



CONTENTS

1. Letter from the SCBA President
2. The 18th SCBA Symposium Scientific Program
3. Announcement of the 2022 SCBA Awardees
4. Travel awards
5. Donor list
6. Update from the Texas Chapter
7. Update from the Virology Division
8. Update from the Seattle Chapter

Letter from the 2022 SCBA President

Greetings, fellow SCBA members!

I hope you have all been enjoying the summer.

While the pandemic does not appear to be going away as we would have hoped, especially with the emergence of the new omicron subvariants BA.4 and BA.5, booster vaccination does help to protect against severe diseases and hospitalizations. As a virologist, I strongly recommend that our members be vaccinated with booster doses so as to protect yourself and loved ones.

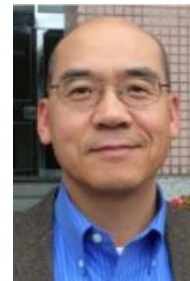
We are excited that our SCBA [18th International Symposium](#) is quickly approaching, and everyone is welcome to attend. Remember that [registration](#) is open throughout the conference, which will be held at the Tufts Conference Center between July 27 and 31, 2022. In this issue of the newsletter, you will find an updated scientific

program and additional information. Once again, I wish to thank the conference planning committee chair Dr. *Hui Zheng*, the scientific program committee co-chairs Drs. *Zhi-Ming Zheng* and *Lee Zou*, the conference webmaster Dr. *Renfeng Li*, the SCBA co-executive directors Drs. *Chris Lau* and *Xi He*, as well as all conference planning committee members, program committee members, and local organizers for their tireless work.

In addition to [40 scientific workshops](#), we have planned a panel discussion for direct dialogue between NIH officials and our SCBA community on July 28, 11:10 am - 12:40 pm. The panel discussion is moderated by Seton Hall University law Professor [Margaret Lewis](#), and will be joined by US congresswoman [Judy Chu](#), NIH Deputy Director for Extramural Research [Michael Lauer](#), MIT professor [Gang Chen](#), and Committee of 100 co-founder [Henry S. Tang](#). Watch out for an email from SCBA in the coming days for a Zoom link, in case you cannot attend in-person.

One tradition of SCBA is to invite our award winners to present their outstanding work in the biennial conference, and this time is no exception. I wish to congratulate Dr. *Yang Shi* and Dr. *Yi Zhang* for the SCBA Presidential Award, and Dr. *Lei Stanley Qi* and Dr. *Xiaochen Bai* for the Kenneth Fong Young Investigator Award. I also wish to thank the award committee chair Dr. *Keji Zhao* and members of the committee for their time and efforts. We also appreciate the support of Dr. Kenneth Fong for his continued support that has made these awards possible. I hope to see you soon in Boston.

Shan-Lu Liu, MD, PhD
SCBA President



Update on the 18th SCBA Symposium

The 18th SCBA International Symposium in Boston, July 27-31, 2022 - Scientific Program

July 27

- 3:00 – 7:00 pm Arrival and registration (AC Hotel, Medford, MA)
5:00 – 7:00 pm Social time with snacks & drinks (AC Hotel, Medford, MA)

July 28

- 7:30 – 8:45 am Breakfast (Joyce Cummings Center lobby)
7:30 – 12:00 pm Registration (Joyce Cummings Center lobby)
8:45 – 9:00 am **Welcome and Opening Remarks** (1st floor conference room)
Hui Zheng, Immediate Past President, SCBA
Shan-Lu Liu, President, SCBA
Zhi-Ming Zheng and Lee Zou, Co-Chair of the Program Committee
- 9:00 – 10:45 am **Keynote and Named Lectures**
Chairpersons: Paul Liu and Hua Yu
- 9:00 – 9:45 am Keynote Lecture: **William G. Kaelin Jr.**, M.D., 2019 Nobel Laureate, Dana-Farber Cancer Institute, Harvard Medical School
“The von Hippel-Lindau Tumor Suppressor Gene: Insights into Oxygen Sensing and Cancer”
Introduction by Wenyi Wei
- 9:45 – 10:15 am KT Jeang Lecture: **Edward Chu**, M.D., Director, Albert Einstein College of Medicine Cancer Center
“PHY906 as a Modulator of Cancer Chemotherapy: Where East Meets West”
Introduction by Paul Liu
- 10:15 – 10:45 am Tsai-Fan Yu Lecture: **Pei-Yong Shi**, Ph.D., Director, Sealy Institute for Drug Discovery, University of Texas Medical Branch
“SARS-CoV-2 Biology and Countermeasure Development”
Introduction by Hua Yu
- 10:45 – 11:10 am Coffee Break
- 11:10 – 12:40 pm **Dialogue between NIH Officials & SCBA Community: Concerns and Solutions** (1st floor conference room)
Moderator: **Prof. Margaret Lewis**, Seton Hall University
Introduction by Shan-Lu Liu
Panelists: U.S. Representative **Judy Chu** (Virtual)
Michael Lauer, M.D., Deputy Director for Extramural Research, NIH
Gang Chen, Ph.D., Carl Richard Soderberg Professor, MIT
Henry S. Tang, Co-founder of Committee of 100

