



# 美洲華人生物科學學會



## Society of Chinese Bioscientists in America

### SCBA DC-Baltimore Chapter 2020 annual meeting

Friday 1-6:30PM December 11, 2020

Saturday 1-6:30PM December 12, 2020

Via Zoom

**Meeting organizers:** **Zhe Han, Ph.D.**, Director, Center for Precision Disease Modeling, University of Maryland School of Medicine  
**Yihong Ye, Ph.D.**, Senior Investigator, NIDDK, NIH  
**Yi Ding, Ph.D.**, President, The Chinese Students & Scholars Association, NIH

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12:30pm	<b>Speaker/chair check in breakout room 1 and audio/video test</b>
13:00pm	<b>Welcome Remarks by Chapter President</b> <b>Yang Liu, Ph.D.</b> <a href="mailto:YaLiu@ihv.umaryland.edu">YaLiu@ihv.umaryland.edu</a> Professor, Director, Division of Immunotherapy, Institute of Human Virology, University of Maryland School of Medicine
13:10pm	<b>Session 1: Disease Model and Mechanism</b> <b>Chairs: Hongbing Wang,</b> <a href="mailto:Hongbing.Wang@rx.umaryland.edu">Hongbing.Wang@rx.umaryland.edu</a> Ph.D., Professor, University of Maryland School of Pharmacy;
13:10pm (15+5min Q&A)	<b>Wanjun Chen, Ph.D.</b> , Senior Investigator, NIDCR, NIH "Negative Forces for Cancer Immunotherapy" <a href="mailto:wchen@dir.nidcr.nih.gov">wchen@dir.nidcr.nih.gov</a>
13:30pm (15+5min Q&A)	<b>Zhe Han, Ph.D.</b> , Associate Professor, Department of Medicine, University of Maryland School of Medicine "Precision disease modeling in <i>Drosophila</i> " <a href="mailto:zhan@som.umaryland.edu">zhan@som.umaryland.edu</a>
13:50pm (15+5min Q&A)	<b>Feng Qian, Ph.D.</b> , Associate Professor, Department of Medicine, University of Maryland School of Medicine "Tubular morphology and polycystic kidney disease" <a href="mailto:fqian@som.umaryland.edu">fqian@som.umaryland.edu</a>
<b>14:10 – 14:15 am</b>	<b>Break (5 min)</b>
14:15 – 2:55 pm	<b>Session 2: New frontiers in Neuroscience</b> <b>Chairs: Jiou Wang, Ph.D.</b> , Associate professor of biochemistry and molecular biology, Johns Hopkins University School of Medicine; <a href="mailto:jiouw@jhu.edu">jiouw@jhu.edu</a>
14:15pm (15+5min Q&A)	<b>Quan Yuan, Ph.D.</b> , Stadtman Investigator, Dendrite Morphogenesis and Plasticity Unit, NINDS, NIH "Structural Homeostasis in Dendrite Development"

