# Society of Chinese Bioscientists in America

## SCBA DC-Baltimore Chapter 2019 Annual Symposium Program

**University of Maryland College Park**  
Bioscience Research Building (Building 413), College Park, MD 20740

**Meeting Chairs:**  
- **Kai Ge, Ph.D.**, Senior Investigator, Adipocyte Biology & Gene Regulation Section, Laboratory of Endocrinology & Receptor Biology, NIDDK, NIH  
- **Hongbing Wang, Ph.D.**, Professor & Program Chair, Experimental and Translational Therapeutics, Pharmaceutical Sciences Department, University of Maryland School of Pharmacy  
- **Ling Hao, Ph.D.**, President, The Chinese Students & Scholars Association at the NIH; Fellow, Inherited Neurodegenerative Diseases Unit, NINDS, NIH.

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<td>8:00 – 9:00 am</td>
<td>Registration &amp; Breakfast</td>
<td>Hallway &amp; Class Room</td>
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<td>9:00 – 9:10 am</td>
<td>Welcome remarks by chapter president and symposium chairs</td>
<td>Main Auditorium</td>
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| 9:10 – 10:25 am | Session 1: Frontiers in metabolism and diseases  
Chairs: **Yihong Ye, Ph.D.**, Senior Investigator, National Institute of Diabetes & Digestive & Kidney Diseases, NIH  
**Wei Li, Ph.D.**, Senior Investigator, National Eye Institute, NIH  
“Living in the cold – adaptations of hibernation”  
**Liqing Yu, M.D. Ph.D.**, Professor, Dept of Medicine, University of Maryland School of Medicine  
“Lipid Droplet Lipolysis and Metabolic Disease”  
**Keynote Talk**  
**Chen Dong, Ph.D.**, Dean, Tsinghua University School of Medicine  
“T-lymphocytes in inflammation and cancer” | Main Auditorium |
| 10:25 – 10:45 am| Coffee break (20 min)                                                           | Class Room                |
| 10:45 – 11:45 am| Session 2: New insights in cancer biology  
Chairs: **Yun Qiu, Ph.D.**, Professor, University of Maryland School of Medicine  
**Xiaoyan Zheng, Ph.D.**, Assistant Professor, George Washington University Cancer Center | Main Auditorium |
| 10:45 – 11:00 am| **Rong Li, Ph.D.**, Professor and Chair, Dept of Biochemistry & Molecular Medicine, George Washington School of Medicine  
“Adipocyte PD-L1 Modulates Checkpoint Blockade Immunotherapy Efficacy in Breast Cancer” | Main Auditorium |
| 11:00 – 11:15 am| **Chunling Yi, Ph.D.**, Associate Professor, Dept of Oncology, Georgetown University  
“Hippo Signaling in Cancer” | Main Auditorium |
| 11:15 – 11:30 am| **Jin Xu, Ph.D.**, University of Maryland College Park  
“Loss of EZF1 induces cell death in docetaxel and enzalutamide monotherapy resistant cells - combined docetaxel and enzalutamide for therapeutic resistant prostate cancer.” (talk from proffered abstracts) | Main Auditorium |
| 11:30 – 11:45 am| **Zhong Chen, M.D., Ph.D.**, National Institute on Deafness and Other Communication Disorders, NIH  
“The Cancer Genome Atlas (TCGA) project and PanCancer Atlas of squamous cancers” (talk from proffered abstracts) | Main Auditorium |
<p>| 11:45 – 12:00 pm| Group Photo                                                                      | Main Auditorium           |</p>
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<td>Lunch Break</td>
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<td>12:30 – 2:00 pm</td>
<td><strong>Parallel Round Table Sessions</strong></td>
<td>Class Room</td>
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<tr>
<td>12:30 – 2:00 pm</td>
<td><strong>Round Table 1: The art of grant application</strong></td>
<td>Main Auditorium</td>
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<td>**Yali Fu, Ph.D., Program Director, Preclinical Therapeutic Grants</td>
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<td>Branch, National Cancer Institute, NCI</td>
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<td>**Laixi Wang, Ph.D., Professor, Dept of Chemistry &amp; Biochemistry,</td>
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<td></td>
<td>University of Maryland</td>
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<td>12:30 – 2:00 pm</td>
<td><strong>Round Table 2: Landing your first job in industry</strong></td>
<td>Class Room</td>
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<td>**Frank Li, M.D. Ph.D., Head of US operation and Senior Director</td>
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<td>of Regulatory Affairs, Ascentage Pharma Group</td>
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<td><strong>Dazhi Lai, Ph.D., Founder, SPEED Biosystems</strong></td>
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<td>1:30 – 3:00 pm</td>
<td><strong>Poster Session</strong></td>
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<td>3:00 – 4:30 pm</td>
<td><strong>Session 3: Young Investigator and Postdoc Research Highlights</strong></td>
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<td><strong>Chairs:</strong> **Xin Chen, Ph.D., Associate Professor, Johns Hopkins</td>
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<td>University**</td>
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<td><strong>Weiqun Peng, Ph.D., Professor, George Washington University</strong></td>
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<td>**Zheng Li, Ph.D., Senior Investigator, National Institute of Mental</td>
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<td>Health, NIH</td>
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<td>3:00 – 3:15 pm</td>
<td><strong>Bin Wu, Ph.D., Assistant Professor, Dept of Biophysics &amp; Biophysical Chemistry, Johns Hopkins University School of Medicine</strong></td>
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<td></td>
<td>“Visualizing translation dynamics of single mRNAs in live cells”</td>
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<td>3:15 – 3:30 pm</td>
<td><strong>Hongmei Mao, Ph.D., Children’s National Medical Center</strong></td>
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<td>“Fbxw7 Determines Cerebral Ventricular Size by Controlling Fate-specification of Developing Neural Stem Cells via Nf1-RAS-MAPK pathway” “ (talk from proffered abstracts)</td>
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<td><strong>Chongyi Chen, Ph.D., Investigator, Laboratory of Biochemistry and Molecular Biology, National Cancer Institute, NIH</strong></td>
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<td>“Single-cell Genomics: Genome Analyses by Linear Amplification via Transposon Insertion”</td>
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<td><strong>Lihui Wang, Ph.D., National Institute of Diabetes and Digestive and Kidney Diseases, NIH</strong></td>
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<td>“RPL26 Ufmylation Links Ribosome Quality Control to Endoplasmic Reticulum Homeostasis” (talk from proffered abstracts)</td>
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<td>4:00 – 4:15 pm</td>
<td><strong>Ying He, Ph.D., Assistant Professor, Department of Pharmaceutical Sciences, University of Maryland</strong></td>
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<td>&quot;Spinal Protein kinase C signaling mechanisms that mediate chronic pain in sickle cell disease&quot;</td>
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<td>4:15 – 4:30 pm</td>
<td><strong>Yang Gao, Ph.D., National Institute of Diabetes and Digestive and Kidney Diseases, NIH</strong></td>
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<td>“Structures and operating principles of the replisome” (talk from proffered abstracts)</td>
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**Silver Sponsor:** Sino Biological US, Inc.