- 12:40 – 2:00 pm Lunch (Cafeteria) and vendor lunch shows by ABclonal Technology and Vazyme Biotech (1st floor conference room)
- 2:00-3:30 pm. **Concurrent Workshops with Co-Chairs and Locations**
1. SARS-CoV-2 and COVID-19: Jie Sun & Haitao Hu (1st floor conference room)
 2. Biotech & Single Cell Research: Chenghang Zong & Hongjie Li (2nd floor auditorium)
 3. Neuroscience: Long-Jun Wu & Dandan Sun (2nd floor room 1)
 4. Cancer Biology and Therapies: Wenliang Li & Jindan Yu (2nd floor room 2)
 5. Metabolism & Lipid: Li Qiang & Meilian Liu (2nd floor room 3)
- 3:30-4:00 pm Coffee Break
- 4:00 – 5:30 pm **Concurrent Workshops with Co-Chairs and Locations**
6. SARS-CoV2 & COVID-19: Guangxiang Luo & Qihong Wang (1st floor conference room)
 7. Cancer Biology & Therapies: Jing Yang & Dihua Yu (2nd floor auditorium)
 8. Neuroscience: Hong-Shuo Sun & Zhong-Ping Feng (2nd floor room 1)
 9. Genome Integrity & DNA Biology: Xiaobo Zhou & Honghuang Lin (2nd floor room 1)
 10. Metabolism: Wen-Xing Ding & Ling Yang (2nd floor room 3)
- 5:30 – 7:00 pm **Poster Session 1** (Joyce Cummings Center Lobby)
- 7:00 pm Dinner (on your own)

July 29

- 7:30 – 9:00 am Breakfast (Joyce Cummings Center Lobby)
- 7:30 – 12:00 noon Registration (Joyce Cummings Center Lobby)
- 9:00 – 10:45 am **Keynote and Plenary Lectures** (1st floor conference room)
- Chairpersons: Wei Yang and Lee Zou
- 9:00 – 9:45 am Keynote Lecture: **Harvey J. Alter, M.D.**, 2020 Nobel Laureate, NIH
 “Hepatitis C: The end of the beginning and possibly the beginning of the end”
 Introduction by Zhi-Ming Zheng
- 9:45 – 10:15 am Plenary Lecture: **Louise T. Chow, Ph.D.**, University of Alabama at Birmingham
 “Three-dimensional tissue models in vitro and in vivo to identify small molecular inhibitors of human papillomavirus diseases”
 Introduction by Wei Yang
- 10:15 – 10:45 am Plenary Lecture: **Kun-Liang Guan, Ph.D.**, University of California, San Diego
 “Hippo signaling and cancer”
 Introduction by Lee Zou
- 10:45 – 11:10 am Coffee Break
- 11:10 – 12:40 pm **Concurrent Workshops with Co-Chairs and Locations**
11. HBV and Hepatitis: Haitao Guo & Jianming Hu (1st floor conference room)
 12. Cancer Biology & Therapies: Jinsong Liu & Henry Heng (2nd floor auditorium)
 13. Neuroscience: Wenzhe Ho & Wenhui Hu (2nd floor room 1)
 14. Metabolism: Qingchun Tong & Yong Xu (2nd floor room 2)
 15. Genome Integrity & DNA Biology: Bing Xia & Zhiyuan Shen (2nd floor room 3)
- 12:40 – 2:00 pm Lunch (Cafeteria)
- 2:00 – 3:30 pm **Concurrent Workshops with Co-Chairs and Locations**
16. Tumor viruses & Cancers: Renfeng Li & Pinghui Feng (1st floor conference room)
 17. Cancer Biology & Therapies: Bin Zheng & Wei-Xing Zong (2nd floor auditorium)
 18. Lipid & Adipocytes: Kai Sun & Yu An (2nd floor room 1)
 19. Genome Integrity & DNA Biology: Xiaohua Wu & Li Lan (2nd floor room 2)
 20. Neuroscience: Hui Zheng & Xiaobo Mao (2nd floor room 3)
- 3:30 – 4:00 pm Coffee Break
- 4:00 – 5:30 pm **Concurrent Workshops with Co-Chairs and Locations**

