

Scientific Program

Day – 1: Wednesday, December 13, 2017

Room DAC128			
09:00 – 10:30	Registration, Tea and Coffee		
10:30-10:35	Inaugural Speech Zhe-Sheng Chen		
10:35-10:45	Chief Guest Speech Simon Moller, Ph. D. Senior Vice Provost, St. John's University		
10:45-10:50	Vote of Thanks		
10:50:11:40 (50 min)	<u>Keynote Lecture – 1 (Chair: Dr. Vijaya Korlipara, Ph. D.)</u> Zhe-Sheng Chen, M.D., Ph. D. <i>Director of Institute for Biotechnology, St. John's University, Queens, NY, USA</i> Strategies for Reversing MDR in Cancer Cells by Targeting ABC Transporters		
11:45:13:00	Lunch at DAC 128 and Faculty Lounge		
13:05-13:55 (50min)	<u>Keynote Lecture–2 (Chair: Dr. Simon Moller)</u> Michael Marc Gottesman, M.D. <i>Deputy Director of National Institutes of Health, Bethesda, MD, USA</i> The Role of ABC Transporters in Anti-Cancer Drug Resistance		
13:55-14:20 (25 min)	<u>Plenary Lecture-1 (Chair: Dr. John Schuetz, Ph. D.)</u> Michael Dean, Ph. D. <i>Chief of the Laboratory of Translational Genomics, National Institutes of Health, Gaithersburg, MD, USA</i> Cervical Cancer as Model for Tumor Progression and Evolution		
14:20-14:45 (25 min)	<u>Plenary Lecture-2 (Dr. Suresh V. Ambudkar, Ph. D.)</u> Jianjie Ma, Ph. D. <i>Karl P. Klassen Chair in Thoracic Surgery, Department of Surgery Columbus, OH, USA</i> ATAP-Mediated Mitochondria Killing in Treatment of Apoptosis Resistant Cancers		
14:45 – 15:15	Tea / Coffee Break		
<u>Sessions – I: Cell Cycle and Apoptosis Mediated Cell Death</u> Location: DAC 128 Session Chairs: (Drs. S. Kojima and A.K. Tiwari)	<u>Sessions – II: Novel Tumor Diagnosis and Prevention Mechanisms</u> Location: Sullivan Hall (Café) Session Chairs: (Drs. H. Zhu and P. Ceppi)	<u>Sessions – III: Chemotherapeutic Drug Resistance</u> Location: SAH G021 (Sciarrà's Room) Session Chairs: (Drs. F. Amano and A. Roberts)	
15:15-15:35	<u>Session - I, Lecture – 1</u> Soichi Kojima <i>RIKEN Center for Life Science Technologies, Wako, Saitama 351-0198, Japan</i> Genomic and Nongenomic Actions of Acyclic Retinoid on Deletion of MYCN+CD133+ Liver Cancer Stem Cells	<u>Session - II, Lecture – 1</u> Bulent Ozpolat <i>The University of Texas-Houston-MD Anderson Cancer Center, Houston, TX, USA</i> Development of Novel Targeted Therapies for Highly Aggressive Cancers	<u>Session - III, Lecture – 1</u> Menachem Rubinstein <i>The Weizmann Institute of Science, Rehovot, Israel</i> Multidrug Resistance Revisited: A New Mechanism and a Possible Remedy

