



美洲華人生物科學學會



Society of Chinese Bioscientists in America

June 2017

Newsletter Editor: Binghui Shen, Ph.D.

NEWSLETTER

Volume 32 | Issue 2

Production Editor: Chris Lau, Ph.D.

FROM THE PRESIDENT'S DESK.....

Dear SCBA members,

Welcome to the June 2017 issue of the SCBA Newsletter.

We have just concluded the 16th SCBA Biannual International Symposium in Hangzhou this month, and I hope those of you who attended this meeting enjoyed it as much as I did. The success of this meeting is the result of a productive and fruitful collaboration of SCBA with the Chinese Society of Biochemistry and Molecular Biology as well as other research institutions, local universities and hospitals. More details of the meeting summary will be forthcoming in the September issue of the Newsletter.

I hope you are all enjoying the summer.



Yang Shi, Ph.D.
SCBA President, 2016-2017



NOTES FROM THE SECRETARY

Dear SCBA members,

With our society's bi-annual conference that occurred last week in Hangzhou, the current society leadership would like to announce the election results of 2017, which include the SCBA leadership for 2020-2021, in this issue of the Newsletter. We have included activity reports from both Texas chapter and DC chapter. We will report detailed features of the bi-annual meeting in the next issue of the newsletter.



Binghui Shen, Ph.D.
SCBA Secretary, 2016-2017



NOTES FROM THE TREASURER

Dear SCBA Members,

It was wonderful seeing many of you in Hangzhou during 2017 SCBA Biennial Symposium. In association with the Symposium, we had a surge in membership applications. For the months of April to June, we collected \$6,510 membership fees. On the expense front and as part of the Society's policy, we contributed \$1,500 each to the SCBA Texas Chapter, DC-Baltimore Chapter and Toronto Chapter to support their annual symposiums hold in the spring.



Ying Zhang
SCBA Treasurer, 2016-17



Cell & Bioscience

cellandbioscience.com

Dear SCBA Members:

Our society journal: **Cell & Bioscience** (<http://www.cellandbioscience.com/>), recently received its fifth official IF of 3.294 in June 2017. This is a significant increase over last year's IF of 2.883. We owe you our gratitude for your continued support that has been essential for our success since our official launch in Jan. 2011.

We took the opportunity of the 16th SCBA Biennial International Symposium in Hangzhou in June 2017 to hold our editorial board meeting. Participants included early 20 editors and board members. Two representatives from BMC, our publisher, which is now part of the SpringerNature, came specifically for the meeting. They were Ms. Kyla Buckingham, Senior Journal Development Editor, who oversees our journal, and Dr. Srimathy Sriskantharajah, Associate Publisher, Life Sciences. Ms. Buckingham led the meeting with a brief review of the 2016 annual report on our journal. There were extensive discussions and valuable suggestions on how to expand the reach and impact of the **Cell & Bioscience**. One area of interest is again the category **Research Highlight**. As I mentioned before, Research Highlight allows one to write a short article of 1-2 pages to highlight important discoveries in your field. For a recent example, see

<https://cellandbioscience.biomedcentral.com/articles/10.1186/s13578-017-0139-5>

Thus, if you are aware of a recent important paper, e.g., from one of your colleague or friend, you can help to bring additional awareness of the findings by publishing a highlight on it. Additionally, if you have an important paper in press or recently published, please let us know so we can invite someone to highlight it. Of course, we cover all the publication cost.

Lastly, I want to point out that **Cell & Bioscience** was created with the intention helping SCBA to grow and prosper. It was launched in Jan. 2011 in collaboration with BMC without any financial cost from SCBA. All editors and editorial board members are volunteers, for which I am grateful. Since 2012, **Cell & Bioscience** has been generating revenues for SCBA. With your continuous support and help, I believe that **Cell & Bioscience** will become an important asset of SCBA.

Thus, we hope you consider *Cell & Bioscience* as a home for your research and submit your manuscript via our online submission system. Visit our [instructions for authors](#) or contact editorial@cellandbioscience.com for more information.

Thanks again for your support and with best wishes,



Yun-Bo Shi
Editor-in-Chief



THE 31ST ANNUAL SYMPOSIUM OF SCBA-TEXAS CHAPTER

The SCBA Texas Chapter (SCBA-TX) held its 31st annual symposium in the Texas Medical Center, Houston, Texas, on April 29, 2017. It was a very successful annual event, completing another rich page of the SCBA-TX chapter's long history. The symposium was packed with outstanding oral presentations and with an enthusiastic audience, representing the faculty members, postdoctoral fellows, graduate students and staff members from eight academic institutions in Texas, including Baylor College of Medicine (BCM), University of Texas MD Anderson Cancer Center (MDACC), University of Texas Health Science Center at Houston (UTHealth), University of Houston (UH), Texas A&M-University Health Science Center (TAMHSC), University of Texas Medical Branch at Galveston (UTMB), Rice University (RICE) and the Methodist Hospital Research Institute (TMHRI). The keynote speaker was Dr. Lee Zou, a distinguished professor from Harvard Medical School, *Associate Scientific Director and James & Patricia Poitras Endowed Chair for Cancer Research* at Massachusetts General Hospital Cancer Center and an international leader in DNA replication, DNA repair and cancer biology.