21. Immunotherapy: Jianzhu Chen & Lishan Su (1st floor small auditorium)
 22. RNA Biology: Peixuan Guo & Daniel Binzel (2nd floor auditorium)
 23. Cancer Biology & Immunity: Wanjun Chen & Ying Zhang (2nd floor room 1)
 24. Genome integrity & DNA biology: Zhongsheng You & Justin Leung (2nd floor room 2)
 25. Liver Metabolism: Huiping Zhou & Heather Francis (2nd floor room 3)
- 5:30 – 6:30 pm **Meet the Editors:** Jia Cheng (Cell), Steve Mao and Zhaodong Li (Cancer Cell), Brian Plosky (Mol Cell), Mariela Zirlinger (Neuron), and Chris Lau (Cell & Bioscience) (2nd floor auditorium)
- 7:00 – 9:00 pm **Banquet** (Joyce Cummings Center 1st floor)
 Speaker: Henry S. Tang
 Introduction by Shan-Lu Liu

July 30

- 7:30 – 9:00 am Breakfast (Joyce Cummings Center Lobby)
- 9:00 – 10:45 am **Keynote and Plenary Lectures (1st floor conference room)**
 Chairpersons: Xinnian Dong, Duke University, and Hong Chen, Harvard University
- 9:00 – 9:45 am Keynote Lecture: **Virginia M.-Y. Lee**, Ph.D., 2020 Breakthrough Prize in Life Sciences recipient, University of Pennsylvania School of Medicine
 “Transmission of misfolded proteins in neurodegenerative disorders: a common mechanism of disease pathogenesis”
 Introduction by Hui Zheng
- 9:45 – 10:15 am Plenary Lecture: **Hao Wu**, Ph.D., Harvard Medical School
 “Inflammasomes at the crossroads of basic science and translation”
 Introduction by Xinnian Dong
- 10:15 – 10:45 am. Plenary Lecture: **Zhi-Gang He**, Ph.D. Boston Children’s Hospital, Harvard Medical School
 “Neural Regeneration after CNS Injury”
 Introduction by Hong Chen
- 10:45 – 11:10 am Coffee Break
- 11:10 – 12:40 pm. **Concurrent Workshops with Co-Chairs and Locations**
 26. RNA Biology: Chuan He & Xinchu Grace Xiao (1st floor conference room)
 27. Cancer Biology and Therapies: Xinwei Wang & Chris Lau (2nd floor auditorium)
 28. Neuroscience: Zhiping Pang & Ye Zhang (2nd floor room 1)
 29. Immunity & Immunotherapy: Shaun Zhang (2nd floor room 2)
 30. Metabolism: Liqing Yu & Hongmin Ni (2nd floor room 3)
- 12:40 – 2:00 pm Lunch (Cafeteria)
- 2:00 – 3:30 pm **Concurrent Workshops with Co-Chairs and Locations**
 31. RNA Biology: Rui Zhao & Yongsheng Shi (1st floor conference room)
 32. Immunity & Immunotherapy: Bangyan Stiles & Cynthia Ju (2nd floor auditorium)
 33. Cancer Therapies: Li Jia (2nd floor room 1)
 34. Cancer Biology & Therapies: Wei Zhang & Yi Sheng (2nd floor room 2)
 35. Antivirals: Jun Wang & Zhengqiang Wang (2nd floor room 3)
- 3:30 – 4:00 pm Coffee Break
- 4:00 – 5:30 pm **Concurrent Workshops with Co-Chairs and Locations**
 36. Pathogens & Infections: Genhong Cheng & Xinnian Dong (1st floor conference room)
 37. Precision Medicine: Hong Chen & Min Dong (2nd floor auditorium)
 38. Heart Disease in Model Systems: Zhe Han & Xiaolei Xu (2nd floor room 1)
 39. Cancer Biology & Therapies: Qin Yan & Qing Zhang (2nd floor room 2)
 40. Drug Development: Shuxing Zhang & Han Liang (2nd floor room 3)
- 5:30 – 7:00 pm **Poster Session 2** (Joyce Cummings Center lobby)
- 7:00 pm Dinner (on your own)