	<a href="mailto:quan.yuan@nih.gov">quan.yuan@nih.gov</a>
14:35pm (15+5min Q&A)	<b>Shuying Sun, Ph.D.</b> , Assistant Professor, Department of Pathology, Johns Hopkins University School of Medicine “CRISPR-Cas9 screens to identify modifiers of neurodegenerative diseases” <a href="mailto:Shuying.Sun@jhmi.edu">Shuying.Sun@jhmi.edu</a>
14:55pm (15+5min Q&A)	<b>Wei Lu, Ph.D.</b> , Stadtman Investigator, Synapse and Neural Circuit Unit, NINDS, NIH “An auxiliary subunit assists GABAA receptors and hypnosis” <a href="mailto:wei.lu4@nih.gov">wei.lu4@nih.gov</a>
<b>15:15– 15:30 pm</b>	<b>Break (15min)</b>
15:30-16:50pm	<b>Session 3: Molecular and Cellular Mechanisms</b> <b>Chair: Hong Xu, Ph.D.</b> , Senior Investigator, Systems Biology Center, NHLBI, NIH <a href="mailto:hong.xu@nih.gov">hong.xu@nih.gov</a>
15:30pm (15+5min Q&A)	<b>Jinwei Zhang, Ph.D.</b> , Stadtman investigator, NIDDK, NIH “Noncoding RNA structures and interactions in cellular stress responses” <a href="mailto:jinwei.zhang@nih.gov">jinwei.zhang@nih.gov</a>
15:50pm (15+5min Q&A)	<b>Haiming Cao, Ph.D.</b> , Stadtman investigator, NHLBI, NIH “ <i>In Vivo</i> functional analysis of non-conserved human lncRNAs associated with cardiometabolic traits” <a href="mailto:haiming.cao@nih.gov">haiming.cao@nih.gov</a>
16:10pm (15+5min Q&A)	<b>Shuo Gu, Ph.D.</b> , Stadtman investigator, NCI, NIH “A tale of tails: How 3’ uridylation alters miRNA function” <a href="mailto:shuo.gu@nih.gov">shuo.gu@nih.gov</a>
16:30pm (15+5min Q&A)	<b>Jie Xiao, Ph.D.</b> , Professor of Biophysics, Johns Hopkins University “Single molecule studies of bacterial cytokinesis in time and space” <a href="mailto:xiao@jhmi.edu">xiao@jhmi.edu</a>
17:00 – 18:30pm	<b>Parallel Breakout Room Discussions and Social Time</b> <b>Breakout Room 2: Grant applications/reviewing under the pandemic</b> <b>Huiqing Li, Ph.D.</b> , Program Officer, National Heart Lung and Blood Institute (NHLBI), NIH <a href="mailto:Huiqing.li@nih.gov">Huiqing.li@nih.gov</a>  <b>Xincheng Zheng, M.D., Ph.D.</b> , Program Director, National Institutes of Arthritis and Musculoskeletal and Skin diseases (NIAMS), NIH <a href="mailto:xchzheng@gmail.com">xchzheng@gmail.com</a>  <b>Zhe Han, Ph.D.</b> , Associate Professor, Department of Medicine, University of Maryland <a href="mailto:zhan@som.umaryland.edu">zhan@som.umaryland.edu</a>

**Breakout Room 3: Career development under the pandemic**

**Frank Li, Ph.D.**, Founder & Principle Consultant, BLA Regulatory, LLC  
[frankli@cba-usa.org](mailto:frankli@cba-usa.org)

**Judy Yu, Ph.D.**, Director, Medical Diagnostics, AstraZeneca  
[judy.yu@cba-usa.org](mailto:judy.yu@cba-usa.org)

**Ling Hao, Ph.D.**, Assistant professor, George Washington University  
[linghao@email.gwu.edu](mailto:linghao@email.gwu.edu)

**Yihong Ye, Ph.D.**, Senior investigator, NIDDK, NIH  
[yihongy@mail.nih.gov](mailto:yihongy@mail.nih.gov)

**Breakout Rooms 4-6: Meet the speakers (This offers PIs and fellows a chance to meet the speakers).**

**Breakout Rooms 7-10: Social Zones (Please enter to have fun)**

**Breakout Rooms 11-16: Empty**

<b>Day 2</b>	<b>Saturday Dec. 12 13:00PM-6:30PM</b>
<b>13:00</b>	<b>Introduction of keynote speaker by Dr. Zhe Han</b>
13:10– 13:55pm	<b>Keynote Speech</b> <b>Hao Wu, Ph.D.</b> , Asa and Patricia Springer Professor, Department of Biological Chemistry and Molecular Pharmacology, Harvard Medical School; Program in Cellular and Molecular Medicine, Boston Children's Hospital "Inflammasomes in health and disease" <a href="mailto:wu@crystal.harvard.edu">wu@crystal.harvard.edu</a>
14:00- 15:00pm	<b>Session 4: Technology and Drug Development</b> <b>Chairs: Kai Ge, Ph.D.</b> , Senior Investigator, Adipocyte Biology & Gene Regulation Section, NIDDK, NIH <a href="mailto:kaig@niddk.nih.gov">kaig@niddk.nih.gov</a>
14:00pm (15+5min Q&A)	<b>Ling Hao, Ph.D.</b> , Assistant Professor, Department of Chemistry, George Washington University "Advancing Mass Spectrometry-based Omics Strategies to study Neurodegeneration" <a href="mailto:linghao@email.gwu.edu">linghao@email.gwu.edu</a>
14:20pm (15+5min Q&A)	<b>Fengtian Xue, Ph.D.</b> , Associate Professor, University of Maryland School of Pharmacy "Small molecule therapeutics targeting BCL6 BTB domain" <a href="mailto:fxue@rx.umaryland.edu">fxue@rx.umaryland.edu</a>
14:40pm (15+5min Q&A)	<b>Bin Wu, Ph.D.</b> , Assistant professor, Johns Hopkins University "A very fast light inducible CRISPR/CAS9 system for genome editing" <a href="mailto:bwu20@jhmi.edu">bwu20@jhmi.edu</a>
15:00pm	<b>Break 10min</b>
15:10-17:10pm	<b>Session 5 COVID-19: From Cell Biology to Therapeutics</b> <b>Chairs: Richard Zhao</b> , Professor of virology, University of Maryland, <a href="mailto:rzhao@som.umaryland.edu">rzhao@som.umaryland.edu</a> <b>Zhiming Zheng</b> , Senior investigator NCI, <a href="mailto:zhengt@exchange.nih.gov">zhengt@exchange.nih.gov</a>