This year's symposium was held at the Alkek Auditorium of Baylor College of Medicine as a traditional all-day event from 8:30am to 5:30pm. It was one of the largest events in the symposium's history. Over 180 scientists and friends attended the symposium. This reminds us all just how important our work is and how supportive our SCBA-TX members and trainees are.



Part of audience at the 2017 SCBA-TX Symposium

The event's main themes were to celebrate the 31st-year anniversary of SCBA-TX, to showcase scientific achievements by SCBA-TX members and their trainees, to foster collaborations, and to forecast the future success. The symposium started with a brief welcome remarks from the SCBA-TX President Dr. Jianping Jin (UTHealth), followed by the scientific plenary sessions including lectures from eight outstanding faculty members representing eight

different SCBA-TX institutes and one from Nexcelom BioScience, the grand sponsor of the symposium. These exciting lectures covered diverse topics, including "Reading the Histone Code" by Dr. Xiaobing Shi (MDACC), "What can proteomics offer in human cancer studies?" by Dr. Bing Zhang (BCM), "Enhancer-Promoter looping: regulation, pairing and deregulation" by Dr. Wenbo Li (UTHealth), "Microbes and colorectal cancer" by Dr. Yi Xu (TAMHSC), "Immune dysregulation and vascular damage during infection with intracellular bacteria" by Dr. Lynn Soong (UTMB), "Mesp1-regulated miRNAs in cardiomyocyte fate specification" by Dr. Yu Liu (UH), "CAR T Immunological Synapse" by Dr. Dongfan Liu (TMHRI), "CRISPR/Cas9 based genome editing for treating sickle cell disease" by Dr. Gang Bao (RICE), and "Count every cell in every well" by Jean Qiu (Nexcelom BioScience).

In the afternoon breakout sessions, 41 trainees including 19 graduate students and 22 postdoctoral fellows, gave oral presentations in seven concurrent sessions, which were organized based on scientific topics. Dr. Hui Zheng (BCM) served as the chair of the trainee sessions. Judges for the trainees' presentations included Drs. Zheng (Jake) Chen (UTHealth), Xi Chen (BCM), Guangwei Du (UTHealth), Binliang Fang (MDACC), Wenliang Li (UTHealth), Leyuan Liu (TAMHSC), Longhou Fang (TMHRI), Zheng Sun (BCM), Qingchun Tong (UTHealth), Meng Wang (BCM), Yong Xu (BCM), Shuxing Zhang (MDACC), Weihua Zhang (UH), and Yubin Zhou (TAMHSC).

The winners for the prestigious SCBA-TX trainee awards were: Yumeng Wang (MDACC) for the first-place award (\$300), Erica McGrath (UTMB) and Yin Xu (BCM) for the second-place award (\$200), Mei-Kuang Chen (MDACC), Min-Shan Chen (BCM), Ji Jing (TAMHSC), Minjung Lee (TAMHSC), Jia Li (TAMHSC), Leandra Mangieri (UTHealth), Caitlin Schlagal (UTMB), Hui Xu (BCM), Na Zhao (BCM), Wenjun Zhou (BCM) for the



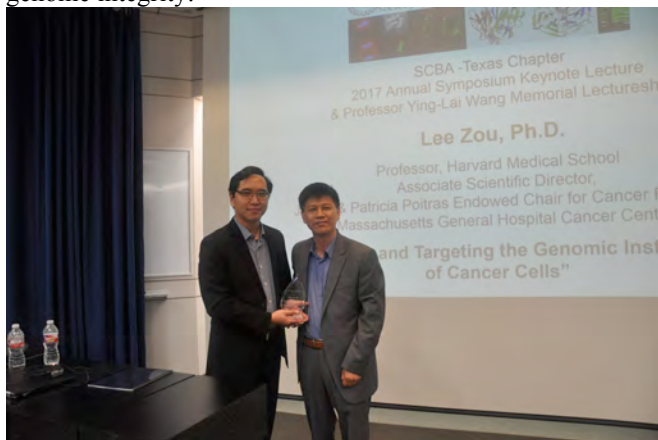
Mrs. Helen Weng (Wife of Prof. Wang) presenting the award to Hong Liu, the winner for the Professor Alexander Yeu-Ming Wang Memorial Scholarship. From left: Jianping Jin, Hong Liu, Helen Weng, Mien-Chie Hung.

third-place award (\$100). The winner for the Professor Alexander Yeu-Ming Wang Memorial Scholarship (\$500) is Hong Liu (UTHealth). 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 contribution and achievement to science, education, Chinese community, and SCBA in which Dr. Wang served as one of the founders. Dr. Mien-Chie Hung (MDACC), Professor and Vice President for Basic Research of University of Texas MD Anderson Cancer Center, introduced the legacy of Dr. Yeu-Ming Wang before the award ceremony.



