

II INTERNATIONAL CONFERENCE ON  
**CANCER RESEARCH AND  
TARGETED THERAPY**

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**October 26-28, 2017**

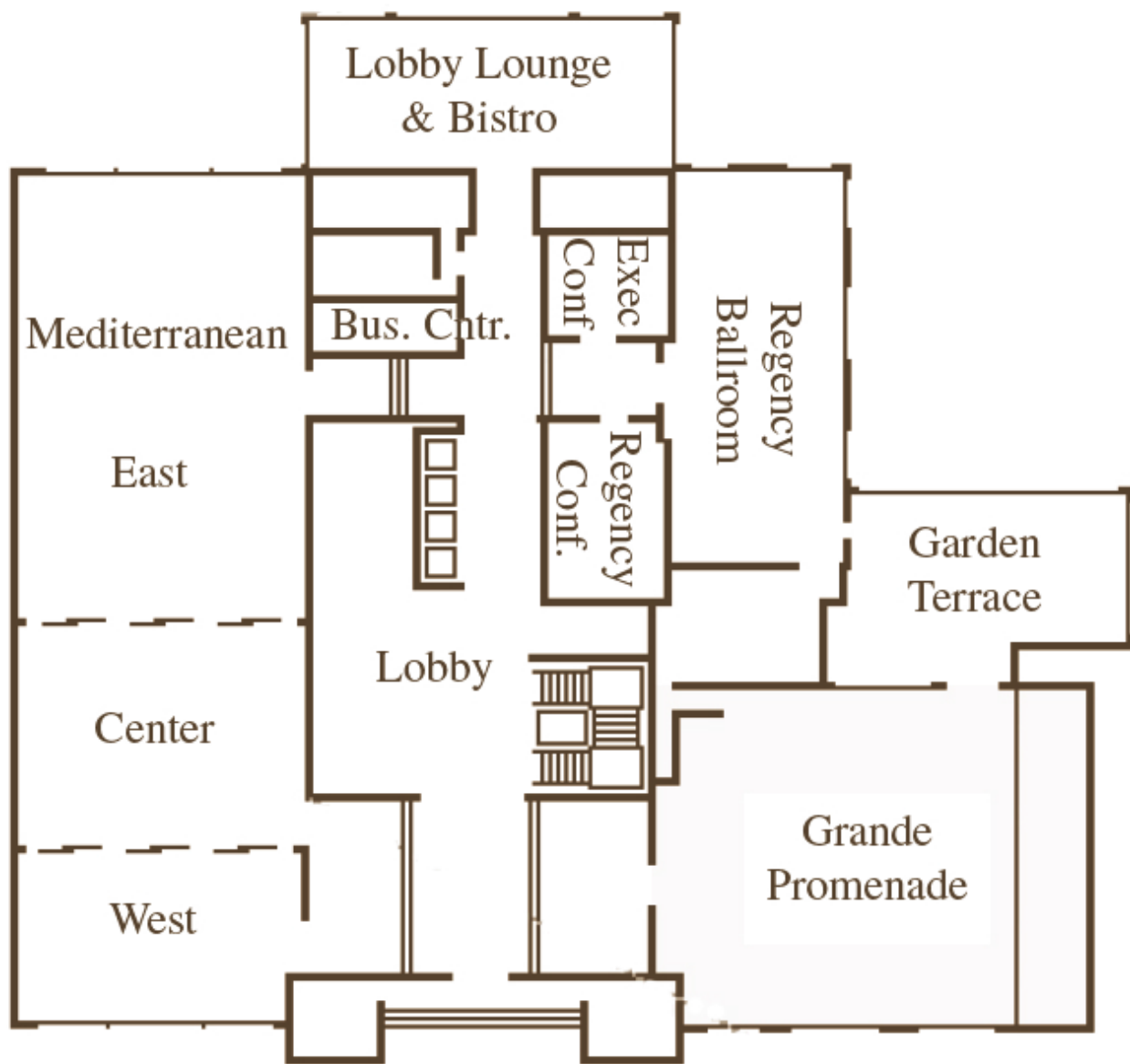
Venue

Miami Beach Resort  
4833 Collins Ave, Miami Beach  
Florida 33140  
USA

Day - 1

Day - 2

Day - 3



**Main Lobby Level**

# Day 1 | October 26, 2017

08:00-08:30 Registrations @ Grand Promenade Foyer

08:30-08:45 Introduction to CRT-2017

## *Keynote Session*

@ Regency Conference Room

08:45-09:45 **Hypothalamic Hormones: From Neuro-Endocrinology to Therapy of Cancer and Other Diseases**