15:10-15:25 (12min+3 Q&A)	<b>Yu Zhang, Ph.D.</b> Staff Scientist, Laboratory of Clinical Immunology and Microbiology, NIAID “Genetic contributions of type I IFN immunity in patients with life-threatening COVID-19 infections” <a href="mailto:yu.zhang@nih.gov">yu.zhang@nih.gov</a>
15:25-15:40 (12min+3 Q&A)	<b>Xinwei Wang, Ph.D.</b> Senior investigator, Laboratory of Human Carcinogenesis, NCI “Is there anything in common among liver cancer and COVID-19?” <a href="mailto:wangx@intra.nci.nih.gov">wangx@intra.nci.nih.gov</a>
15:40-15:55 (12min+3 Q&A)	<b>Tongqing Zhou, Ph.D.</b> Chief and Staff Scientist II, NIAID “A pH-dependent switch that mediates endosomal positioning of SARS-CoV-2 spike receptor-binding domains” <a href="mailto:tzhou@mail.nih.gov">tzhou@mail.nih.gov</a>
15:55-16:10 (12min+3 Q&A)	<b>Wei Zheng, Ph.D.</b> NCATS “Drug repurposing and Drug combination therapy for emerging infectious diseases” <a href="mailto:wzheng@mail.nih.gov">wzheng@mail.nih.gov</a>
16:10-16:25 (12min+3 Q&A)	<b>Jake Liang, M.D.</b> Chief, Liver Diseases Branch, NIDDK “Targeting entry of SARS-CoV-2 infection by small molecule inhibitors” <a href="mailto:jakel@bdg10.niddk.nih.gov">jakel@bdg10.niddk.nih.gov</a>
16:25-16:40 (12min+3 Q&A)	<b>Yihong Ye, Ph.D.</b> Senior investigator, Laboratory of Molecular Biology, NIDDK “Targeting cell surface heparan sulfate as a therapeutic option for COVID-19” <a href="mailto:yihongy@mail.nih.gov">yihongy@mail.nih.gov</a>
16:40-16:55 (12min+3 Q&A)	<b>Mitchell Ho, Ph.D.</b> Senior investigator, Laboratory of Molecular Biology, NCI “Isolation of Nanobodies against SARS-CoV-2” <a href="mailto:homi@mail.nih.gov">homi@mail.nih.gov</a>
16:55-17:10 (12min+3 Q&A)	<b>Pan Zheng, Ph.D.</b> Chief Medical Officer, OncoImmune, Inc., Rockville, MD “SACCOVID shortens the hospital stay and reduces the risk to respiratory failure/death in COVID-19 patients” <a href="mailto:PZheng@ihv.umaryland.edu">PZheng@ihv.umaryland.edu</a>
17:10pm	<b>Break 10min</b>
17:20-18:30pm	<b>Chapter business</b>
17:20-17:35pm	<b>Dr. Yang Liu (President): Summary of Chapter Activities and Member Accomplishments.</b>
17:35-17:45pm	<b>Dr. Zhe Han: Introduce new SCBA website and membership drive</b>
17:45-17:50pm	<b>Dr. Chunzhang Yang (Treasurer): Chapter Financial Report</b>
17:50-17:55pm	<b>Award ceremony</b>
17:55-18:10pm	<b>Nomination of new leader (President 2022)</b>
18:10-18:20pm	<b>Dr. Yihong Ye closing remarks (President 2021)</b>
18:30pm-	<b>Adjourn</b>