Symposium attendees engaged in scientific and social networking during coffee break

The finale of this symposium was the Professor Ying-Lai Wang Memorial Lecture delivered by symposium keynote speaker, Dr. Lee Zou, whom was introduced by Dr. Jianping Jin. Dr. Lee Zou is an internationally renowned scientist from Harvard Medical School and Massachusetts General Hospital Cancer Center. Dr. Zou is particularly known for his seminal contributions to the fields of DNA replication, DNA repair and cancer biology. He has made many high-impact discoveries and is considered one of the international leaders in the elucidation of how human cells maintain genome integrity.



Presenting a plaque as a small token of appreciation to keynote speaker, Dr. Lee Zou (left) by Dr. Jianping Jin (right).

With the closure of Dr. Lee Zou's outstanding Keynote Lecture and following the award ceremony, Dr. Jianping Jin gave a short closing remarks, on behalf of his leadership team, to thank the attendees and speakers. He also specifically thanked Mrs. Hellen Weng, wife of the late Professor Alexander Yeu-Ming Wang, for her continuous support of the Professor Alexander Yeu-Ming Wang Memorial Scholarship. Mrs. Weng attended the symposium and the award ceremony. The symposium was concluded with a brief remarks by the SCBA-TX President-Elect Dr. Xiaodong Cheng (UTHealth).

Dr. Dihua Yu (MDACC), former president of National SCBA and SCBA-TX gave a short talk to campaign for candidates of National SCBA new leadership election. Dr. Jianming Xu (BCM), Secretary-Elect of National SCBA gave a short presentation for National SCBA membership recruitment.

As a tradition, the SCBA-TX Treasurer, Dr. Feng Yang (BCM) presented the financial report during a very brief business session, indicating a very healthy financial situation of SCBA-TX. An election was also held during the symposium to form a new SCBA-TX leadership team. The new SCBA-TX leadership team includes President Dr. Xiaodong Cheng (UTHealth), President-Elect Dr. Yong Xu (BCM), Secretary Dr. Bingliang Fang (MDACC) and Treasurer Dr. Meng Wang (BCM).

Organizing committee of the 2017 SCBA-TX symposium included President Dr. Jianping Jin (UTHealth), President-Elect Dr. Xiaodong Cheng (UTHealth), Secretary Dr. Boyi Gan (MDACC), and Treasurer Dr. Feng Yang (BCM). In addition, many other members made significant contributions to the success of this SCBA-TX symposium. The symposium received generous support from the National SCBA and sponsorship from six biotech companies, including Nexcelom Bioscience, Acuronbio Technology Inc., Biocytogen LLC, GenDEPOT Inc., Innovative Biochips LLC, and Novogene Corporation.

This extraordinary and exciting day ended with faculty dinner at the famous Chinese restaurant, Fung's Kitchen, with traditional Chinese dishes specially selected by Dr. Sophia Tsai (BCM) and Dr. Feng Yang (BCM). In conclusion, the members of SCBA-TX chapter had another wonderful and memorable annual symposium. We are confident that SCBA-TX chapter will have many years of success ahead.

Jianping Jin, Ph.D., President of SCBA Texas Chapter
The University of Texas Health Science Center at Houston,



2017 SCBA-TX Symposium faculty participants (partial) after dinner at Fung's Kitchen



THE 2017 SCBA DC BALTIMORE CHAPTER ANNUAL SCIENTIFIC SYMPOSIUM

Xin Wei Wang, President of the SCBA DC Baltimore Chapter

About 100 active members of the SCBA DC Baltimore Chapter convened at the Johns Hopkins University Shady Grove Conference Center situated in Rockville, Maryland on a beautiful Saturday, March 18, 2017. The symposium was successfully co-organized by life members, Dr. Zhe Han of Children's National Health System and Dr. Li Yang of National Cancer Institute who also is a president-elect of the SCBA DC Baltimore Chapter. This meeting was also co-sponsored by NIH-CSSA. With the help from many senior members of our local chapter, a strong scientific program that includes 4 scientific sessions, a poster session and a career development session was developed. Scientific topics include genetics, epigenetics and gene regulation, inflammation and immunity, cell and developmental biology, as well as disease model and drug screening. Fifteen senior

investigators and professors from the Johns Hopkins University, University of Maryland, Children's National Health system and NIH delivered faculty talks. At the career panel discussion, Drs. Ming Lei, Chief of the Cancer Training Branch of National Cancer Institute and Shou-Bai Chao, Chairman of the Centus Biotherapeutics provided insightful career advance to the trainees. This session was a highlight of this symposium. The organizer also received 25 abstracts; 4 were selected for short talks. Nine poster and short talk presenters were selected as the winner for the best presentation award. The abstract selection committee consisted of Drs. Bin Gao of NIAAA, Yang Liu of Children's National, Bin Zhao and Ling Yang, president and vice president of NIH-CSSA, respectively. Dr. Yufei Jiang, the secretary of the SCBA DC Baltimore Chapter, effectively managed all meeting logistics. Many volunteers from the NIH-CSSA also helped with the meeting. Dr. Shi Yang from the Harvard University delivered an outstanding keynote lecture. The SCBA DC Baltimore Chapter symposium was a great success.



