3rd Cancer Diagnostics & Treatment Conference

November 29-December 01, 2018
Dublin, Ireland

S C I E N T I F I C   P R O G R A M
### Thursday, 29th November

**08:30-09:00** Registrations

**09:00-09:30** Introduction

**09:30-09:50** Coffee Break

**09:50-11:50** Meeting Hall 01

**MEETING HALL 01**

<table>
<thead>
<tr>
<th>Talks On:</th>
<th>Talks On:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cancer Diagnostics Tools, Technologies and Procedures</strong></td>
<td><strong>Cancer Radiology</strong></td>
</tr>
<tr>
<td>Laboratory tests (blood, urine, etc.)</td>
<td>Radiation Therapies &amp; Techniques</td>
</tr>
<tr>
<td>Imaging tests (X-ray, PET/CT, MRI, ultrasound, etc.)</td>
<td>Medical Imaging</td>
</tr>
<tr>
<td>Genomic testing</td>
<td>Nuclear Medicine</td>
</tr>
<tr>
<td>Biopsy</td>
<td>Curative Radiation Therapy</td>
</tr>
</tbody>
</table>

**11:50-13:10** Talks On: Cancer Diagnostics Tools, Technologies and Procedures

**13:10-13:15** Group Photo

**13:15-14:00** Lunch Break

**14:00-16:00** Meeting Hall 01

<table>
<thead>
<tr>
<th>Talks On:</th>
<th>Talks On:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cancer Biomarker</strong></td>
<td><strong>Cancer &amp; Biopsies</strong></td>
</tr>
<tr>
<td>Genetic biomarkers</td>
<td>Bone marrow aspiration and biopsy</td>
</tr>
<tr>
<td>Pathological biomarkers</td>
<td>Endoscopic biopsy</td>
</tr>
<tr>
<td>In silico biomarkers</td>
<td>Shave biopsy</td>
</tr>
<tr>
<td>Imaging biomarkers</td>
<td>Image-guided biopsy</td>
</tr>
<tr>
<td>Glycoprotein biomarkers</td>
<td>Vacuum-assisted biopsy</td>
</tr>
<tr>
<td>Leukemia/Lymphoma</td>
<td>Fine needle aspiration biopsy</td>
</tr>
</tbody>
</table>

**16:00-16:20** Coffee Break

**Young Researchers in Cancer Diagnostics Workshop**
<table>
<thead>
<tr>
<th>Time</th>
<th>MEETING HALL 01</th>
<th>MEETING HALL 02</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00-10:30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:30-10:50</td>
<td><strong>KEYNOTE LECTURES</strong></td>
<td></td>
</tr>
<tr>
<td>10:50-12:50</td>
<td><strong>MEETING HALL 01</strong></td>
<td><strong>MEETING HALL 02</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Talks On:</strong> Nanotechnology in Cancer Treatment</td>
<td><strong>Talks On:</strong> Clinical Cancer research</td>
</tr>
<tr>
<td></td>
<td>Diagnostic Methods</td>
<td>Cancer Therapy: Clinical</td>
</tr>
<tr>
<td></td>
<td>Drug Delivery</td>
<td>Personalized Medicine and Imaging</td>
</tr>
<tr>
<td></td>
<td>Heart Disease</td>
<td>Cancer Therapy: Preclinical</td>
</tr>
<tr>
<td></td>
<td>Nanorobots &amp; Therapy Methods</td>
<td>Biology of Human Tumors</td>
</tr>
<tr>
<td>12:50-13:35</td>
<td><strong>LUNCH BREAK</strong></td>
<td></td>
</tr>
<tr>
<td>13:35-15:55</td>
<td><strong>MEETING HALL 01</strong></td>
<td><strong>MEETING HALL 02</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Talks On:</strong> Cancer Vaccines and Therapeutics</td>
<td><strong>Talks On:</strong> Precision Medicine and Immuno-Oncology</td>
</tr>
<tr>
<td></td>
<td>Oncoviruses</td>
<td>NGS assay selection, validation and compliance</td>
</tr>
<tr>
<td></td>
<td>Oncolytic Viral Therapies</td>
<td>Coverage advanced diagnostics</td>
</tr>
<tr>
<td></td>
<td>Therapeutic Cancer Vaccines</td>
<td>Preclinical and translational immunooncology</td>
</tr>
<tr>
<td></td>
<td>HPV &amp; Hepatitis B vaccine</td>
<td>Immuno-oncology biomarkers and companion</td>
</tr>
<tr>
<td></td>
<td>Personalised Cancer Vaccines</td>
<td>Immunology and drug discovery</td>
</tr>
<tr>
<td>15:55-16:15</td>
<td><strong>COFFEE BREAK</strong></td>
<td></td>
</tr>
</tbody>
</table>