15:35-15:55	<p><u>Session - I, Lecture – 2</u> Zhi Shi <i>Jinan University, Guangzhou, Guangdong, China</i> Regulation of Cell Survival and Tumorigenesis by Cables1 Complex</p>	<p><u>Session - II, Lecture – 2</u> Paolo Ceppi <i>University Hospital Erlangen, Erlangen, Germany</i> A Novel Role for Thymidylate Synthase in Regulating EMT and Determining Tumor Aggressiveness</p>	<p><u>Session - III, Lecture – 2</u> Fumio Amano <i>Osaka University of Pharmaceutical Sciences, Osaka, Japan</i> Evaluation of Drug-Resistance Using 5-FU and CDDP-Resistant Mutants from a Human Gastric Scirrhus Cancer Cell Line, HSC-39</p>	
15:55-16:15	<p><u>Session - I, Lecture – 3</u> Banu Gürkan Köseoğlu <i>Istanbul University Department of Oral and Maxillofacial Surgery, Istanbul, Turkey</i> Medication-Related Osteonecrosis of the Jaw Associated with Bisphosphonates in Oncologic Patient</p>	<p><u>Session - II, Lecture – 3</u> Hirofumi Matsui <i>University of Tsukuba, Tsukuba, Japan</i> Mitochondrial Reactive Oxygen Species Accelerated Cancer Specific Porphyrin Accumulation to Enhance Photodynamic Therapeutic Effect in Gastric Epithelial Cells</p>	<p><u>Session - III, Lecture – 3</u> Andaleeb Sajid <i>Laboratory of Cell Biology, Center for Cancer Research, National Cancer Institute, National Institutes of Health, Bethesda MD 20892</i> What Can we Learn from Major Alteration of the Drug-Binding Pocket of Multidrug-Resistance-Linked P-Glycoprotein (ABCB1)?</p>	
			<p><u>Session-IV: Nanotechnology in Cancer Treatment</u> Location: SAH G021 (Sciarra's Room) Session Chairs: (Dr. W. Li and Dr. S.J. Beebe)</p>	
16:15-16:35	<p><u>Session - I, Lecture – 4</u> Amit Tiwari <i>Department of Pharmacology and Experimental Therapeutics, OH, USA</i> Unconventional Caspase-Independent Mechanisms to Target Drug Resistance</p>	<p><u>Session - II, Lecture – 4</u> Kurt S. Zänker <i>Institute of Immunology & Experimental Oncology, Witten, Germany</i> Repositioning Old Drugs for New Indications with Particular Reference to β-Blockers in Oncology</p>	16:20-16:40	<p><u>Session - IV, Lecture – 1</u> Weifen Zhang <i>Weifang Medical University, Weifang, China</i> Paclitaxel and Quercetin Nanoparticles Co-Loaded in Microspheres for Pulmonary Delivery</p>
16:35-16:55	<p><u>Session - I, Lecture – 5</u> Yongxiang Zhao <i>Sun-Yat-Sen University, Guangzhou, China</i> Collagen I Enhances the Efficiency and Anti-Tumor Activity of Dendritic-Tumor Fusion Cells</p>		16:40-17:00	<p><u>Session - IV, Lecture – 2</u> Stephen J. Beebe <i>Frank Reidy Research Center for Bioelectronics, 4211 Monarch Way, Suite 300, Old Dominion University, Norfolk VA, USA</i> Translational Research with Nanosecond Pulse Stimulation for Immunology Applications</p>
			17:00-17:20	<p><u>Session - IV, Lecture – 3</u> Shuyi Li <i>Laboratory of Controllable Nanopharmaceuticals, CAS Center for Excellence in Nanoscience; CAS Key Laboratory for Biological Effects of Nanomaterials and Nanosafety, National Center for Nanoscience and Technology, Beijing, P. R. China</i> Platinum-Based Nanopharmaceuticals Used to Reverse Cisplatin Resistance In vitro and In vivo</p>

