

7th Global Insight Conference on
BREAST CANCER

September 20 - 21, 2022 at Barcelona, Spain



Login:

Meeting ID: 899 6402 4014
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Scientific Program

DAY
1

7th Global Insight Conference on
Breast Cancer
Tuesday



SEP 20, 2022

Hall Name: Sant Boi + Cornella

Day 1 - September 20, 2022

Moderator:
Karine Breckpot, Vrije Universiteit Brussel, Belgium

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

09:00 - 09:10 **Opening Ceremony & Moderator Speech**

Keynote Talks

09:10- 09:40 **Title: Annulling immune evasion in breast cancer by PI3K inhibitors or H1-antihistamines**
Yu Dihua, The University of Texas MD Anderson Cancer Center, USA

09:40- 10:10 **Title: CRISPR interference and activation of the microRNA-3662-HBP1 axis control triple-negative breast cancer progression**
Runa LIU, University of Alabama, USA

10:10 - 10:40 **Title: Immunological targeting of the oncogene tMUC1 leads to significant anti-tumor effects in breast cancer**
Pinku Mukherjee, UNC Charlotte, USA

Group Photo
10:40 - 10:55 Refreshment Break @ Foyer

Morning Session: Breast Cancer Screening & Diagnosis

Session Chairs:
Runa LIU, University of Alabama, USA
Alberto Izzott, University of Genoa, Italy

10:55 - 11:15 **Title: Quantitative Fluorescence Polarization Optical Cytology of Breast Cancer**
Anna N Yaroslavsky, University of Massachusetts, USA

11:15 - 11:35 **Title: Impact of COVID-19 and Socioeconomic Factors on Delays in High-Risk MRI Breast Cancer Screening**
Helena Teng, McMaster University, Canada

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11:35-11:55 Title: *In vitro* and *in vivo* estrogenic/ anti-estrogenic activity of selected triphenylethylene derivatives – chemistry meets biology
Jannette Wober, Technische Universitat Dresden, Germany

11:55-12:15 Title: HER2-Low Breast Cancers: New opportunities and Challenges
Huina Zhang, University of Rochester Medical Center, USA

12:15-12:35 Title: Breast Cancer Awareness Among Afghan Refugee Women
Mutlay Sayan, Harvard University, USA

12:35-12:55 Title: Novel pathogenic variants in *PALB2* and *BARD1* genes that associated with ER+ breast cancer in Saudi Population
Yusef Mohammed Rabaa Hawsawi, King Faisal Specialist Hospital and Research Centre, Saudi arabia

12:55 - 13:55 Lunch Break @ Restaurant

Session: Breast Cancer Research & Treatment

Session Chairs:

Huina Zhang, University of Rochester Medical Center, USA
Chen Guan, Medical College of Wisconsin, USA

13:55-14:15 Title: Assessing Tumor-Infiltrating Lymphocytes in Breast Cancer: Combining Immunohistochemistry and Gene Expression Analysis to Refine Scoring
Karine Breckpot, Vrije Universiteit Brussel, Belgium

14:15 - 14:35 Title: p38g integrates metabolic and immune signaling in breast tumorigenesis
Chen Guan & Xiao-Mei Qi, Medical College of Wisconsin, USA

14:35 - 14:55 Title: Prevention of breast cancer relapses by oxidizing drugs and microRNA modulation
Alberto Izzott, University of Genoa, Italy

14:55-15:15 Title: Antibiotic prophylaxis in breast surgery: a meta-analysis to identify the optimal strategy to reduce infection rates in breast surgery
Bader Nawaf Alali, Mubarak Al Kabeer Hospital, Ministry of Health, kuwait

15:15-15:35 Title: New therapeutic approaches in the treatment of triple-negative breast cancer
Krisztina Kovacs, University of Pécs, Hungary

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15:35-15:55 Title: Cancer biomarker in white blood cells – An enlighten technology for cancer screening

Charoenchai P., Chulalongkorn University, Thailand

15:55 - 16:05 Refreshment Break

16:05-16:25 Title: Metastatic Breast Cancer Presenting as Pulmonary Nodules and Right Axillary Lymph Node in a Male with Chronic Lymphocytic Leukemia