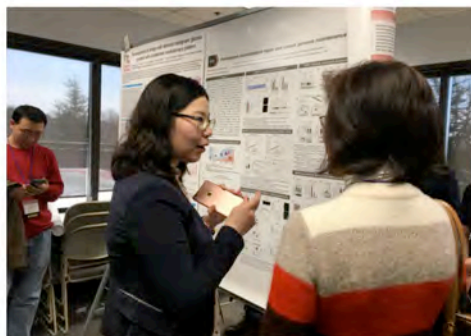
Dr. Ming Lei of National Cancer Institute gave a career development lecture.



A crowded poster hall



At the career discussion panel.



Dr. Jingping Liu of NCI explained her research to Dr. Wei Yang of NIDDK.



Outstanding presentation award finalists



Meeting group picture

2017 ELECTION RESULTS

PRESIDENT-ELECT (Term: January 1, 2020 – December 31, 2021)

HUI ZHENG, Ph.D.

Current Position:

Huffington Foundation Endowed Chair in Aging
Director, Huffington Center on Aging
Professor, Department of Molecular and Human Genetics,
Baylor College of Medicine

Education and Training:

1980-1984, B.S., Chemistry, Peking University, Beijing, China
1985-1990, Ph.D., Biochemistry, Baylor College of Medicine, Houston, Texas
1990-1991, Postdoctoral Fellow, Genetics, Baylor College of Medicine, Houston, Texas

Appointments:

1991-1995, Senior Research Biologist; 1995-1999, Research Fellow, Merck & Co. Inc.,
Rahway, New Jersey
1999-2002, Assistant Professor, Department of Molecular and Human Genetics, Baylor
College of Medicine
2002-2006, Associate Professor, Department of Molecular and Human Genetics, Baylor College of Medicine
2006-present, Professor, Department of Molecular and Human Genetics, Baylor College of Medicine
2010-present, Director, Huffington Center on Aging, Baylor College of Medicine



Research Interests:

My laboratory has a long-standing interest in understanding the pathophysiological mechanisms leading to Alzheimer's disease. The combination of industry and academic experience afford me a unique perspective in both basic research and drug development. Our main interest currently is to understand the role of the autophagy and lysosomal pathway and neuron-immune interaction in disease pathogenesis and therapy development.

SCBA Services:

• SCBA-Texas Chapter

2007-2008: President-elect, SCBA-Texas Chapter
2008-2009: President, SCBA-Texas Chapter
Major responsibilities: a) In charge of Chapter communications and bi-weekly evening faculty research social; b) Organized and chaired the Chapter annual symposium consisting of plenary and keynote presentations, trainee presentations and judging, and election; c) Organized a fundraising effort and raised ~\$17,000 for the Sichuan earthquake disaster relief.
2006-present: Member of the organizing committee of the SCBA-Texas annual symposium.

• National SCBA

2012-2017: Council member, SCBA
2014-2015: Treasurer, SCBA
Major responsibilities: a) In charge of the SCBA financial transactions, book-keeping, tax returns, and SCBA nonprofit status filing; b) Co-Chaired the Nomination Committee with Dr. Kun-Liang Guan; c) Worked with SCBA President Dr. Dihua Yu and Secretary Dr. Gensheng Feng and others in the leadership team to organize the 2015 SCBA biennial conference in Taipei.

Non-SCBA Services and Leadership Positions:

2003-2007: Member, 2007-2008: Chair, Neuroscience of Aging Review Committee, NIA/NIH
2013: Co-organizer, Keystone Symposium, Alzheimer's disease, Keystone, Colorado
2010-2016: Member, Cellular & Molecular Neurodegeneration (CMND) Study Section, NIH
2008-2017: Member, 2017-present: Co-Chair, Scientific Advisory Committee, BrightFocus Foundation
2009-present: Co-Chair, Program Committee, International Conference on Molecular Neurodegeneration: Xiamen, China, 2009; Shanghai, China, 2011; Cannes, France, 2013; Seoul, Korea, 2016; Stockholm, Sweden, 2018.
2011-present: Member, Medical and Scientific Advisory Council, Alzheimer's Association

SECRETARY-ELECT (Term: January 1, 2020 – December 31, 2021)**LEE ZOU, Ph.D.****Current Positions:**

Professor of Pathology (tenured), Harvard Medical School
 Associate Scientific Director,
 Massachusetts General Hospital (MGH) Cancer Center
 James and Patricia Poitras Endowed Chair in Cancer Research

Education and training:

1992 B.S. in biochemistry, Sun Yat-Sen University, China
 1994 M.S. in biochemistry, Kansas State University
 1999 Ph.D. in molecular genetics, Stony Brook University & Cold Spring Harbor
 Laboratory
 2000-3 Postdoc fellow, HHMI/Baylor College of Medicine
 2003-4 Postdoc fellow, HHMI/Harvard Medical School

**Research interest:**

The research of my laboratory is focused on understanding how genomic integrity is maintained in normal cells and how genomic instability arises in cancer cells. In addition, we seek to identify new ways to exploit the genomic instability in cancer cells for cancer therapy. I and my colleagues have extensively studied how DNA damage is sensed and signaled in human cells. In particular, we have made important contributions to the understanding of how the ATR checkpoint pathway is activated by DNA damage and DNA replication problems. Our work has laid the foundation for current models of DNA damaging signaling and DNA damage responses. My lab has also identified specific vulnerabilities in distinct subsets of cancers that render cancer cells susceptible to inhibition of the ATR checkpoint. These studies have provided new opportunities for targeted cancer therapy.