Day 1 will have 2 Keynote Speakers, 2 Plenary Speakers and 15 Session Speakers

Day – 2: Thursday, December 14, 2017

DAC 416 A, B, C	
09:00 – 09:15	Taking Photos in the Front of the Sun-Yan-Sen Hall with Dr. Gempesaw (President of SJU)
09:15-09:40 (25 min)	<p style="text-align: center;"><u>Plenary Lecture-3 (Chair: Dr. Gary A. Piazza, Ph. D.)</u> Susan E. Bates, M.D. <i>Co-Director of Columbia Cancer Center, Columbia University, New York, NY, USA</i> Re-Examining the Role of ABC Multi-Drug Efflux Transporters in the Clinic</p>
09:40-10:05 (25 min)	<p style="text-align: center;"><u>Plenary Lecture-4 (Chair: Dr. Jason Chen, Ph. D.)</u> John Schuetz, Ph. D. <i>Vice-Chair of Pharmaceutical Sciences Department, St. Jude's Children Research Hospital, Memphis, TN, USA</i> An Unexpected Protein Interaction for ABCC4 Facilitates Hematopoietic Progenitor Self-renewal and Drug Resistance</p>
10:00-17:00	Poster Session DAC 412
10:05-10:30	Tea / Coffee Break DAC 412
10:30-10:55 (25 min)	<p style="text-align: center;"><u>Plenary Lecture-5 (Chair: Dr. Basil Regas, MD., DSc)</u> Gary A. Piazza, Ph. D. <i>Director, Experimental Therapeutics and Chemoprevention, University of South Alabama Mitchell Cancer Institute, Mobile, AL, USA</i> Novel PDE10 and WNT/β-Catenin Inhibitor for Colorectal Cancer</p>
10:55-11:20 (25 min)	<p style="text-align: center;"><u>Plenary Lecture-6 (Chair: Dr. Susan E. Bates, MD.)</u> Suresh V. Ambudkar, Ph. D. <i>Deputy Chief, Laboratory of Cell Biology, NCI, NIH, Bethesda, MD, USA</i> The Mechanism of Action of Multidrug Resistance-Linked P-Glycoprotein (ABCB1): Identification of Substrate Translocation Pathways</p>
11:20-11:45 (25 min)	<p style="text-align: center;"><u>Plenary Lecture-7 (Chair: Dr. Shaker Mousa, Ph. D.)</u> Tuan Vo-Dinh, Ph. D. <i>Director, Fitzpatrick Institute for Photonics, Departments of Biomedical Engineering and Chemistry, Duke University, Durham, NC 27708 USA</i> PlasmonicNanosystems: From Cancer Diagnostics to Photothermal Therapy and Immunotherapy</p>
11:45-13:00	Lunch- DAC 412 (4th Floor Hallway)
13:00-13:25 (25 min)	<p style="text-align: center;"><u>Plenary Lecture-8 (Chair: Jianting Zhang, Ph. D.)</u> Wei Li, Ph. D. <i>Director of UTCoP Drug Discovery Center, University of Tennessee health Science Center, Memphis, TN, USA</i> Discovery of Next Generation Anti-Tubulin Agents</p>
13:25-13:50 (25 min)	<p style="text-align: center;"><u>Plenary Lecture-9 (Chair: Dr. Mike Dean, Ph. D.)</u> Taosheng Chen, Ph. D., P.M.P. <i>Director, High Throughput Bioscience Center, St. Jude's Children Research Hospital, Memphis, TN, USA</i> Development of Novel Chemical Probes to Investigate the Function of PXR and CAR</p>
13:50-14:15	<p style="text-align: center;"><u>Plenary Lecture-10 (Chair: Tuan Vo-Dinh, Ph. D.)</u> Shaker A. Mousa, Ph.D., MBA, FACC, FACB <i>Vice Provost of Research, Albany College of Pharmacy and Health Sciences, Albany, NY, USA</i> Impact of Nanobiotechnology in Improved Cancer Management</p>
14:15-14:45	Tea / Coffee Break DAC 412