Andrew V. Schally, University of Miami, FL, USA

09:45-10:15 **Mitochondrial Polymorphisms Regulate Metastatic Efficiency**

Danny R. Welch, The Kansas University Medical Center, KS, USA

10:15-10:30 *Coffee Break*

@ Grand Promenade

10:30-11:00 **Conversion of Androgen Receptor Signaling from a Growth Suppressor in Normal Prostate Epithelial Cells to an Oncogene in Prostate Cancer Cells Involves a Gain of Function in c-Myc Expression and DNA Replication Licensing**

John T Isaacs, The Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins, The Johns Hopkins School of Medicine, MD, USA

11:00-11:30 **Estrogens and Inflammation- New Insights into the Increased Risk of ER+ Post-Menopausal Breast Cancer with Obesity**

Joyce M. Slingerland, University of Miami Miller School of Medicine, FL, USA

11:30-12:00 **Epigenetic Approaches in Cancer Risk Assessment and Etiology**

Mukesh Verma, NIH/NCI, MD, USA

12:00-12:30 **TBA**

Shaker A. Mousa, The Pharmaceutical Research Institute, ACPHS, Albany, NY, USA

12:30-13:30 *Lunch Break*

@ Grand Promenade

13:30-14:00 **Smart Active Tumor Targeting Drug Delivery Systems**

Myron R. Szewczuk, Queen's University, Kingston, Ontario, Canada

14:00-14:30 **Clinical Implications of the GALNT14-rs9679162 Genotype Polymorphism – A Therapeutic Outcome Predictor for Multiple Gastrointestinal Cancers**

Chau-Ting Yeh, Director, Liver Research Center, Chang Gung Memorial Hospital, Taoyuan, Taiwan

14:30-15:00 **Biology of Cell-Free Nucleic Acids and Their Role in Initiation and Metastasis of Cancer**

Professor Indraneel (Neel) Mitra, Tata Memorial Centre, Advanced Centre for Treatment, Research & Education in Cancer (ACTREC), Mumbai, India

15:00-15:15 *Coffee Break*

@ Grand Promenade

- 15:15-15:45 **GPCR regulate RTK Transactivation in NSCLC**  
Terry W. Moody, NCI Center for Cancer Research, MD, USA
- 15:45-16:15 **TBA**  
PK Epling-Burnette, Moffit Cancer Center, FL, USA
- 16:15-16:45 **Beta-Arrestin 1 Targets in Nicotine-Mediated Lung Cancer Metastasis and Angiogenesis**  
Chellappan Srikumar, Moffitt Cancer Center & Research Institute, FL, USA
- 16:45-17:15 **Induction of Synthetic Lethality in Glioblastoma**  
Markus Siegelin, Columbia University Medical Center , USA
- 17:15-18:15 **WORKSHOP: NCI Workshop on Funding and Research Collaboration Opportunities**  
Mukesh Verma, NIH/NCI, MD, USA