[https://cancerdiagnostics.insightconferences.com/](https://cancerdiagnostics.insightconferences.com/)
**SCIENTIFIC PROGRAM**

**Saturday, 01st December**

**DAY 3**

**Saturday, 01st December**

**09:00-10:30**

**Meeting Hall 01**

**KEYNOTE LECTURES**

**10:30-10:50**

**COFFEE BREAK**

**10:50-12:50**

**MEETING HALL 01**

**Talks On:**
- Cancer Immunotherapy and Types
  - Monoclonal antibodies
  - Adoptive cell transfer
  - Cytokines
  - Treatment Vaccines

**MEETING HALL 02**

**Talks On:**
- Cancer Treatment and Therapies
  - Hormone therapy
  - Blood and bone marrow transplant
  - Biologic therapy
  - Chemotherapy

**12:50-13:35**

**LUNCH BREAK**

**13:35-15:55**

**MEETING HALL 01**

**Talks On:**
- Molecular Diagnostics and Devices
  - Molecular diagnostics
  - Cancer molecular markers
  - Clinical NGS diagnostics
  - Molecular diagnostics for infectious disease
  - Next-generation sequencing as a diagnostics platform

**MEETING HALL 02**

**Talks On:**
- Molecular Medicine and Diagnostics
  - Coverage advanced diagnostics
  - Stem cell & regeneration
  - Molecular medicine, biology and pathology
  - NGS for infectious disease diagnostics
  - NGS assay selection, validation and compliance

**15:55-16:15**

**COFFEE BREAK**

**16:15-18:00**

**MEETING HALL 01**

- Young Researchers in Cancer Diagnostics & Treatment Conference
- Workshop
- Awards & Closing Ceremony

https://cancerdiagnostics.insightconferences.com/
3rd Cancer Diagnostics & Treatment Conference

November 29-December 01, 2018 Dublin, Ireland

Advancement of New Techniques and Tools in Cancer Diagnostics
Real-time molecular probe-directed intra-procedural biopsies’

Biography: Dr Mari Aparici, MD is a Professor in Clinical Radiology at UCSF. She is a Nuclear Physician with residencies in both Europe (Barcelona) and US (Stanford), and with Molecular imaging fellowships from Stanford University. She is a physician-scientist in the development of Molecular Imaging. She has about 20 years of clinical and research experience in the field, and 10 years of a leadership position as Chief Nuclear Medicine at the San Francisco VAMC as part of her faculty position at UCSF. She has published more than 100 papers in reputed journals and has been serving as an editorial board member of repute.

Carina Mari Aparici
University of California
San Francisco, USA

Peptides from POU domain of transcription factor Brn-2 display cytotoxic effect and inhibition of cell migration in B16F10-Nex2 and showed anti-melanoma activity in vivo

Biography: Denise Costa Arruda is graduated in Pharmacy from the Federal University of Santa Catarina (UFSC) (2000). PhD in Biology Sciences, University of São Paulo (ICB-USP) (2002-2007) with postdoctoral degree at the Experimental Oncology Unit - Discipline of Cell Biology, Federal University of São Paulo (UNIFESP) (2008-2014). Currently, she is a professor and researcher at the Integrated Nucleus of Biotechnology at University of Mogi das Cruzes. She has published 17 papers in reputed journals, some of them in collaboration with international research groups, and received awards for poster presentation in five international meetings.