Past Service to SCBA:

2014-5 Elected Member, the SCBA Membership Committee
 2017 Keynote Speaker, Annual Symposium of the SCBA Texas Chapter

Selected Services, Honors and Awards:

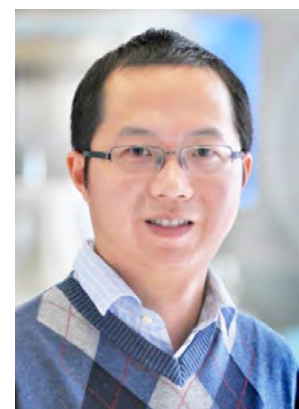
2000 Faye Sarofim Fellow (named fellow), the Damon Runyon Cancer Research Fund
 2004 The Smith Family New Investigator Award, the Medical Foundation
 2005 V Scholar, the V Foundation for Cancer Research
 2007 New Scholar in Aging, the Ellison Medical Foundation
 2008 American Cancer Society Research Scholar
 2009 The One Hundred Award, MGH Cancer Center
 2009 Member, Faculty of 1000
 2011 Member, Editorial Board, Molecular and Cellular Biology
 2011 Scholar, Leukemia & Lymphoma Society
 2011 The Jim & Ann Orr MGH Research Scholar
 2011 Senior Scholar in Aging, the Ellison Medical Foundation
 2012 Member, Editorial Board, Journal of Biological Chemistry
 2014 The Breakthrough Award, Department of Defense
 2014 Member, Editorial Board, Molecular Cell
 2015 The Kraft Prize for Translational Research, MGH
 2016 James & Patricia Poitras Endowed Chair in Cancer Research
 2016 Member, Editorial Board, Cancer Research

TREASURER-ELECT (Term: January 1, 2020 – December 31, 2021)**YONG XU, Ph.D., M.D.****Current Position:**

Associate Professor
 USDA/ARS Children's Nutrition Research Center
 Department of Pediatrics
 Baylor College of Medicine

Education and Training:

1994-1999, Bachelor of Medicine, Tongji Medical University, Wuhan, China
 1999-2002, Master of Medical Science, Tongji Medical College, Huazhong University of Science and Technology, Wuhan, China
 2002-2006, PhD, Cell Biology, University of Alberta, Edmonton, Alberta, Canada
 2006-2009, Postdoctoral Fellow, Neuroendocrinology, UT Southwestern Medical Center, Dallas, Texas

**Appointments:**

2009-2010 Instructor, Department of Internal Medicine, UT Southwestern Medical Center
 2010-2016 Assistant Professor, Children's Nutrition Research Center, Department of Pediatrics, Baylor College of Medicine
 2012-2016 Joint Assistant Professor, Department of Molecular and Cell Biology, Baylor College of Medicine
 2016-now Associate Professor, Children's Nutrition Research Center, Department of Pediatrics, Baylor College of Medicine
 2016-now Joint Associate Professor, Department of Molecular and Cell Biology, Baylor College of Medicine

Research Interests:

The goal of my research is to identify the novel neural circuits, neurotransmitters and intracellular molecules in the brain that are critical for control of feeding behavior, body weight, glucose balance and blood pressure. I hope that results from my research will identify rational targets for developing therapeutic strategies for obesity, eating disorders, diabetes and hypertension.

SCBA Services:

- *SCBA-Texas Chapter*

2014-2015: President Assistant, SCBA-Texas Chapter
 2015-2016: Secretary, SCBA-Texas Chapter
 Major responsibilities: a) In charge of Chapter communications; b) Circulate announcements of bi-weekly evening faculty research social; c) Participated in the organization of the Chapter annual symposium consisting of plenary and keynote presentations, trainee presentations and judging, and election; c) Participated in the organization of symposium in Baoding.
 2014-present: Member of the organizing committee of the SCBA-Texas annual symposium.

Non-SCBA Services and Leadership Positions:

Chair for 2012 World Congress Endocrinology
 Chair for 2015 ENDO Society, *Regulation of feeding and lipid*
 Chair for 2016 Keystone Symposium of Obesity
 Chair for 2017 SCBA National Conference, *Metabolic diseases*
 Ad Hoc Member, NIH, ZRG1 IFCN-H, May 2013
 Ad Hoc Member, NIH, EMNR-P Review Group, March 2013
 Ad Hoc Member, ADA Novo Nordisk Research Grant IH, May 2012
 Ad Hoc Member, UK Diabetes, February 2012
 Ad Hoc Member, UK Biotechnology and Biological Sciences Research Council, March 2017
 Ad Hoc Member, UK Medical Research Council, March 2017

COUNCILOR-ELECT (Term: January 1, 2018 – December 31, 2021)**MINGYAO LIU, MD, MSc****Current Position:**