## Day 2 | October 27, 2017

*Break Out - 1*

*@ Regency Ball Room*

### *The Cancer Cell and Cancer Microenvironment*

<b>Session Chairs</b>	<b>Appu Rathinavelu, College of Pharmacy, Nova Southeastern University, FL, USA Kenneth G. Hull, Baylor University, TX, USA</b>
08:00-08:20	<b>Scanning the Tumor Microenvironment for Targetable Mediators of Cancer Stem Cell Plasticity</b> Mark Jackson, Case Comprehensive Cancer Center, OH, USA
08:20-08:40	<b>Acidity as a Resistance Mechanism to Targeted Therapies in Cancer</b> Olivier Dormond, CHUV, Switzerland
08:40-09:00	<b>Detection of Tumors by PTPmu Molecular Imaging Agents</b> Susann Brady Kalnay, Case Western Reserve University, OH, USA
09:00-09:20	<b>Molecular Dissection of Heme Function in Lung Tumor Growth and Metastasis</b> Li Zhang, The University of Texas at Dallas, TX, USA
09:20-09:40	<b>MDM2 Oncogene: A New Biomarker for Metastatic Cancers</b> Appu Rathinavelu, College of Pharmacy, Nova Southeastern University, FL, USA
09:40-10:00	<b>Emerging Role of HPIP Signaling In Cancer Cell Survival, EMT and Metastasis under Metabolic Stress</b> Bramanandam Manavathi, University of Hyderabad, India
10:00-10:20	<b>Anti-Cancer Chemotherapeutics Having High Efficacy in Acidified Cancer Nests</b> Hiroshi Kobayashi, Chiba University, Japan

- 10:20-10:40** *Coffee Break* @ *Grand Promenade*
- 10:40-11:00 **PHGDH Defines a Metabolic Subtype in Lung Adenocarcinomas with Poor Prognosis**  
Erik Norberg, Department of Physiology and Pharmacology, Karolinska Institutet, Stockholm, Sweden
- 11:00-11:20 **Evaluation of Cytotoxicity of Phosphoethanolamine Drug toward Human Cancer Cell Lines**  
Herman Mansur, Federal University of Minas Gerais, Brazil
- 11:20-11:40 **SALL4 Is an Essential Regulator in MLL-Rearranged Leukemogenesis**  
Jianchang Yang, Dan L Duncan Cancer Center, Baylor College of Medicine, TX, USA
- 11:40-12:00 **Development of Novel Pateamine A Derivatives as First-In-Class Translation Initiation Inhibitors Targeting the Vulnerabilities of Cancer**  
Kenneth G. Hull, Baylor University, TX, USA
- 12:00-12:20 **Role of Aging-Associated Genes in Regulating Breast Cancer Malignancy**  
LuZhe Sun, University of Texas Health Science Center, TX, USA
- 12:20-13:20** *Lunch Break* @ *Grand Promenade*
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- Session chair** *LuZhe Sun, University of Texas Health Science Center, TX, USA*
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- 13:20-13:40 **Epigenetic Therapy for HPV-associated Cancer**  
Natalia Issaeva, Children's Cancer Institute, Lowy Cancer Research Centre, UNSW, Australia
- 13:40-14:00 **Cytoskeleton-Associated Proteins as Targets for Tumor Therapy**  
Sabine Windhorst, University Medical Center Hamburg-Eppendorf, Germany
- 14:00-14:20 **Enhancing the Efficacy of JAK2 Inhibitors for Myeloid Neoplasms**  
Gary W. Reuther, H. Lee Moffitt Cancer Center and Research Institute, Inc., FL, USA
- 14:20-14:40 **Anticancer Activities of Newer Tetraoxane Analogs**  
Satish K. Awasthi, University of Delhi, India
- 14:40-15:00 **1,2,3 Triazole Tethered Chalcone And Flavone Hybrids As Potential Cytotoxic & Antimicrobial Agents**  
Alka Agarwal, Banaras Hindu University, UP, India
- 15:00-15:20 **TBA**  
Asher Chanan Khan , Mayo Clinic Cancer Center, Jacksonville, FL USA
- 15:20-15:40** *Coffee Break* @ *Grand Promenade*
- 15:40-16:00 **The CBM Signalosome: Pathogenetic Role and Therapeutic Implications in Cancer**  
Marzenna Blonska, University of Miami Miller School of Medicine, FL, USA