Sessions – V: Ovarian, Prostate, and Urologic Cancers Location: DAC 128 Session Chairs: (Drs. M. Rubinstein and Y.S. Zhu)		Session- VI: Chemotherapeutic Drug Discovery Location: DAC 416A Session Chairs: (Drs. A.M. Shneider and J. Wu)	Sessions – VII: Novel Tumor Diagnosis and Prevention Mechanisms Location: DAC 416B Session Chairs: (Drs. J.B. Bussel and A.B. D’Assoro)	Sessions – VIII: Lymph and Skin Related Malignancies Location: DAC 416C (Drs. M.L. Nickerson and Q. Si)
14:45-15:05	<u>Sessions – V, Lecture 1</u> Tim Oliver <i>Queen Mary University of London, London, UK</i> Circulating Tumor Cells and Circulating Megakaryocytes in Prostate Cancer Prognosis	<u>Sessions – VI Lecture 1</u> Tanaji Talele <i>St. John’s University, Queens, NY, USA</i> Comprehensive Synthesis of (S)-ValineThiazolePeptidomimeticAnalogues to Understand Enigmatic Drug-Binding Sites of P-Glycoprotein	<u>Sessions – VII, Lecture 1</u> James B. Bussel <i>Weill Medical College of Cornell University, New York, NY, USA</i> Thrombopoietic Agents: What We Do and Do Not Know	<u>Sessions – VIII, Lecture 1</u> Michael L. Nickerson <i>Laboratory of Translational Genomics, Bethesda, MD, USA</i> Pathogenic Germline Cancer Initiating Variants that Stratify Urologic Cancer Patients for Immunotherapy
15:05-15:25	<u>Sessions – V, Lecture 2</u> Yuan-Shan Zhu <i>Clinical and Translational Science Center, New York, NY, USA</i> New Insights in Molecular Basis of Anti-Androgen Therapy of Prostate Cancer by Estrogen Analogs	<u>Sessions – VI, Lecture 2</u> Jie Wu <i>University of Oklahoma Health Sciences Center, Oklahoma City, OK, USA</i> JAK Kinases in Tumor Immune Surveillance and Resistance to Immunotherapy	<u>Sessions – VII, Lecture 2</u> Antonino B. D’Assoro <i>Department of Medical Oncology at the Mayo Clinic, USA</i> OTCH3 Expression is Linked to Breast Cancer Cells Seeding and Development of Distant Metastases	<u>Sessions – VIII, Lecture 2</u> Daniela G. Seidler <i>Department of Gastroenterology, Hepatology and Endocrinology, Hannover, USA</i> Extracellular Matrix Molecules Modulate Migration of Melanoma Mells
15:25-15:55	<u>Sessions – V, Lecture 3</u> Evgenia Halkia <i>University Teaching Hospital “Attikon”, Athens, Greece</i> The Role of Cytoreductive Surgery (CRS) and HyperthermicIntra-peritoneal Chemotherapy in Epithelial Ovarian Cancer (EOC) Peritoneal Carcinomatosis	<u>Sessions – VI, Lecture 3</u> Pranav Gupta <i>St. John’s University, Queens, NY, USA</i> Targeting the Imatinib-Resistant BCR-ABL T315I Mutation in Chronic Myeloid Leukemia Through a Novel BCR-ABL Inhibitor	<u>Sessions – VII, Lecture 3</u> Darren R. Carpizo <i>Department of Surgery, New Brunswick, NJ, USA</i> Cellular Zinc Homeostatic Mechanisms Function as an Off Switch for Zinc Metallochaperone Mediated Reactivation of Mutant p53	<u>Sessions – VIII, Lecture 3</u> Paul R. Massey <i>The University of Texas at Austin, Austin, TX, USA</i> ABC Transporters in Skin Disease: An Opportunity for Drug Development
15:55-16:15	<u>Sessions – V, Lecture 4</u> Aus Tariq Ali <i>Tygerberg Hospital and Stellenbosch Faculty of Medicine and Health Sciences, Tygerberg, South Africa</i> Fertility Drugs and Ovarian Cancer	<u>Sessions – VI, Lecture 4</u> Dexin Kong <i>Tianjin Medical University, Tianjin, China</i> Discovery of PI3K Inhibitor ZSTK474 as an Anticancer Drug Candidate	<u>Sessions – VII, Lecture 4</u> Chong Cheng <i>The State University of New York, Buffalo, NY, USA</i> Functional Polylactide-Based Therapeutic Delivery Systems for Cancer Treatment	<u>Sessions – VIII, Lecture 4</u> Xinliang Mao <i>Soochow University, Suzhou, China</i> Targeting the USP5/c-MafAxle for the Treatment of Multiple Myeloma
16:15-16:35	<u>Sessions – V, Lecture 5</u> Zhiyong Ding <i>The University of Texas, MD Anderson Cancer Center, Houston, TX, USA</i> Identification of Cancer Biomarkers and Therapeutic Targets by Proteomics Approaches in ccRCC	<u>Sessions – VI, Lecture 5</u> Alexander M. Shneider <i>Cure Lab Oncology Inc., Dedham, MA, USA</i> P62-Encoding Plasmid as a Novel Class of Cancer Immunotherapeutic	<u>Sessions – VII, Lecture 5</u> Bolin Liu <i>University of Colorado Anschutz Medical Campus, Aurora, CO, USA</i> Therapeutic Targeting of erbB3 Receptor for Cancer Treatment	<u>Sessions – VIII, Lecture 5</u> Ming-Chang Wu <i>National Pingtung University of Science and Technology, Taiwan</i> Effect of Forsythia Suspensa on the Formation of Melanin and Apoptosis in Malignant Melanoma