Professor of Surgery, Medicine and Physiology

Director, Institute of Medical Science
 Faculty of Medicine, University of Toronto (UT)
 Senior Scientist, Head of Respiratory and Critical Care Research
 Toronto General Hospital (TGH), University Health Network (UHN)



Education and Training:

M.D., 08/1978-08/1983 Medicine, Second Military Medical University
 M.Sc., 09/1983-08/1986 Pathophysiology, Second Military Medical University
 07/1990-03/1994 Research Fellow, SickKids Research Institute, Toronto, Canada

Previous Positions:

02/1988-06/1990 Assistant Research Professor, State University of New York at Buffalo
 10/1994-06/2000 Assistant Professor, University of Toronto
 04/1996-05/2001 Staff Scientist, Toronto General Hospital Research Institute
 07/2000-06/2004 Associate Professor, Depts. of Surgery, Medicine and Physiology, UT
 09/2000-06/2005 Coordinator for Graduate Education, Institute of Medical Science, UT
 06/2001-present Senior Scientist, TGRI, UHN
 07/2004-present Professor, Depts. of Surgery, Medicine and Physiology, UT
 07/2005-06/2007 Associate Dean (Life Science), School of Graduate Studies, UT
 07/2005-07/2011 Director, Center for Research Education and Training, UHN
 07/2007-06/2010 Director, International Research Relations, Faculty of Medicine, UT
 07/2012-06/2014 Associate Director, Institute of Medical Science, Faculty of Medicine, UT
 07/2014-12/2014 Interim Director, Institute of Medical Science, Faculty of Medicine, UT
 01/2015- present Director, Institute of Medical Science, UT

Research Interests:

My research is to study the cellular and molecular mechanisms of acute lung injury, especially in lung transplantation. We demonstrated that lung epithelial cells as a source of cytokines in inflammatory response, intracellular signal transduction pathways as therapeutic targets, and roles of multiple cell death pathways in acute lung injury. We have developed nanoparticle based drug delivery systems. A drug discovery/delivery pipeline has been developed, including cell culture for high throughput screening for therapeutic targets, mouse/rat lung transplant models for in vivo testing, and pig lung transplant and ex vivo lung perfusion system for pre-clinical trials. We also discovered a novel adaptor protein, XB130, for signal transduction, and demonstrated its role in cell survival, proliferation, migration and regulation of gene expression. Using xb130 knock mice, we are studying the role of XB130 in lung injury and repair.

Previous services to SCBA:

Member, Society of Chinese Bio-Scientists in America, 1998-present
 Member, Executive Committee, SCBA Toronto Chapter, 2000 – 2005, 2008-present
 President, SCBA Toronto Chapter, 2001-2003
 Chair, Second SCBA/CCABP Scientific Symposium, Scientific Program, 2001, 2002, 2008
 Member, SCBA International Conference, Scientific Program Committee, June 2002-July 2004
 Co-Chair, SCBA International Conference, Workshop Beijing, China, July 19 2004
 Member, Membership Committee, Society of Chinese Bio-Scientist in America, 2007-2010
 SCBA Toronto Chapter Scientific Symposium Organization Committee, Member
 2002 - 2005, 2009-2017

Selected Accomplishments and Honours:

2000-2005 Premier's Research Excellent Award, Ontario, Canada
 2006 Mel Silverman Mentorship Award, Institute of Medical Science, UT
 2013 Queen Elizabeth II Diamond Jubilee Medal, Government of Ontario

WEI YANG, Ph.D.**Current Positions:**

Distinguished Investigator &
Chief of Structure and Mechanism Section Laboratory of Molecular Biology, NIDDK
National Institutes of Health

Education and training:

B.A., Biochemistry, SUNY at Stony Brook (NY), 1985
Ph.D., Biochem. & Mol. Biophys, Columbia University (NY), 1991
Postdoc fellow, Columbia University (NY), 1991-2
Postdoc fellow, Yale University (CT), 1992-5

Previous Positions:

1995 - 2000 Tenure-track group leader, NIDDK, NIH
2000 – 2004 Tenured investigator, NIDDK, NIH
2004 – present Section Chief, NIDDK, NIH
2016 – present Distinguished Investigator, NIDDK, NIH
2004 – 2015 Adjunct professor at Johns Hopkins Medical School

**Research Interest:**

My lab investigates DNA translesion synthesis, mismatch and excision repair, and V(D)J recombination. We discovered the ATPase activity of MutL, the proofreading function of the MutS ATPase, and the mechano-chemical coupling nature of ATP hydrolysis in a molecular motor. While studying mechanisms of cancer avoidance by translesion DNA polymerases, recently we have discovered the three-metal-ion mechanism in nucleic acid synthesis and degradation.