July 31

- 7:30 – 9:00 am Breakfast (Joyce Cummings Center lobby)
- 9:00 – 12:30 pm **SCBA Award Lectures and Closing Remarks** (1st floor conference room)
Chairpersons: Lishan Su and Renfeng Li
- 9:00 – 9:30 am **Yang Shi**, Ph.D., SCBA Presidential Awardee, Cambridge University, UK
“A tale of two cities/projects”
Introduction by Xi He
- 9:30 – 10:00 am **Yi Zhang**, Ph.D., SCBA Presidential Awardee, Boston Children’s Hospital, Harvard Medical School
“My journey on epigenetics: from basic mechanisms to clinical applications”
Introduction by Lishan Su
- 10:00 – 10:30 am **Xiaochen Bai**, Ph.D., Kenneth Fong Young Investigator Awardee, UT Southwestern Medical School
“Structural basis for the activation of insulin receptor”
Introduction by Renfeng Li
- 10:30 – 11:00 am Coffee break
- 11:00 – 11:30 am **Stanley Qi**, Ph.D., Kenneth Fong Young Investigator Awardee, Stanford University
“Human Genome Engineering Beyond Editing for Therapy”
Introduction by Chris Lau
- 11:30 – 12:30 am Award Presentations and Closing Remarks
SCBA elections: Hui Zheng and Lishan Su
Travel and Poster award announcement: Shan-Lu Liu and Pan Zheng
Closing remarks: Zhi-Ming Zheng, Lee Zou, Shan-Lu Liu
- 12:30 pm Lunch (Cafeteria) and Departure

For registration and Program Information, please visit:

<https://conference.scbasociety.org/>

Announcement of the 2022 SCBA Awardees

The SCBA Presidential Award is one of the highest honors for scientists of Chinese descent in biomedical/bioscience fields. It is presented at regular intervals during each of the biennial SCBA symposia to a qualified individual(s) in the biomedical field. Drs. Yang Shi and Yi Zhang have been selected as the co-recipients for the 2022 SCBA Presidential Award.

The Kenneth Fong Young Investigator Award (formerly Junior Achievement Award) is a distinguished honor of the Society for a young scientist(s) of Chinese descent in biomedical/bioscience fields. It is presented at regular intervals during each of the biennial SCBA Symposia to a qualified individual(s) in the biomedical field. Drs. Xiaochen Bai and Lei Stanley Qi have been selected as the co-recipients for the 2022 Kenneth Fong Young Investigator Award.

Below are the biosketches of the 2022 awardees:



Dr. Yang Shi received his PhD from New York University, where he studied regulation of a multigene family in mice. He carried out postdoctoral research in the

lab of Dr. Thomas Shenk at Princeton University, where he discovered the transcription factor YY1 (Yin Yang 1 for its ability to both activate and repress transcription), which plays a critical role in many important biological processes. He began his independent research career at Harvard Medical School as a tenure track assistant professor and received tenure and full professorship in the Department of Pathology at Harvard Medical School in 2004. In 2009, he joined the Newborn Medicine Division of the Boston Children's Hospital and held a Merton Bernfield Professorship. He became the inaugural C. H. Waddington Professor of Pediatrics at the Harvard Medical School in 2018. Dr. Shi joined the Ludwig Institute for Cancer Research at Oxford University in 2020.