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<td>NICHD/NIH</td>
<td>TR mutations mediate stem cell defects in the adult intestine in a mouse model of resistance to thyroid hormone</td>
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<td>Yuxin Hao</td>
<td>Georgetown University</td>
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<td>Binbin Lai</td>
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<td>NCI/NIH</td>
<td>RAF/MAPK pathway and autophagy cooperate to maintain KRAS mutant cancer cell survival</td>
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<td>6</td>
<td>Chao Li</td>
<td>University of Maryland</td>
<td>Versatile α1,2-Fucosidase Mutants Enable Direct Site-Specific Glyco-Engineering and Functionalization of Biologically Important Glycoconjugates</td>
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<td>Structural basis of transcription attenuation mediated by higher-order tRNA-mRNA interactions</td>
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<td>Yinghua Li</td>
<td>Children's National Medical Center</td>
<td>Single-cell derived murine models of IDH-wild type glioblastoma exhibit a unique evolutionary pattern with spatial segregation of tumor initiation and manifestation</td>
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<td>Johns Hopkins University</td>
<td>Mitochondrial dysfunction perturbed H3K27ac at active enhancers for environmentally-linked Parkinson's disease</td>
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<td>Haibin Liu</td>
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<td>Genome-wide effect of a long noncoding RNA Inc-FANCI-2 on gene expression in cervical cancer cells</td>
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<td>Lulu Yu</td>
<td>NCI/NIH</td>
<td>Oncogenic splicing factor SRSF3 regulates ILF3 alternative splicing to promote cancer cell proliferation and transformation</td>
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**VENUE & LOGISTICS**

Meeting venue information

**Venue:** UMC Bioscience Research Building (Building 413 in the map below), College Park, MD 20740

**Parking:** Regents Drive Garage (Building 202 in the map below). Parking is free on weekend at un-numbered spots. 8056 Regents Drive, College Park, MD 20742

**Rooms:**
- **Main auditorium (Room BRB1101):** Scientific sessions, round table discussion #1
- **Class room (BRB1103):** Breakfast, lunch, coffee/snacks, round table discussion #2
- **Hallway:** poster session