Past services to SCBA:

President Baltimore-Washington DC SCBA Chapter, 2013-2014

Selected Honors and Awards:

The 2002 Bea Singer Young Investigator Award (sponsored by the GRC)
The 2011 Dorothy Crowfoot Hodgkin award (sponsored by the Protein Society)
American Association for the Advancement of Science (AAAS) fellow, since 2012
National Academy of Sciences (NAS), member since 2013
American Academy of Arts and Sciences (AAAS), member since 2015
SCBA Presidential Award, 2015
The 2017 Mildred Cohn Award in Biological Chemistry (sponsored by ASBMB)

NOMINATION COMMITTEE (Term: January 1, 2018 – December 31, 2019)**ZHONG-PING FENG, MD, Ph.D. - Chair****Current Position**

Professor (Tenured) & Graduate Coordinator, Physiology
Director, Collaborative Program In Neuroscience
Member, Academic Board of the Governing Council
University of Toronto
Treasurer, Canadian Physiological Society
Executive Committee Member, SCBA Toronto Chapter



WENYI WEI, Ph.D.

Current Positions:

Associate Professor, Dept. of Pathology
Beth Israel Deaconess Medical Center, Harvard Medical School



HUILIN ZHOU, Ph.D.

Current Position:

Associate member, Ludwig Institute for Cancer Research
Professor, Department of Cellular and Molecular Medicine, University of California,
San Diego, CA



YANG LIU, PhD

Director, Center for Cancer and Immunology Research
Bosworth Chair Professor for Cancer Biology and Immunology
Children's Research Institute
Children's National Medical Center
George Washington University
Washington, DC



XIAO-JING WANG, M.D., Ph.D.

Professor, Department of Pathology
John S. Gates Endowed Chair of Cancer Stem Cell Biology
Director, Head and Neck Cancer Research Program,
University of Colorado Anschutz Medical Campus



NAN-PING WENG, M.D., Ph.D.

Current Positions:

Senior Investigator, Chief of Lymphocyte Differentiation Section
Laboratory of Molecular Biology and Immunology
National Institute on Aging
National Institutes of Health



MEMBERSHIP COMMITTEE (Term: January 1, 2018 – December 31, 2019)

Zhe Han, Ph.D., Chair

Current Position

Associate Professor
Children's National Medical Center
Department of Pediatrics
George Washington University School of Medicine



Xue Sean Li, Ph.D.

Current Position

Associate Professor
Department of Surgery and Urology
Boston Children's Hospital
Harvard Medical School



Ji Luo, Ph.D.

Current Position

Investigator
National Cancer Institute
National Institutes of Health
Bethesda, Maryland



Dong Wang, Ph.D.

Current Position

Associate Professor
Department of Cellular and Molecular Medicine
School of Medicine
University of California, San Diego



S. Victor Hsia, Ph.D.

Current Position

Professor and Chair
Pharmaceutical Sciences
School of Pharmacy
University of Maryland East Shore



Boyi Gan, Ph.D.

Current Position

Assistant Professor
University of Texas MD Anderson Cancer Center





MEET OUR NEW MEMBERS

The Society of Chinese Bioscientists in America (SCBA) is the largest professional society for Chinese bioscientists in the world. 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:

Life Membership:

Dr. Weihang Chai, Washington State University
 Dr. Ting Chen*, National Institute of Biological Sciences, Beijing
 Dr. Bo Gao*, The University of Hong Kong
 Dr. Jia Geng*, State Key Laboratory of Biotherapy, West China Hospital, Sichuan University
 Dr. Bin He, Baylor College of Medicine
 Dr. Wenwei Hu, Rutgers Cancer Institute
 Dr. Juling Ji*, Nantong University
 Dr. Tengchuan Jin*, University of Science and Technology of China
 Dr. Wenliang Li, McGovern Medical School of UT Health
 Dr. Zhimin Lu, MD Anderson Cancer Center
 Dr. Xiujuan Shi*, Tongji University School of Medicine
 Dr. Qingchun Tong, The University of Texas, McGovern Medical School
 Dr. Qianfan Wang*, Chinese Academy of Science
 Dr. Yong Xu, Baylor College of Medicine
 Dr. Zhi-Ming Yuan, Harvard University, Chan School of Public Health
 Dr. Chun-Li Zhang, UT Southwestern Medical Center
 Dr. Sheng Zhang, The University of Texas Health Science Center
 Dr. Xinyang Zhao, The University of Alabama
 Dr. Yueshui Zhao, The University of Texas
 Dr. Jing Zhou, Harvard Medical School
 Dr. Lee Zou, MGH Cancer Center

Regular Membership:

Dr. Hongwu Chen, UC Davis School of Medicine
 Dr. Xiaowei Chen*, Third Military Medical University
 Dr. Li-Qun Gu, University of Missouri
 Dr. Haitao Guo, Indiana University, School of Medicine
 Dr. Nan Hao, UC San Diego
 Dr. Xiao-Ming Li*, Zhejiang University, School of Medicine
 Dr. Hong Lian*, Zhejiang University, School of Medicine
 Dr. Jian-Feng Lu, AskGene Pharma
 Dr. Minmin Luo*, National Institute of Biological Sciences, Beijing
 Dr. Guangxun Meng*, Chinese Academy of Science
 Dr. Robert Tsai, Texas A&M Health Science Center
 Dr. Dianqing Wu, Yale School of Medicine
 Dr. Hao Wang*, Zhejiang University