16:35-16:55	<p><u>Sessions – V, Lecture 6</u> Hirendra Banerjee <i>Elizabeth City State University Campus of The University of North Carolina, Elizabeth City, NC, USA</i></p> <p>The Role of Non Coding RNA's in Prostate Cancer and Therapeutic Intervention by a Novel Peptide and Organometallic Rhenium Compounds</p>	<p><u>Sessions – VI, Lecture 6</u> Yongkui Jing <i>Shenyang Pharmaceutical University, Shenyang, China</i></p> <p>Targeted Therapy for Acute Myeloid Leukemia: from PML-RARα to FLT3-ITD</p>	<p><u>Sessions – VII, Lecture 6</u> Peng Li <i>Chinese Academy of Sciences, Guangzhou, China</i></p> <p>Toll-Like Receptor 2 Costimulation Potentiates the Antitumor Efficacy of CAR T Cells</p>	<p><u>Sessions – VIII, Lecture 6</u></p>
-------------	---	---	---	--

Day 2 will have 8 Plenary Speakers and 24 Session Speakers

Day – 3: Friday, December 15, 2017

10:00-17:00	Poster Session President's Room (Carnesecca Arena)		
Sessions – IX: Liver, Thyroid, Gastric, Lung, and Kidney Related Malignancies Location: 2-145 St. Augustine Hall Session Chairs: (Drs. J. Pan and J. Tarbell)	Sessions – X: Chemotherapeutic Drug Discovery Location: SAH G021 (Sciarra's Room) Session Chairs: (Drs. V. Dukhande and X. Mao)	Sessions – XI: Cancer Biology and Gene Regulation Location: Sullivan Hall (Café) Session Chairs: (Drs. C. Jin and S. Wang)	
09:00-09:20	<p><u>Sessions – IX, Lecture 1</u> Jingxuan Pan <i>State Key Laboratory of Ophthalmology, Guangzhou, China</i></p> <p>Neddylation Blockade Diminishes Hepatic Metastasis by Dampening Cancer Stem-Like Cells and Angiogenesis in Uveal Melanoma</p>	<p><u>Session -X, Lecture – 1</u> Benelita T. Elie <i>The City University of New York, Brooklyn, NY, USA</i></p> <p>Cancer Chemotherapeutics: Gold(I)-N-heterocyclic Carbene Motifs in Heterometallic Complexes</p>	<p><u>Session - XI, Lecture – 1</u> Frida Esther Kleiman <i>City University of New York – Hunter College, New York, NY, USA</i></p> <p>To Polyadenylate or Deadenylate: Another Cancer Challenger</p>
09:20-09:40	<p><u>Sessions – IX, Lecture 2</u> Wenwu Dong <i>The First Hospital of China Medical University, Shenyang, China</i></p> <p>Decreased Expression of Estrogen Receptor-β is Associated with Tumor Invasion and Metastasis in Estrogen Receptor-α Negative Human Papillary Thyroid Carcinoma</p>	<p><u>Session - X, Lecture – 2</u> Deniz Peker <i>Department of Pathology, Anatomic Pathology, Birmingham, AL, USA</i></p> <p>EZH2, the Maestro of the Cancer Symphony Orchestra. How Do We Silence this Unpleasant Performance?</p>	<p><u>Session - XI, Lecture – 2</u> Shanzhi Wang <i>University of Arkansas at Little Rock, Little Rock, AR, USA</i></p> <p>Dissecting the Roles of the Enzymatic and Scaffolding Functions of EXO1 in vivo</p>
09:40-10:00	<p><u>Sessions – IX, Lecture 3</u> Yingyan Yu <i>Shanghai Jiao Tong University School of Medicine, Shanghai, China</i></p> <p>Histological and Immunoscore Signatures of Immune-Checkpoint Inhibitors Against PD-1/PD-L1 on Gastric Carcinoma</p>	<p><u>Session - X, Lecture – 3</u> Hua Zhu <i>4173 Reedbury Lane, Columbus, OH, USA</i></p> <p>PTRF Suppresses the Progression of Colorectal Cancers</p>	<p><u>Session - XI, Lecture – 3</u> Myles Cabot <i>East Carolina University, Greenville, NC, USA</i></p> <p>Alterations in Sphingolipid Metabolism Attribute to Resistance to Cornerstone Acute Myeloid Leukemia Therapy</p>
10:00-10:20	<p><u>Sessions – IX, Lecture 4</u> John Tarbell <i>404C Steinman Hall, New York, NY, USA</i></p> <p>Heparan Sulfate Proteoglycans Mediate Renal Carcinoma Metastasis</p>		<p><u>Session - XI, Lecture – 4</u> Chunyuan Jin <i>Department of Environmental Medicine, New York, NY, USA</i></p> <p>Regulation of Chromatin Assembly by Cigarette Smoke Component Acrolein</p>

