
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Panel Discussion @ 16:20-17:00

Wednesday | June 13, 2018 | Day 3

Conference Hall : Tower Suite

Major Sessions:
**Cancer Stem Cells and Haematopoietic Stem Cells in Leukaemia | Therapies targeting Cancer Stem Cells |
 Cancer Stem Cells in Brain Gliomas | Neuro Oncology**

Session Chair: Yong Li, University of New South Wales, Australia
Session Co-chair: Maithili A Athavale, Sathgen Biotech, India

Session Introduction

09:30-09:50	<p>Title: Testing the resilience of cancer stem cells to magnetic hyperthermia and heat-mediated drug delivery</p> <p>Soraia Fernandes, Italian Institute of Technology, Italy</p>
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09:50-10:10	<p>Title: CDK6-mediated suppression of CD25 is required for self-renewal of LSCs</p> <p>Miaofen Hu, Tufts Medical Center, USA</p>
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10:10-10:30	<p>Title: Magnetic nanocrystals and magnetic hyperthermia to tackle cancer stem cells</p> <p>Teresa Pellegrino, Italian Institute of Technology, Italy</p>
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Network & Refreshment Break 10:30-11:00

11:00-11:20	<p>Title: Neurotrophins receptors: New aggressiveness markers in Glioblastoma?</p> <p>Barbara Bessette, Université de Limoges, France</p>
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11:20-11:40	<p>Title: SETMAR in Glioblastoma: Splice variants and feedback network in controlling target genes expression</p> <p>Corinne Augé-Gouillou, University of Tours, France</p>
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11:40-12:00	<p>Title: TGF-β signaling is a novel therapeutic target for treating metastatic cancers acquired by EMT and cancer stemness</p> <p>Seong -Jin Kim, Seoul National University, Korea</p>
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12:00-12:20	<p>Title: Inhibitor of apoptosis proteins determine glioblastomas stem-like cells fate in an oxygen-dependent manner</p> <p>Aurélie Tchoghandjian, Axe Marseille Université, France</p>
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Young Research Forum

12:20-12:40	<p>Title: Study of cell reprogramming in a murine model: follow-up of radio-induced cancerous stem cells and validation of the cytokines involved</p> <p>Bidan Nadege, Inserm, France</p>
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12:40-13:00	<p>Title: <i>In-vivo</i> and <i>in-vitro</i> impact of miR-21 and miR-126 in the suppression of metastasis and invasion in breast cancer</p> <p>Sina Taefehshokr, Islamic Azad University, Tabriz, Iran</p>
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Lunch Break and Networking 13:00-14:00

Award & Closing Ceremony @ 14:00-15:00



BOOKMARK YOUR DATES

APRIL 15-17, 2019 | ROME, ITALY

12th International Conference on
**CANCER STEM CELLS AND
 ONCOLOGY RESEARCH**