Denise C. Arruda
Universidade de Mogi das Cruzes, Brazil

Combining 2D angiogenesis and 3D Osteosarcoma microtissues to improve

Biography: Hassan Chaddad has completed his Pharmacy degree from Lebanese International University (LIU) and his Masters in Pharmacology from USEK University and now he is doing his doctoral studies (PhD) from Strasbourg University Faculty of Medicine.

Hassan Chaddad
Strasbourg University
faculty of Medicine, France
Merkel Cell Carcinoma in an 82-year-old Filipino Male: A Case Report and Literature Review

Hydelene Dominguez  
*SLU-HOSPITAL of the SACRED Heart, Philippines*

**Biography:** Hydelene Dominguez has completed Doctor of Medicine at the age of 24 years old from School of Medicine, Saint Louis University, Baguio City, Philippines. She is presently a third year resident physician of the Department of Internal Medicine at SLU-Hospital of the Sacred Heart, Baguio City, Philippines.

Personalized Medicine (PM) as a Healthcare Model of the Newest Generation: from Today towards Tomorrow

Sergey V. Suchkov  
*Sechenov University, Russia*

**Biography:** Sergey Suchkov was born in the City of Astrakhan, Russia, in a family of dynasty medical doctors. In 1980, he graduated from Astrakhan State Medical University and was awarded with MD. In 1985, Suchkov maintained his PhD as a PhD student of the I.M. Sechenov Moscow Medical Academy and Institute of Medical Enzymology. In 2001, Suchkov maintained his Doctor Degree at the National Institute of Immunology, Russia. Dr Suchkov was a Secretary-in-Chief of the Editorial Board, Biomedical Science, an international journal published jointly by the USSR Academy of Sciences and the Royal Society of Chemistry, UK.

KYVOR’s CANLYTtx™ Platform helps Doctors Treat Cancer with Precision

Abilesh M Gunasekar,  
*Founder & CEO, Kyvor Genomics, USA*

**Biography:** An Inspiring life-sciences professional, Abilesh has a decade of experience in Medical informatics. Developed a keen interest in Personalized medicine, Cancer Genomics, drug discovery and earned his Masters degree in Medical informatics from the University of Manchester. He has been working on the technologies to personalize cancer treatments post his studies and went on to start this venture. He also worked on several bioinformatics methodologies and has identified a platform for effective cancer treatment. Abilesh is a go-getter and a creative soul wandering to explore new opportunities.
Genetic and epigenetic biomarkers for prostate cancer risk in New Zealand

Biography: Emeritus Professor Lynnette Ferguson obtained her DPhil. (Oxon.) from Oxford University in the United Kingdom, working on DNA damage and DNA repair, using yeast as a model system. After her return to New Zealand, she began working as part of the Auckland Cancer Society Research Centre (ACSRC), using mutagenicity testing as a predictor of carcinogenesis. In the year 2000, she became a full Professor and was invited to establish a new department at The University of Auckland, Nutrition & Dietetics. Since that time, she has split her appointment 50/50 between the ACSRC and The University of Auckland. She has investigated the interplay between genes and diet in the development of chronic disease, with particular foci on inflammatory bowel disease and prostate cancer. She has supervised more than 50 students and has more than 500 peer-reviewed publications. Professor Ferguson has served on the editorial boards of several major cancer-related journals.

Amber Valentine is a Speech-Language Pathologist who graduated from the University of Kentucky with her MS in Communication Disorders. She is a Board Certified Specialist in Swallowing and Swallowing Disorders and an International Board Certified Lactation Consultant. She recently received her credentials to become a Certified Neonatal Therapist (CNT). She worked for Baptist Health Systems, Inc for 8 years before moving to Florida where. She is now back in Kentucky working for Baptist Health Lexington. She has experience in adults & pediatrics with feeding and swallowing difficulties including: bedside swallow evaluations, Modified Barium Swallow studies, FEES, and pediatric feeding evaluations including NICU. She has experience with head and neck cancer patient including evaluation and treatment of swallowing difficulties, PMV use, and voice after total laryngectomy including TEP. She has presented at the hospital level, local, state, national, and international levels on pediatric feeding/swallowing and breastfeeding.