10:20-10:45	Tea/Coffee Break in Each Room		
Sessions – XII: Natural Products in Cancer Diagnosis and Treatment Location: 2-145 St. Augustine Hall Session Chairs: (Drs. J.-Y. Zhang and Z. Ding)	Sessions – XIII: Anesthetics, Opioids, and NSAIDs in Cancer Prevention and Treatment Location: SAH G021 (Sciarra's Room) Session Chairs: (Drs. J. Lin and T.D. McKee)	Sessions – XIV: Brain or CNS Related Malignancies Location: Sullivan Hall (Café) Session Chairs: (Drs. D. Sun and F.E. Kleiman)	
10:45-11:05	<u>Sessions – XII Lecture 1</u> Jian-ye Zhang <i>Guangzhou Medical University, Guangzhou, China</i> Anticancer Agents from Natural Products and Traditional Chinese Medicine	<u>Session - XIII, Lecture – 1</u> Jun Lin <i>Stony Brook Medical School, Stony Brook, NY, USA</i> Effects of Anesthetics on Cancer Cell Growth and Metastasis	<u>Sessions – XIV, Lecture 1</u> Dandan Sun <i>University of Pittsburgh, Pittsburgh, PA, USA</i> Roles of Na/H Exchanger in GBM Progression
11:05-11:25	<u>Sessions – XII, Lecture 2</u> Alexander Kornienko <i>Texas State University, San Marcos, TX, USA</i> Discovery of a Novel Tubulin-Targeting Scaffold Derived from the Rigidin Family of Marine Alkaloids	<u>Session - XIII, Lecture – 2</u> Jing Li <i>WuXi Biologics, 108 Meiliang Road. W, MaShanBinhu District, Wuxi 214092, China</i> A Successful Collaboration to Deliver Innovative Biologics Drug to Clinic Through the Integrated End-to-End Biologics Drug R&D Platform from WuXi Biologics	<u>Sessions – XIV, Lecture 2</u> Marc Symons <i>Feinstein Institute for Medical Research, Manhasset, NY, USA</i> Re-Educating Tumor-Associated Macrophages for Cancer Therapy
11:25-11:45	<u>Sessions – XII, Lecture 3</u> Peter W. Heger <i>Health Research Services Ltd/GmbH, Zeutern, Germany</i> Dry Extract of the Roots of Rheum Rhaponticum (ERr 731®) Potentially Protect from Invasive Breast Cancer	<u>Session -XIII, Lecture – 3</u> Chun Yang <i>20 East Brookline Street, Apartment 86, Boston, MA, USA</i> TBD Cancer Pain Medication – Rule of Alternation?	<u>Sessions – XIV, Lecture 3</u> David Guerrero <i>Children's Hospital of Philadelphia, 3401 Civic Center Blvd., Philadelphia, PA, USA</i> Nanocarrier-Based Delivery of a Camptothecin-Mitocan Codrug as an Experimental Strategy for Treating Chemosensitive and Chemoresistant Neuroblastoma
11:45-12:05		<u>Session - XIII, Lecture – 4</u> Trevor D. McKee <i>STTARR Innovation Centre, Princess Margaret Cancer Centre, University Health Network, Toronto ON, Canada</i> Development and Validation of a Platform for High Throughput Quantitative Digital Pathology Using Machine Learning for Tissue Cytometric Analysis on Immunostained Slides	
12:10-13:30	Lunch DAC 128		
13:30-13:35	Chief Guest Speech: Robert A. Mangione, Ph. D., Pharm D., ED.D. Provost and Vice President, St. John's University		
13:35-14:00 (25 min)	<u>Plenary Lecture-11 (Chair: Dr. Taosheng Chen, Ph. D.)</u> Pengbo Zhou, Ph. D. <i>Professor of Pathology and Laboratory Medicine, Weill Cornell Medicine, Cornell University, New York, NY, USA</i> Targeted Inhibition of the Cullin-RING 4 Ubiquitination Machinery in DNA Damage Repair and Tumorigenesis		
14:00-14:25 (25 min)	<u>Plenary Lecture-12 (Chair: Dr. Gary A. Pizaa, Ph. D.)</u> Basil Rigas, MD., DSc <i>Chief, Division of Cancer Prevention, Stony Brook University School of Medicine, Stony Brook, NY, USA</i> NSAIDs and the Chemoprevention of Colon Cancer		