- 16:00-16:20 **Renal toxicities in Targeted Therapies**  
Tendulkar Ketki, University of Nebraska Medical Center, NE, USA
- 16:20-16:40 **Engineering Pancreatic Cancer from Normal Human Tissue**  
Pei Wang, The University of Texas Health Science Center at San Antonio, TX, USA
- 16:40-17:00 **Ubiquitin Ligases as Drug Targets in Human Cancers**  
Chia-Hsin (Lori) Chan, Department of Pharmacological Sciences/Stony Brook University Cancer Center, The State University of New York at Stony Brook, USA
- 17:00-17:20 **Regulatory Role of ADAM10 Protease and Its Substrates in Pancreatic Cancer**  
Jaya Padmanabhan, Dept. of Tumor Biology, H. Lee Moffitt Cancer Center and Research Institute, FL, USA

**17:15-18:15 Poster Session**

**Break Out - 2**

**@ Regency Conference Room**

**Natural Products in Cancer Prevention and Therapy: Progress and Challenges**

- Session chair** **Anupam Bishayee, Larkin University, FL, USA**
- 08:00-08:15 **Introductory Welcome Talk**  
Gary M. Levin, Larkin University, FL, USA
- 08:15-08:35 **Pomegranate Phytochemicals Target Inflammatory Signaling to Confer Prevention of Mammary Carcinogenesis**  
Anupam Bishayee, Larkin University, FL, USA
- 08:35-08:55 **Anticancer Mechanisms of A Supercritical CO<sub>2</sub> Extract of Mango Ginger (*Curcuma Amada Roxb.*)**  
Steven J. Melnick, Nicklaus Children's Hospital, FL, USA
- 08:55-09:15 **Dietary polyphenols as epigenetic modulators: Progress and challenges**  
Sanjay Gupta, Case Western Reserve University & The Urology Institute, OH, USA
- 09:15-09:35 **An Immunomodulatory Role of Bitter Melon Extract in Inhibition of Head and Neck Squamous Cell Carcinoma Growth**  
Ratna B. Ray, Saint Louis University, MO, USA
- 09:35-09:55 **Targeting the Proteasome Pathway for Cancer Treatment: Lessons from Mother Nature**  
Rahul R. Deshmukh, LECOM-School of Pharmacy, FL, USA
- 09:55-10:15 **Targeting Glioblastoma Stem Cells with Curcumin and Curcumin Analogs**  
Regina Graham, University of Miami Miller School of Medicine, FL, USA
- 10:15-10:30 Coffee Break** **@ Grand Promenade**
- 10:30-10:50 **Targeting Growth Factors by the Cures of Mother Nature**  
Mukerrem Betul Yerer Aycan, Erciyes University, Turkey

- 10:50-11:10 **Nanoparticulate Drug Delivery in Cancer Therapy**  
Yesim Aktas, Erciyes University, Turkey
- 11:10-11:30 **Structural Activity Relationship Studies of Limonoids and their Derivatives as Potential Anti-Cancer Agents**  
Kalyan Venkata, College of Pharmacy, Larkin University, FL, USA
- 11:30-11:50 **Withaferin a Causes Reduction of Key Stem-Cell Regulators Inducing Neuroblastoma Differentiation**  
Gregor A. Rodriguez, University of Miami, FL, USA

**11:50-12:00 Discussion**

**12:00-13:00 Lunch Break @ Grand Promenade**

**Session Chairs** **Wael El-Rifai**, *Sylvester Comprehensive Cancer Center, University of Miami, FL, USA*  
**Myron R. Szewczuk**, *Queen's University, Kingston, Ontario, Canada*