His honors include the Ray Wu Prize (2009), election to the American Association for the Advancement of Science (2011), American Cancer Society Research Professor (2012), election to the American Academy of Arts and Sciences (2016), the National Cancer Institute Outstanding Investigator Award (2017), election to the AACR Academy (2022) and election to the EMBO membership (2022). His contributions include discoveries of novel histone and RNA modifying enzymes and "readers" that recognize specific histone methylation states. Among them, Dr. Shi is widely known for his 2004 landmark discovery of the first histone demethylase, LSD1, which changed the long-held dogma that histone methylation was static/irreversible. The elegant approach set the standard for an avalanche of subsequent demethylases discoveries, for which Dr. Shi was also a main contributor. Using

genetics, biochemistry and structural biology, he elucidated molecular mechanisms of histone demethylase/readers, such as how subunits of the LSD1 complex work together to generate a chromatin environment for gene repression. His work also shed light on histone demethylases in development and differentiation, the DNA damage response, and intellectual disability.

His recent work addresses two major issues in immune oncology - resistance to checkpoint blockade (ICB therapy) and lack of durable ICB responses. He not only demonstrated how manipulation of epigenetic regulators alleviates ICB resistance and T cell exhaustion with tumor eradication, but also provided the mechanistic understanding. Thus, Shi has an exemplary record of original work, which has revealed textbook principles in chromatin regulation, already yielding medical impact.



Dr. Yi Zhang is a Fred Rosen Chair Professor of the Department of Genetics and Department of Pediatrics at the Harvard Medical School and an Investigator at the Howard Hughes Medical Institute. He is also an Associate

Member of the Harvard Stem Cell Institute and the Broad Institute. Before joining Harvard, he was a Kenan Distinguished Professor at UNC-Chapel Hill.

His major interest has been the epigenetic basis of gene expression in early development, stem cell reprogramming and aging, as well as reward-related learning and memory. He is also interested in how dysregulation of epigenetic enzymes contributes to various human diseases, including cancer and drug addiction.

Dr. Zhang is a highly accomplished protein biochemist and enzymologist known for his work in identifying and characterizing several classes of epigenetic enzymes that include the nucleosome remodeling and deacetylase (NuRD) complex, histone methyltransferases (e.g. Ezh2/PRC2, Dot1L), the JmJC-containing histone demethylases, histone H2A ubiquitin E3 ligase PRC1, and the TET family of 5-methylcytosine dioxygenases. In recent years, he contributed to the understanding of epigenetics and chromatin remodeling in mammalian preimplantation development by uncovering a role of nucleosome assembly in nuclear pore complex formation of the male pronucleus, identifying the first transcription factor (NFYA) important for zygotic genome activation, and uncovering a DNA methylation-independent genomic imprinting mechanism that is critical for imprinted X-inactivation. He also identified and found ways to overcome the epigenetic barriers to somatic cell nuclear transfer reprogramming, which made the cloning of non-human primates possible.

Recently, he uncovered the genomic origin, biogenesis, and the immunostimulatory function of extrachromosomal circular DNAs. Dr. Zhang was named a Top 10 author of high impact papers in Genetics and

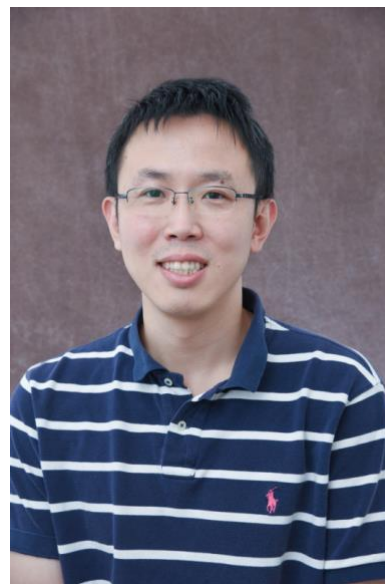
Molecular Biology (2002-2006), and one of the most influential scientists in the world by ScienceWatch. He has published over 180 high impact papers with more than 77,000 citations and an H-index of 114.



Dr. Lei Stanley Qi is Associate Professor in the Department of Bioengineering and ChEM-H Institute at Stanford University. He obtained a B.S. in Physics from Tsinghua University and a Ph.D. in Bioengineering from the University of California, Berkeley, where he studied synthetic biology with Dr. Adam Arkin and CRISPR biology with Dr. Jennifer Doudna. He worked as Systems Biology Fellow at UCSF prior to joining Stanford as faculty.