14:25-14:50 (25 min)	<p align="center"><u>Plenary Lecture-13 (Chair: Lin Zhang, Ph. D)</u> Jian-Ting Zhang, Ph. D. <i>Andrew and Peggy Thomson Chair in Hematology/Oncology, Indiana University School of Medicine Indianapolis, IN, USA</i> Repurposing PPIs to Overcome Drug Resistance by Targeting FASN</p>
14:50-15:15 (25 min)	<p align="center"><u>Plenary Lecture-14(Chair: Dr. Hirofumi Matsui, Ph.D.)</u> Li Zhang, Ph. D. <i>Cecil H. and Ida Green Distinguished Chair in Systems Biology Science, The University of Texas at Dallas, Dallas, TX, USA</i> Heme and Mitochondrial Function in Non-Small Cell Lung Cancer</p>
15:15-15:45	Tea/Coffee Break
15:45-16:10 (25 min)	<p align="center"><u>Plenary Lecture-15 (Chair: Dr. Chao-Nan (Miles) Qian, Ph.D.)</u> Lin Zhang, Ph. D. <i>Professor of Cancer Pharmacology, University of Pittsburgh School of Medicine, Pittsburgh, PA, USA</i> Targeting Deficiencies in Cell Death Regulation in Colorectal Cancer</p>
16:10-16:35 (25 min)	<p align="center"><u>Plenary Lecture-16 (Chair: Dr. Marc Symons, Ph.D.)</u> Catharina Svanborg, Ph. D. <i>Senior Professor of Clinical Immunology, Lund University, Lund, Sweden</i> The HAMLET Peptide-Lipid Complex - A Novel Approach to Cancer Therapy</p>
16:35-17:00 (25 min)	<p align="center"><u>Plenary Lecture-17 (Chair: Dr. Tanaji T. Talele, Ph.D.)</u> Ke Ding, Ph. D. <i>Dean of College of Pharmaceutical Sciences, Jinan University, Guangzhou, China</i> Selective DDRs Inhibitors as Novel Therapeutic Agents for Human Cancers and Pulmonary Fibrosis</p>