- 13:00-13:20 **Functional Genomics in Gastroesophageal Cancer: Can We Target?**  
Wael El-Rifai, Sylvester Comprehensive Cancer Center, University of Miami, FL, USA
- 13:20-13:40 **Role of Dietary Broiler Chicken and Milk in the Causation of Breast Cancer- A study Conducted in Goa, India**  
Roque Gabriel Wiseman Pinto, Goa Medical College, Goa University, Goa, India
- 13:40-14:00 **NQO1-Mediated Reduction of the ALDH+ Cancer Stem Cell Phenotype Suppresses the Growth of Lung Cancer Cells**  
Erik A. Bey, West Virginia University, WV, USA
- 14:00-14:20 **Comparative Cytological Techniques in the Diagnosis of Non-Neoplastic and Neoplastic Bronchopulmonary Lesions**  
Meenakshi Gundewar, Nkp Salve Institute of Medical Sciences and Research Centre, Nagpur, India
- 14:20-14:40 **New Therapeutic Approaches to Tackling Bone Metastatic Disease**  
Conor C. Lynch, Moffitt Cancer Center, Tampa, FL, USA
- 14:40-15:00 **The Role of Simvastatin in Inhibiting Migration and Proliferation of Breast Cancer Cells through Rho/ROCK Signaling Pathway**  
Erwin Danil Yulian, University of Indonesia, Indonesia
- 15:00-15:20 **A New Strategy to Increase Proteotoxic Cell Death in Prostate Cancer**  
Carlos Perez-Stable, University of Miami Miller School of Medicine, FL, USA
- 15:20-15:40 Coffee Break @ Grand Promenade**
- 15:40-16:00 **TGF-B1 as A Prognosis Marker and Its Downregulation in Childhood Acute Lymphoblastic Leukemia Patients**  
Carlos Eduardo Coral de Oliveira, State University of Londrina, Brazil and Pontifical Catholic University of Parana, Brazil

- 16:00-16:20 **An Insight into Molecular Switch: Regulators of Cancer Stem Cells Fate**  
Thamil Selvee Ramasamy, University of Malaya, Malaysia
- 16:20-16:40 **Understanding Women's Choice of Mastectomy Versus Breast Conserving Therapy in Early-Stage Breast Cancer**  
Jeffrey Gu , University of Saskatchewan, SK, Canada
- 16:40-17:00 **Chemotherapy-Sensitizing Effects of Aspirin, Metformin and Oseltamivir Phosphate in Pancreatic Cancer**  
Bessi Qorri, Department of Biomedical and Molecular Sciences, Queen's University, Ontario, Canada
- 16:40-17:00 **Multimodal Targeting of Cancer Cell Heterogeneity to Improve Cancer Treatment Outcomes**  
Manpreet Sambhi, Queen's University, Ontario, Canada

**17:15-18:15 Poster Session**

## **Day 3 | October 28, 2017**

*@ Regency Conference Room*

### **Cancer Immunology & Organ Specific Cancer**

- Session Chair** M.N. VanSaun, *University of Miami Miller School of Medicine, FL, USA*
- 09:00-09:20 **Targeting the Neurotransmitter Receptor-Driven Regulation of Cancer Stem Cells in Cancer of the Lungs and Pancreas**  
Hildegard M. Schuller, Experimental Oncology Laboratory, College of Veterinary Medicine, University of Tennessee, TN, USA
- 09:20-09:40 **To Determine Whether Smoking, In Any Form, Is a Risk Factor in the Development of Cervical Cancer (CC) Among Urban Chinese Women**  
Jingmei Jiang, Peking Union Medical College, China
- 09:40-10:00 **Role of AMPK in Ovarian Cancer: An Immune Perspective**  
Ramandeep Rattan, Women Health Services, Henry Ford Hospital, MI, USA
- 10:00-10:20 **Disease Associated Sialoglycoproteins of Non-small Cell Lung Cancer**  
Sujata Ghosh, Post Graduate Institute of Medical Education & Research, India
- 10:20-10:40 **Inflammatory Biomarker in Predicting Breast Cancer Radiotherapy-Induced Early Adverse Skin Reactions**  
Jennifer J. Hu, University of Miami, FL, USA
- 10:40-11:00 Coffee Break** *@ Grand Promenade*