Dr. Stanley Qi is a pioneer in the genome editing field, developing the first nuclease-dead dCas9 system and piloting CRISPR interference (CRISPRi) and CRISPR activation (CRISPRa) technologies. His research greatly expanded the CRISPR toolbox for engineering the human genome beyond DNA editing, and developed novel technologies for epigenome engineering, 3D genome regulation, live-cell imaging, and applications in infectious disease and genetic disease. He has won numerous national awards, including the NIH Director's

Early Independence Award and the NSF CAREER Award, and was named a Pew Biomedical Scholar, an Alfred. P. Sloan Fellow, and a Chan-Zuckerberg Biohub investigator.



Dr. Xiaochen Bai, Ph.D., has been working on cryo-EM method development and structural determination for more than a decade. When he was a Ph.D. student in Prof. Sen-fang Sui's lab at Tsinghua University, he was among the first to use single-particle cryo-EM for structural studies in China. While he was a postdoc in the Sjors Scheres lab at MRC-LMB in the U.K., he was involved in the development of entirely new techniques that dramatically improved the capabilities of cryo-EM technology.

After starting his independent lab at University of Texas Southwestern Medical Center in 2017, he has established a highly productive research program on the structural and functional studies of receptor tyrosine kinases.



2022 SCBA Travel Awardees

Xiaoyang Yu

Binbin Ma

Alyssa Matz

Lili Qu

Jing Zeng

Zhe Hu

Xiaoqiang Qi

Fei Gao

Xuwen Li

Raghbendra Kumar Dutta

Minh Ma

Zhenning Yang

Nicole Wang

Xiaolong Wang

Jiakai Hou

Tao Zhou



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Update from the Texas Chapter

SCBA-TX holds 35th Annual Symposium

The SCBA Texas Chapter (SCBA-TX) hosted its 35th annual symposium in the Alkek Auditorium at the Baylor College of Medicine on Saturday May 14, 2022. This was the first SCBA-TX symposium held in-person since the COVID-19 pandemic and was a successful event. There were 92 attendees, representing faculty members, postdoctoral fellows, graduate students and staff members from all of the academic institutions at the Texas Medical Center, including the Baylor College of Medicine (BCM), University of Texas MD Anderson Cancer Center (MDACC), University of Texas-Health Science Center at Houston (UTHSC), University of Houston (UH), Texas A&M-University Institute of Biosciences & Technology (IBT) at Houston, the Methodist Hospital Research Institute (Methodist), and Rice University, as well as institutions outside of Houston, such as Texas A&M University at College Station (TAMU), and Louisiana State University (LSU).

The symposium started in the morning with brief welcome remarks from the SCBA-TX President Dr. Chonghui Cheng (BCM), followed by two scientific sessions with faculty speakers representing each institution in and near Houston. During the lunch break, SCBA-TX held a Financial Report and Election session for all SCBA faculty members. Yubin Zhou (IBT) was elected President-elect, Zheng Sun (BCM) was elected Secretary, and Sherry Gao (Rice) was elected Treasurer.

The afternoon Trainee Presentation session included five concurrent sessions and a total of 29 trainee presentations. Ten trainees were selected as finalists to

compete in the final round of the contest for best elevator pitch, a two-minute short presentation without visual aid. The winner for the Professor Alexander Yeu-Ming Wang Memorial Scholarship (\$500) was Nicole Wang (BCM). This is a highly prestigious and competitive award that was established in 1995 by Professor Wang's family to honor Professor Alexander Yeu-Ming Wang for his contributions and achievements to science, education, Chinese community, and SCBA, in which Dr. Wang served as a founder. The first-place award (\$300) went to Yikai Luo (MDACC), second-place awards (\$200 each) went to Qichen Yuan (Rice) and Jingyi Lyu (BCM), and third-place awards (all finalists, \$100 each) went to Fei Peng (BCM), Yushu Qin (TAMU), Kai Yang (IBT), Yang (UTHSC), Xin Yu (BCM), and Xiaolei Zhao (UTHSC).