Dr. Sui Wang, Stanford University
 Dr. Xiaohua Wu, The Scripps Research Institute
 Dr. Fen Xia, University of Arkansas for Medical Sciences
 Dr. Zhigeng Xu*, Institute of Genetics and Developmental Biology, CAS
 Dr. Qin Yang, UC Irvine
 Dr. Sun Yi*, Zhejiang University
 Dr. Yong-Chun Yu*, Institutes of Brain Science, Fudan University
 Dr. Yi Zeng*, Institute of Biochemistry and Cell Biology, CAS
 Dr. Jianjun Zhao, Lerner Research Institute
 Dr. Fengqun Zhou, Johns Hopkins University, School of Medicine
 Dr. Qing Zhang*, Nanjing University
 Dr. Yi-Shuian Huang*, Institute of Biomedical Sciences, Academia Sinica
 Dr. Chi-Lin Wu*, Chang Gung University, Taiwan
 Dr. Wenhui Li*, National Institute of Biological Sciences, China
 Dr. Junying Yu*, NuwaCell, China

*International

Sincerely,



Xi He, Ph.D.
Co-Executive Director



Chris Lau, Ph.D.
Co-Executive Director

SCBA Newsletter is an official quarterly publication of the Society of Chinese Bioscientists in America. For more information, please visit SCBA website: <http://www.SCBAociety.org/>.

Newsletter Editor: Binghui Shen, Ph.D.
 (BShen@coh.org)

Production Editor: Chris Lau, Ph.D.
 (chris.lau@ucsf.edu)

Copyright © 2017.
 Society of Chinese Bioscientists in America.
 All rights reserved.

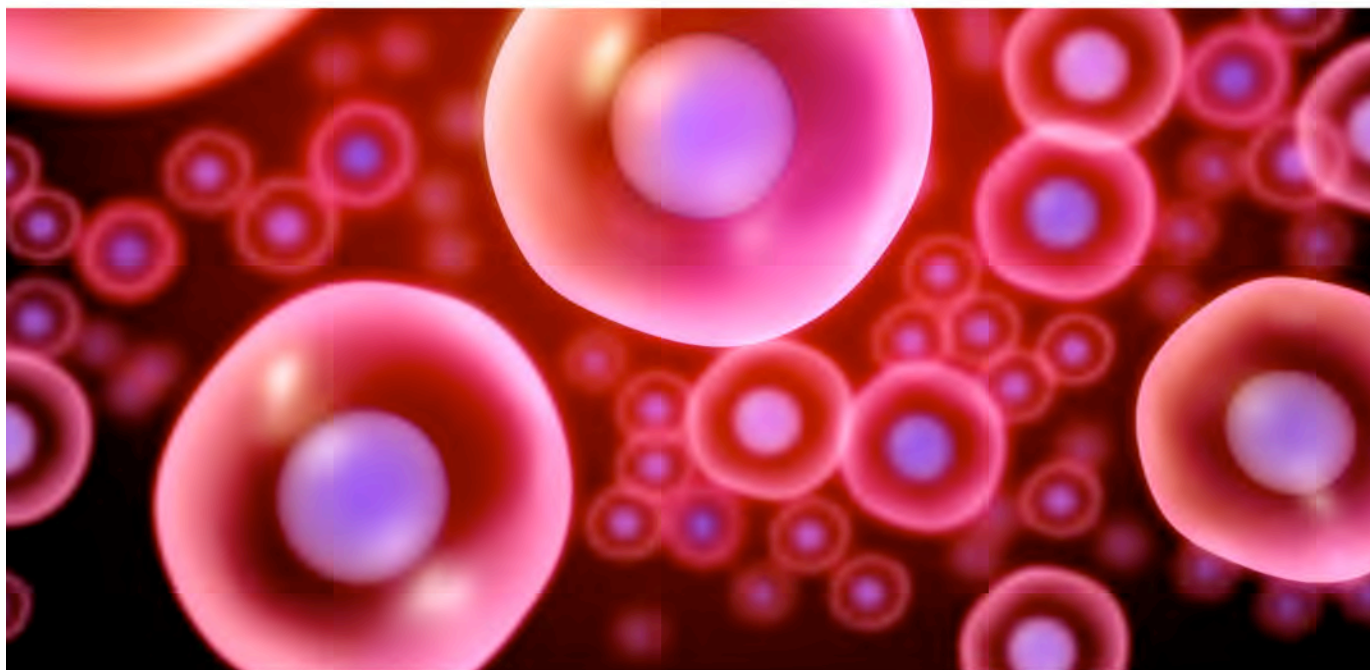
Publish your next research article in

Cell & Bioscience

Average time to first decision 25 days


Editor-in-Chief: Yun-Bo Shi (USA)

IMPACT
FACTOR
3.29



Cell & Bioscience is an open access, peer-reviewed journal that encompasses all areas of life science research.

Official journal of the [Society of Chinese Bioscientists in America](#).

美洲華人生物科學學會 
Society of Chinese Bioscientists in America

Don't forget, if your institution is a member of BioMed Central you are entitled to a 15% discount for publishing in *Cell & Bioscience*.

 **Cell & Bioscience**

cellandbioscience.com

 **BioMed Central**
The Open Access Publisher

biomedcentral.com