Day 3 will have 7 Plenary Speakers and 21 Session Speakers

Day – 4: Saturday, December 16, 2017

Sessions – XV: Breast Cancer Location: DAC 416A Session Chairs: (Drs. P.A. Cohen and S. Thota)		Sessions – XVI: Novel Tumor Diagnosis and Prevention Mechanisms Location: DAC 416B Session Chairs (Drs. Z. Shi and J. Xing)	Sessions – XVII: Novel Tumor Diagnosis and Prevention Mechanisms Location: DAC 416C Session Chairs: (Drs. M. Markstein and S. Shukla)
09:00-09:20	<p align="center"><u>Sessions – XV Lecture 1</u> Wang Ju <i>Institute Bio-medicine of Jinan University, Guang Zhou, China</i> BMP-2 Induces EMT and Breast Cancer Stemness through Rband CD44</p>	<p align="center"><u>Session -XVI, Lecture – 1</u> Christoph Borchers <i>University of Victoria, Victoria British Columbia, Canada</i> iMALDI for Quantitation of the Expression and Phosphorylation Level of PI3K/AKT Pathway Involved Proteins in Tumor Tissues</p>	<p align="center"><u>Session - XVII, Lecture – 1</u> Tzipi Goldkorn <i>UCD School of Medicine, Davis, CA, USA</i> Defeat Smoking-Related Lung Cancer: Novel Molecular Mechanisms Leading to New Therapy</p>
09:20-09:40	<p align="center"><u>Sessions – XV Lecture 2</u> Pascale A. Cohen <i>ISPB, Faculté de Pharmacie, Lyon, France</i> The ZNF217 Oncogene is a Crucial Mediator and Indicator of the Bone Metastatic Process in Breast Cancer</p>	<p align="center"><u>Session - XVI, Lecture – 2</u> Chao-Nan (Miles) Qian <i>Sun Yat-sen University Cancer Center, Guangzhou, China</i> Developing Anti-Metastasis Drugs by Combining In vitro and In vivo Approaches</p>	<p align="center"><u>Session - XVII, Lecture – 2</u> Michele Markstein <i>University of Massachusetts Amherst, Amherst, MA, USA</i> A Drosophila Model to Overcome ABC Transporter Multidrug Resistance in Cancer Stem Cells</p>

09:40-10:00	<u>Sessions – XV Lecture 3</u> Sreekanth Thota <i>Center for Technological Development in Health (CDTS), Brazil</i> Development of Ru(II) Complexes: Next-Generation Anticancer Metallotherapeutics?	<u>Session - XVI, Lecture – 3</u> Arthur G. Roberts <i>College of Pharmacy, Athens, GA, USA</i> Solution Atom Force Microscopy of P-glycoprotein (Pgp) Reveals its Orientation and Conformation in a Lipid Bilayer	<u>Session - XVII, Lecture – 3</u> Suneet Shukla <i>Division of Biopharmaceutics, Office of New Drugs and Products, US Food and Drug Administration, Washington, DC, USA</i> Application of Mechanistic Oral Absorption Modeling to Predict In vivo Drug Disposition
10:00-10:20		<u>Session - XVI, Lecture – 4</u> Jianhua Xing <i>Department of Computational and Systems Biology, PA, USA</i> Targeting Temporal Dynamics of Microenvironmental Factors Halts Tumor Migration and Alleviates Effects of Dynamic Tumor Heterogeneity	<u>Session - XVII, Lecture – 4</u> Menachem Rubinstein <i>Department of Molecular Genetics, The Weizmann Institute of Science, Rehovot 7610000, Israel</i> Approved Asthma Drugs may Alleviate Toxic Side Effects of Chemotherapy
10:20-11:00	Closing Remarks, Award Distribution, Tea/Coffee Break Guest Speaker: Dr. Russell DiGate, Ph. D., Dean of College of Pharmacy and Health Sciences		
11:00-12:00	St. John's University Lab Visit (Animal Facility; Dr. Trombetta Chair of IAACUC)		
12:00~	Lunch at Faculty Lounge		

Day 4, we will have 11 Session Speakers