The Professor Ying-Lai Wang Memorial Keynote Lecture was presented by Dr. Henry H. Heng from Wayne State University. Dr. Heng shared his outstanding and paradigm-shifting research titled "From genes to genomes: searching for new frameworks via the lens of information, evolution, and system emergence."

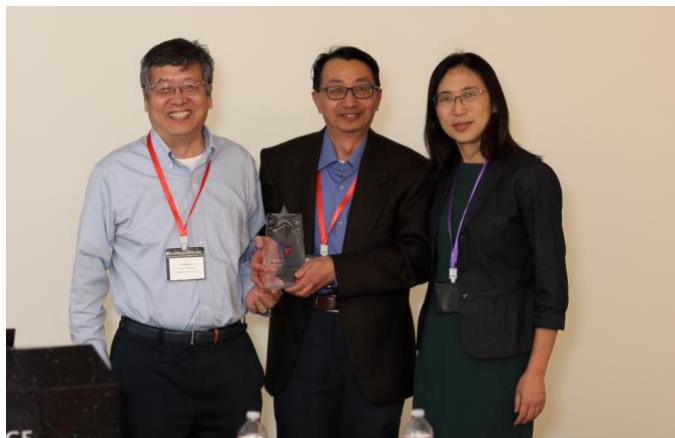
After concluding the symposium program, SCBA-TX held a faculty dinner at Fiori. Keynote speaker Dr. Henry H. Heng and more than 30 SCBA-TX faculty members attended the dinner.



2022 SCBA-TX trainee presentation winners with President Dr. Chonghui Cheng (left 1), treasurer Dr. Qin Feng (left 2) and secretary Dr. Weiwei Dang (right 1).

The organizing committee of the 2022 and 35th SCBA-TX symposium included President Dr. Chonghui Cheng (BCM), President-elect Dr. Jin Wang

(BCM), Secretary Dr. Weiwei Dang (BCM), and Treasurer Dr. Qin Feng (UH).



2022 SCBA-TX Professor Ying-Lai Wang Memorial Keynote Lecturer, Dr. Henry H. Heng (middle) with President Dr. Chonghui Cheng (right) and Dr. Jinsong Liu (left).

Update from the Virology Division

SCBA Virology Division holds seminar by the distinguished Dr. Hung Fan

On June 4, 2022, the SCBA Virology Division held a virtual seminar titled “Retroviruses: from Reverse Transcription to Replication and Pathogenesis” by distinguished speaker Dr. Hung Fan at the University of California, Irvine (UCI). Dr. Fan is currently a Professor Emeritus on recall and Associate Vice Chancellor for Strategic Initiatives at UCI. In the seminar, Dr. Fan reflected on his research career in retrovirology, his family background, as well as academic activities outside his research. More than 100 people from the US, mainland China, Hong Kong, Taiwan, and other parts of the world attended the seminar.

Dr. Fan was born in Beijing in 1947 and obtained his BS degree in physics at Purdue University. He completed his PhD in biology at MIT in 1971, and pursued his

postdoc training in virology, specifically retroviral biology, with Dr. David Baltimore at MIT. After 8 years (1973-1981) at the Salk Institute in the Tumor Virology Laboratory in San Diego, he moved to UCI as an assistant professor in 1981, where he has held the ranks of assistant professor and full professor. From 1985 to 2014, Dr. Fan was the director of the UCI Cancer Research Institute, and from 1993 to 2014, he was co-director of the Chao Family Comprehensive Cancer Center at UCI. Dr. Fan is the former editor of *Journal of Virology* and served as chair of the NIH Virology Study Section from 2000 to 2003. Among many honors, Dr. Fan is an elected fellow of the American Academy of Microbiology and fellow of American Association for the Advancement of Science (AAAS). His research has been focused on retroviral replication and pathogenesis, and he has published more than 200 research papers, including many in *Nature*, *Science*, *Cell*, *PNAS*, and *Journal of Virology*. He has also edited 15 scientific books. Dr. Fan is a recognized leader in virology research and the scientific community.