Speech Pathologists Role in Head and Neck Cancer

Biography: Amber Valentine is a Speech-Language Pathologist who graduated from the University of Kentucky with her MS in Communication Disorders. She is a Board Certified Specialist in Swallowing and Swallowing Disorders and an International Board Certified Lactation Consultant. She recently received her credentials to become a Certified Neonatal Therapist (CNT). She worked for Baptist Health Systems, Inc for 8 years before moving to Florida where. She is now back in Kentucky working for Baptist Health Lexington. She has experience in adults & pediatrics with feeding and swallowing difficulties including: bedside swallow evaluations, Modified Barium Swallow studies, FEES, and pediatric feeding evaluations including NICU. She has experience with head and neck cancer patient including evaluation and treatment of swallowing difficulties, PMV use, and voice after total laryngectomy including TEP. She has presented at the hospital level, local, state, national, and international levels on pediatric feeding/swallowing and breastfeeding.
SPEAKER SLOTS AVAILABLE
Metabolomic and array-based biomarker approaches to understand human exposure to potent carcinogenic fresh water toxins

Biography: Caroline Murphy completed her PhD from Trinity College Dublin in 2010. She is now an experienced post-doctoral researcher in the areas of molecular diagnostics, immunoassays and microfluidics in Dublin City University. She won a Technology, Innovation and Development award for her work involving the development of immunosensors towards harmful toxins. Caroline Murphy co-edited the book ‘Immunosensors, Development, Applications and Future Trends’, published by Pan Stanford Publishing, 2017. She is also senior scientist in the DCU campus company AbyBiotech, specialists in the production of high quality recombinant antibodies for biosensor-based platforms.

Caroline Murphy
Dublin City University, Ireland

Clinical Utility of Evaluating Fusion Genes in Solid Tumors using a 53 gene next-generation sequencing panel

Biography: Dr. Reddi is the Clinical Laboratory Director at The Jackson Laboratory in Farmington, CT. She came to JAX from Transgenomic Inc., where she held the role of Vice President for Clinical Operations and Clinical Laboratory Director. She earned her Ph.D. in Biotechnology from the International Center for Genetic Engineering & Biotechnology (ICGEB) and Hamdard University (New Delhi, India), and completed a fellowship with the Mayo Clinic (Rochester, MN) in Clinical Molecular Genetics. Dr. Reddi is an ABMGG-certified Molecular Geneticist with New York State accreditation for Genetic Testing and Tumor Markers and has 5+ years of experience in successfully leading CLIA/CAP accredited labs. Her research interests include cancer biology, viro-therapeutics and the genetics of somatic and inherited disorders.

Honey V Reddi
The Jackson laboratory for Genomic Medicine, USA

Investigating the nexus between DNA repair pathways and genomic instability in cancer

Biography: Dr. Bhattacharjee did her B.Sc in Biotechnology from Bangalore University in 2006 and M.Sc in Applied Genetics from Bangalore University in 2008. She then moved to England to pursue her DPhil (Phd) in Biochemistry from Oxford University where she studied the role of Fml1 and its partner proteins Mhf1 and Mhf2 in promoting genome stability. She was awarded her DPhil in 2012. During her time at Oxford, she was also a tutor at Greene’s College, Oxford. Her work has focused on understanding the epigenetic regulation of DNA repair. She is also an academic tutor at the Watson School of Biological studies, the school for graduate studies at CSHL.

Sonali Bhattacharjee
Cold Spring Harbor Laboratory
Development of a nanobiotechnological encapsulation platform as a drug delivery strategy for cancer treatment

Biography: Natalia Neto Pereira Cerize graduated with a degree in Pharmacy-Biochemistry from the Faculty of Pharmaceutical Sciences of the University of São Paulo; PhD from the Faculty of Pharmaceutical Sciences of Ribeirão Preto, University of São Paulo (2012), in the area of Medicines and Cosmetics. She is currently Researcher at the Technological Research Institute of the State of São Paulo at the BioNanomanufacturing Center and Chief of Industrial Biotechnology Laboratory. She develops projects related to nanocarriers and drug delivery systems for assets with applications in several areas: Pharmaceutical, Cosmetic, Veterinary, Chemistry. She has expertise in Pharmaceutical Technology, working mainly on the following topics: biotechnology, nanotechnology, controlled release of assets, nanostructured systems, nanoencapsulation and chemical processes. She is a Productivity Scholar Tec. and Innovative Extension 2 Researcher - CA 87 at CNPq

NEW UREASE INHIBITORS FROM FERULA NARTHEX BOISS.