Jose Maria Acostamadiedo, University of Vermont, USA

16:25-16:45 Title: Achillea fragrantissima (Forssk.) Sch.Bip flower dichloromethane extract exerts anti-proliferative and pro-apoptotic properties in human triple-negative breast cancer (MDA-MB-231) cells *In vitro* and *in silico*

Zeyad Ibrahim Alehaideb, King Abdullah International Medical Research Centre, Saudi Arabia

16:45- 16:55 Refreshment Break

Virtual Session Through ZOOM
Time Zone: CEST - Barcelona Time (16:55 - 18:35)

16:55-17:15 Title:A bioinformatics analysis to investigate long non-coding RNAs mediated gene regulation in human breast invasive carcinoma

Giulia Fiscon, Sapienza University of Rome, Italy

17:15-17:35 In silico recognition of a prognostic signature in basal-like breast cancer patients

Federica Conte, IASI-CNR of Rome, Italy

17:35-17:55 Title: Hormonally-dependent gene expression involving the Stat5a/HDAC6/HMGN2 complex undergoes dynamic regulation and is exploitable in ER+ breast cancer

Charles V. Clevenger, Virginia Commonwealth University, USA

17:55-18:15 Title: Mutant ESR1 Receptors Cooperate with the Androgen receptor to drive metastatic progression

Suzanne A. W. Fuqua, Baylor College of Medicine, USA

18:15-18:35 Title: Diagnostic Utility of TRPS1 Immunohistochemistry in Primary and Metastatic Breast Carcinoma with Special Emphasis on Spindle Cell Neoplasms of the Breast

Silvat Sheikh-Fayyaz, Donald and Barbara Zucker School of Medicine, USA

Panel Discussion

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SEP 21, 2022

Day 2 - September 21, 2022

Virtual Session Through ZOOM

Time Zone: CEST - Barcelona Time (08:00-17:40)

08:00-08:20

Title: Gene dosage analysis on the single-cell transcriptomes linking cotranslational protein targeting to metastatic triple-negative breast cancer

Min Zhao, University of the Sunshine Coast, Australia

08:20-08:40

Title: Sentinel lymph node biopsy mapped with carbon nanoparticle suspensions in patients with breast cancer: Clinical advances and controversies

Junyuan Lv, The Affiliated Hospital of Zunyi Medical University, China

08:40-09:00

Title: Mining immune-related genes with prognostic value in the tumor microenvironment of breast invasive ductal carcinoma

Qiang He, Medical University, China

09:00-9:20

Title: Risk Factors of Brain Metastasis and Prognosis in HER2-Positive Breast Cancer: A Single-Institutional Retrospective Analysis from China

Shuang-long Cai, Provincial Clinical Medical College of Fujian Medical University, China

09:20-09:40

Title: Minimal Invasive Complete Duct Excision With Ultrasound-Guided Vacuum-Assisted Breast Biopsy: A Novel Technique For Pathological Nipple Discharge

Yinguang GAO, Capital Medical University, China

09:40-10:00

Title: A cooperation of CCR7 and CXCR4 ligand chemokines regulate breast cancer cell invasion and migration toward lymphatic vessels

Haruko Hayasaka, Kindai University, Japan

10:00-10:20

Title: Spatially-resolved laser-activated cell sorting for breast cancer biomarker discovery

Amos Chungwon Lee, Seoul National University, South Korea

10:20-10:40

Title: Adding features from Mathematical model of breast cancer to improve the Algorithms of machine learning