- 11:00-11:20 **Restoration of Anti-oncogene Th1 Responses in Breast Cancer**  
Krithika Kodumudi, Breast Oncology Program and Department of Immunology,  
H. Lee Moffitt Cancer Center, Tampa, Florida
- 11:20-11:40 **Blocking Mechanisms of Obesity Dependent Pancreatic Cancer Progression**  
M.N. VanSaun, University of Miami Miller School of Medicine, Sylvester  
Comprehensive Cancer Center, FL, USA
- 11:40-12:00 **The enhancement of Combination of Berberine and Metformin in Inhibition of DNMT1 Gene Expression through Interplay of SP1 and PDPK1 in Lung Cancer**  
Shou Wei Han, Guangzhou University of Chinese Medicine, China
- 12:00-12:20 **Roles of Fucosylation in Melanoma and Breast Cancer**  
Eric K. Lau, Moffitt Cancer Center, FL, USA
- 12:20-12:40 **Neuropeptide PRP-1 as a Potent Regulator of Tumor Suppressors and Oncoproteins in Human Chondrosarcoma**  
Karina Galoian, University of Miami, Miller School of Medicine, FL, USA
- 12:40-13:00 **Control of Differentiation in Lymphoma and Breast Cancer**  
Xin-Hai Pei, University of Miami Miller School of Medicine, FL, USA
- 13:00-13:20 **BikDD and Doxorubicin Delivery to AU565 Breast Cancer Cell line by Targeted Lipid Based Nanovesicles**  
Zeynep Busra Bolat, Department of Genetics and Bioengineering, Yeditepe  
University, Turkey
- 13:00-** *Lunch & Departure*

- P-01 Metabolomics in Predicting Radiotherapy-induced Normal Tissue-Toxicities in Breast Cancer Patients**  
Joshua J. Kleinman, University of Miami Miller School of Medicine, FL, USA
- P-02 Inflammatory Biomarker in Radiotherapy-Related Pain**  
Gavin Ajami, University of Miami School of Medicine, FL, USA
- P-03 CDK1 Promotes Angiogenesis via Regulating HIF-1 $\alpha$  Activity in MDM2 Overexpressed Prostate Cancer**  
Saad Alobid, College of Pharmacy, Nova Southeastern University, FL, USA
- P-04 F16 is a Novel New Candidate for Brain Tumors**  
Mohammad Algahtani, College of Pharmacy, Nova Southeastern University, FL, USA
- P-05 MDM2 Overexpressing Cancer Cell Lines Control MMPS Activity**  
Ali Alaseem, College of Pharmacy, Nova Southeastern University, FL, USA
- P-06 Evaluation of Antitumor Effects of a Novel Inhibitor of VEGFR-2 in a Colorectal Xenograft Model**  
Khalid Alhazzani, College of Pharmacy, Nova Southeastern University, FL, USA
- P-07 RPS3 Fucosylation in Melanoma Cell Biology**  
Gregory Watson, H. Lee Moffitt Cancer Center, FL, USA
- P-08 Evaluation of Crosstalk between FAK and MDR1 in Platinum Resistant Ovarian Cancer Cells**  
Keerthi Thallapureddy, Nova Southeastern University, Florida
- P-09 Check Point Inhibitor Technique to Treat Breast Cancer**  
E.L. Albuquerque, Universidade Federal do Rio Grande do Norte, Natal-RN, Brazil
- P-10 Quantum Biochemistry Approach to Investigate the Binding Energy Features of a Cilengitide RGD- Integrin Compound**  
U.L. Fulco, Universidade Federal do Rio Grande do Norte, Natal-RN, Brazil
- P-11 Essential Role of PI3K Alpha in Prostate Cancer Growth, Metabolism and Tumorigenesis and Its Regulation by the Ph Levels of the Tumour Microenvironment**  
Barzan A Sadiq, Babraham Institute, University of Cambridge, Cambridge, UK
- P-12 Targeting of Prostate Cancer with Polymeric Nanocarriers Labelled with PMSA-Binding Peptide**  
Ayca Ece Nezir, Department of Genetics and Bioengineering, Yeditepe University, Turkey

*We wish to Meet you again  
at CRT-2018  
August 6-8, London, UK*



**UNITED** | Scientific  
Group

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