Biography: Dr. Mahboob Alam currently working as an Assistant Professor at Department of Pharmacy, The University of Lahore Islamabad Campus Pakistan. His field of specialty is Pharmacognosy. His field of interest is natural products, drug discovery and biological assays.

The major Oncology Diagnostics tools and the role of oncologist to control the different types of cancer in the world

Biography: Mr. Muhammad Usman, Former Director General of Agricultural Research System, Government of Pakistan who retired from service after a spotless career of about 35 years with senior level experience on research and development of integrated agricultural production, industries, biotechnology and bioenergy on a sustainable way. Mr. Usman is basically an agricultural scientist with specialization of agricultural, food and biochemistry working on the yield and quality of various products and published several research papers.
Organizing Committee Members

**Sergey Suchov**  
I.M. Sechenov First Moscow State Medical University  
Russia

**Youhe Gao**  
Beijing Normal University  
China

**Thanos Mitrelias**  
University of Cambridge  
Hungary

**Sanjay Gupta**  
Case Western Reserve University  
USA

**Barbara Wollenberg**  
Department for Otorhinolaryngology  
Germany

https://cancerdiagnostics.insightconferences.com/
Yuanpeng Janet Huang
*Rutgers University, USA*

Sevgi Gezici
*Texas A&M University, USA*

John Wilson
*Cold Spring Harbor Laboratory, USA*

Steven Pelech
*Kinexus Bioinformatics Corporation, Canada*

Uma Shankavaram
*National Institutes of Health, USA*

Xusheng Wang
*St Jude Childrens Research Hospital, USA*

Hesham H. Ali
*University of Nebraska, USA*

Alexander Statsyuk
*Northwestern University, USA*

Dharani Das
*Healthy Environments and Consumer Safety Branch, USA*

Samson Jamesdaniel
*Wayne State University, USA*

Savitha Parur Venkitachalam
*Western Michigan University, USA*

Mounica Arias
*University of Antioquia, Colombia*

Boris Zaslavsky
*Cleveland Diagnostics, USA*

Stefan Kempa
*Berlin Institute for Medical Systems Biology - MDC Berlin, Germany*

Judit Ovádi
*Hungarian Academy of Sciences, Hungary*

Magnus S Magnusson
*University of Iceland, Iceland*

Marwa Eltoweissy
*University of Göttingen, Germany*

Nekane Guarrotxena
*Spanish National Research Council, Spain*

Alon Savidor
*Weizmann Institute of Science, Israel*

Federica Chiappori
*Istituto di Tecnologie Biomediche-Consiglio Nazionale delle Ricerche, Italy*