OPhir Nave, Jerusalem College of Technology, Israel

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SEP 21, 2022

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- 10:40-11:00 Title: A review of the endocrine resistance in hormone-positive breast cancer
Tsai-Ju Chien, National Yang-Ming Chiao Tung University, Taiwan
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- 11:00-11:20 Title: Hyperthermic intrathoracic chemotherapy for the treatment of malignant pleural effusion caused by breast and ovarian cancer: A systematic literature review and pooled analysis
Ioannis Karampinis, University of Mainz, Germany
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- 11:20-11:40 Title: Impact of doxorubicin on cell-substrate topology
Herbert Schneckenburger, Aalen University, Germany
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- 11:40-12:00 Title: Glabratephrin reverses doxorubicin resistance in triple negative breast cancer by inhibiting P-glycoprotein
Joanna Kopecka, University of Turin, Italy
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- 12:00-12:20 Title: SWIM: a network-based approach for human diseases
Paola Paci, Sapienza University of Rome, Italy
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- 12:20-12:40 Title: Breast cancer stem cell antigens as targets for immunotherapy and targeted therapies
Laura Conti, University of Turin, Italy
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- 12:40-13:00 Title: Preimplantation Genetic Testing for breast cancer
Oladapo Ashiru, Medical Art Center Clinic, Nigeria
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- 13:00-13:20 Title: Transcription and translation regulation work together during a luminal to basal transition of breast cancer cells
Tamara Fernández-Calero, Universidad Católica del Uruguay/ Institut Pasteur de Montevideo, Uruguay
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- 13:20-13:40 Title: Targeting ectopic Hsp90 with PET enabled Hsp90 inhibitors to noninvasively detect and treat metastatic breast cancer
Timothy Haystead, Duke University, USA
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SEP 21, 2022

13:40-14:00	Title: Impact of smoking cessation on survival of breast cancer patients Kareem Seoudy , University of Virginia, USA
14:00-14:20	Title: Tumor-Driving EGFR/K-RAS/SIAH Pathway Activation for Risk Stratifying Patients, Quantifying Therapy Efficacy, Detecting Cancer Disparity, Forecasting Tumor Relapse, and Predicting Patient Survival in Triple-Negative Breast Cancer Amy H. Tang , Eastern Virginia Medical School, USA
14:20-14:40	Title: Identification of distinct immune landscapes using multiplex immunofluorescence in paraffin tumor tissues Edwin R. Parra , The University of Texas, USA
14:40-15:00	Title: Achieving highly efficient breast ultrasound tumor classification with deep convolutional neural networks Pinki Roy , National Institute of Technology Silchar, India
15:00-15:20	Title: Hybrid metabolic phenotype and mitochondria-nuclear crosstalk can regulate breast cancer progression Benny Kaiparettu , Baylor College Of Medicine, USA
15:20-15:40	Title: .Impact of using median vs. mean in calculating ERBB2 FISH results in breast cancer Jianli Dong , University of Texas Medical Branch, USA
15:40-16:00	Title: Steroid receptor co-activator complexes regulate breast cancer stem cell pathways to drive therapy resistant ER+ breast cancer Julie Hanson Ostrander , University of Minnesota, USA
16:00-16:20	Title: Cyclin D1 Restrains Oncogene-Induced Autophagy by Regulating the AMPK–LKB1 Signaling Axis Richard G Pestell , Baruch S Blumberg Institute, USA
16:20-16:40	Title: Metabolic profiling and tracking phenotypic changes in mitochondria in cancer cells with Mitometer and the phasor approach to FLIM Michelle Digman , University of California Irvine, USA
16:40-17:00	Title: Src kinase/ CUB-domain containing protein 1/ protein kinase C delta pathway is active in a subset of triple-negative breast cancers and can be targeted Olga Razorenova , University of California, USA

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SEP 21, 2022

17:00-17:20 Title: 3D Culture Modeling of Paracrine Interactions between Triple Negative Breast Cancer Cells and Tumor Microenvironment: Lymphatic Networks and Stromal Fibroblasts

Ji, Kyungmin, Wayne State University, USA

17:20-17:40 Title: Association of Chemotherapy with Survival in Elderly Patients with Multiple Comorbidities and Estrogen Receptor-Positive, Node-Positive Breast Cancer

Nina Tamirisa, MD Anderson Cancer Center, USA

17:40 - 18:00 Title: Development of a TCR-Like Antibody and Chimeric Antigen Receptor Against NY-ESO-1/HLA-A2 for Cancer Immunotherapy.

Rongfu Wang, University of Southern California, USA

Closing Ceremony

WE WISH TO
SEE YOU AGAIN AT

8th Global Insight Conference on

BREAST CANCER

Sept 18-19, 2022 at Rome, Italy

Website URL: <https://gicbc.org/>

Email: breastcancer@innovinc.org



Innovinc International

5201 Great America Pkwy #320,
Santa Clara, CA 95054,
United States
Ph: +1-408-352-1010

Innovinc International

301, Sri Venkateswara Residency,
Balaji Nagar, Nizampet, Hyderabad,
TS, India. 500072
Ph: +918374242127