Dr. Fan’s research, academic career, and personal life were recently highlighted in an [interview](#) by the journal *Retrovirology*. You may also find his earlier [talk](#) titled “**What Matters to Me and Why: Hung Fan.**”



Update from the Seattle Chapter

After joining SCBA in March 2022, the Seattle Chapter held two quarterly seminars, one on March 26 and the other on June 25. In the March seminar, we had two talks: Dr. Jinjuan Yao, Assistant Attending at the Memorial Sloan Kettering Cancer Center, presented her research with the title of “Molecular Diagnosis of Lung Cancer- Guide Targeted and Immune Therapies”, and Dr. Haodong Xu, Professor at the University of Washington Medical Center, presented his research with the title of “Precise Diagnosis of Histological Type of Lung Cancer.” In the June seminar, we also had two speakers. One speaker was Dr. Shan-Lu Liu, Professor at the Ohio State University and the title of his talk was “Immune responses of SARS-CoV-2 to infection and vaccination: lessons and perspectives.” The other speaker was Dr. Weijun Chen, Chief Scientist of BGI Infectious Diseases and Professor at the University of Chinese Academy of Sciences, who presented his talk with the title of “Laboratory disaster preparedness and capacity building for public health emergencies.”

The Seattle Chinese Biomedical Association-Sino Biological Young Investigator Awards program, launched in March this year, is currently accepting applications until August 31st and more information can be found [here](#). This program is established to recognize early-career SCBA members in the Washington State who have made significant contributions to their respective biomedical research fields.

Also launched in March this year, the Seattle Chinese Biomedical Association Summer Internship for High School Students program has accepted two outstanding students into the program for this year, and they are doing their hands-on research in two world class research labs in the University of Washington School of Medicine. This summer research program is designed to provide research experience and mentorship for high school students who are interested in biomedical research.

In addition, the Seattle Chapter is currently planning their annual summer BBQ party (depending on the pandemic situation), fall quarterly seminar and winter all-members annual meeting.

A welcome note from Executive Directors to new members

The Society of Chinese Bioscientists in America (SCBA) is the largest professional society for Chinese bioscientists outside of China. Our SCBA network has continued to expand, and we hope that our members encourage colleagues to join and enjoy the many resources and opportunities at SCBA. We would like to give a warm welcome to our newest members.



Xi He, Ph.D.
Co-Executive Director



Chris Lau, Ph.D.
Co-Executive Director

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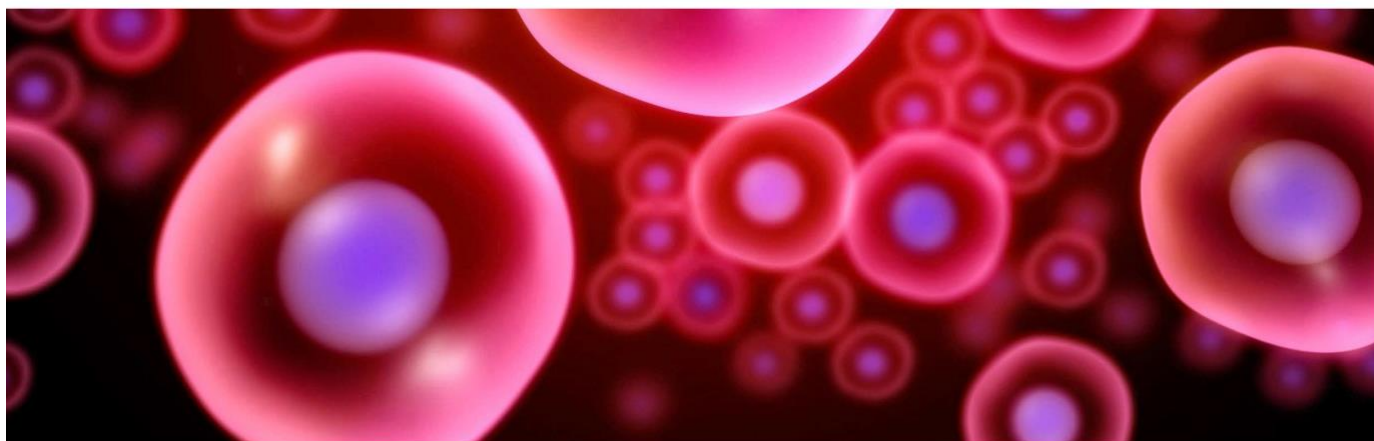
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