Mauro Baron
*Leica Microsystems, Italy*

Bart Devreese
*Ghent University, Belgium*

Amilcar Flores Morales
*University of Copenhagen, Denmark*

Jill Barber
*University of Manchester, UK*
<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pavel Vitámvás</td>
<td>Crop Research Institute, Czech Republic</td>
</tr>
<tr>
<td>Anna Shaliutina-Kolesova</td>
<td>University of South Bohemia Ceské Budejovice, Czech Republic</td>
</tr>
<tr>
<td>Hamdi Uysal</td>
<td>Ankara University, Turkey</td>
</tr>
<tr>
<td>Hana Ujcikova</td>
<td>Institute of Physiology-Czech Academy of Sciences, Czech Republic</td>
</tr>
<tr>
<td>Peter Nilsson</td>
<td>KTH-Royal Institute of Technology, Sweden</td>
</tr>
<tr>
<td>Peter Nilsson</td>
<td>KTH-Royal Institute of Technology, Sweden</td>
</tr>
<tr>
<td>Sara Motta</td>
<td>National Research Council, Italy</td>
</tr>
<tr>
<td>Patrícia Sampaio Tavares Veras</td>
<td>Gonçalo Moniz Research Center- FIOCRUZ, Brazil</td>
</tr>
<tr>
<td>Patricia Renard</td>
<td>University of Namur, Belgium</td>
</tr>
<tr>
<td>Alex Bayes</td>
<td>Biomedical Research Institute Sant Pau, Spain</td>
</tr>
<tr>
<td>Mario Looso</td>
<td>Max Planck Institute for Heart and Lung Research, Germany</td>
</tr>
<tr>
<td>Nadine Bongaerts</td>
<td>Delft University of Technology, Netherlands</td>
</tr>
<tr>
<td>Lydia Siragusa</td>
<td>Molecular Discovery Limited, UK</td>
</tr>
<tr>
<td>Thomas Schneider</td>
<td>Philip Morris International, Switzerland</td>
</tr>
<tr>
<td>Miguel Quintela-Fandino</td>
<td>Spanish National Cancer Research Center, Spain</td>
</tr>
<tr>
<td>Andreu Soldevila Fabrega</td>
<td>LeanBio, Spain</td>
</tr>
<tr>
<td>Alastair Waugh</td>
<td>3P Biopharmaceuticals, Spain</td>
</tr>
<tr>
<td>Carles Celma Lezcano</td>
<td>Kymos Pharma Services, Spain</td>
</tr>
<tr>
<td>Tiziana Bonaldi</td>
<td>European Institute of Oncology, Italy</td>
</tr>
<tr>
<td>Maria De Angelis</td>
<td>University of Bari Aldo Moro, Italy</td>
</tr>
<tr>
<td>Jasmina N Jovanovic</td>
<td>School of Pharmacy, UK</td>
</tr>
<tr>
<td>Huseyin Cimen</td>
<td>Yeditepe University, Turkey</td>
</tr>
<tr>
<td>Stefanie Wienkoop</td>
<td>University of Vienna, Austria</td>
</tr>
</tbody>
</table>

https://cancerdiagnostics.insightconferences.com/
PAST AFFILIATES

Tamar Geiger  
Tel Aviv University, Israel

David Sheehan  
University Cork College, Ireland

Martine Cadene  
Centre de Biophysique Moléculaire, France

Claudine S Bonder  
University of South Australia, Australia

Fuad Fares  
University of Haifa, Israel

Eunjoo Kim  
Daegu Gyeongbuk Institute of Science and Technology (DGIST), South Korea

Jaime Jacqueline Jayapalan  
University of Malaya, Malaysia

Serhiy Souchelnytskyi  
Qatar University, Qatar

Vadim Govorun  
Federal Research and Clinical Center of Physical-Chemical Medicine of Federal Medical Biological Agency, Russia

Akira Imaizumi  
Ajinomoto Co., Inc., Japan

Amilcar Perez-Riverol  
Sao Paulo State University, Brazil

Mohamad Khairi Zainol  
Universiti Malaysia Terengganu, Malaysia

Hasni Arsad  
Universiti Sains Malaysia, Malaysia

Carlos Eduardo A Souza  
Cisne University, Brazil

Diogo Ribeiro Demartini  
Laboratorio de Proteínas Tóxicas UNIPROTE-MS Centro de Biotecnologia – UFRGS, Brazil

Jamal Alruwaili  
Vice Dean Faculty of Applied Medical Sciences Northern Border University Arar, Saudi Arabia

Nadeem A. Kizilbash  
Northern Border University, Saudi Arabia

Chin Chiew Foan  
University of Nottingham, Malaysia

Jianshe Zhang  
Changsha University, China

John F Cipollo  
Center for Biologics Evaluation and Research-USFDA, USA

Wendy Sandoval  
Genentech, Inc. South San Francisco, USA

Xuequn Chen  
School of Medicine, Wayne State University, USA

Alan J. Tackett  
University of Arkansas for Medical Sciences, USA

https://cancerdiagnostics.insightconferences.com/
DUBLIN Attractions

- Christ Church Cathedral
- Dublin Bay
- Ha'penny Bridge
- Dublin Castle
- The National Wax Museum Plus
- Spire of Dublin
- Powerscourt Estate
- St Stephen's Green
- Phoenix Park
- Dublin Castle