



美洲華人生物科學學會



Society of Chinese Bioscientists in America

December 2017

Newsletter Editor: Binghui Shen, Ph.D.

NEWSLETTER

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FROM THE PRESIDENT'S DESK.....

Dear SCBA Members:

Welcome to the December issue of the SCBA Newsletter. Today is Christmas and we in Boston woke up to a white Christmas due to an overnight snow. This is the first time in many years when we actually had a white Christmas. Looking out the window the landscape is covered by unspoiled, white powdery snow – a good time to stay indoors and celebrate the holidays with family and friends or go out and ski to your heart's content. For those members who are not in the snow-covered states, enjoy the holiday reason all the same. Enjoy spending time with families and friends; after all, that is what holidays are all about.

Time flies. My two-year tenure as President of SCBA is about to end. I feel very fortunate to have had the opportunity to work with so many talented and devoted SCBA members, starting with the SCBA leadership team including Dr. Binghui Shen, Dr. Ying Zhang, the executive directors Dr. Chris Lau and Dr. Xi He. I am grateful for their dedication to SCBA and for the support of all SCBA members. At the conclusion of our two-year tenure, I am happy to report that SCBA has grown in size. Specifically, we have added 2 new local chapters, Boston and Indiana, in addition to the existing Texas (Houston), Washington, DC/Baltimore, and Toronto chapters. We have also added a new division, the Hepatology division. Furthermore, our membership drive resulted in the addition of over 160 new members. As you all know, we had a successful SCBA biannual meeting in Hangzhou this year, which required significant financial investment. Despite that, SCBA remains fiscally sound and healthy, and we have more reserves now than two years ago due to careful budget management, generous donations and increased membership. We very much appreciate the donations from a number of generous donors including the Kenneth Fong Foundation, which provided support to the SCBA major awards as well as Travel and Poster awards.

The SCBA will soon be transitioned to highly capable hands of the new leadership team headed by Dr. Paul Liu. I wish the new leadership the best of luck and I look forward to the continued success of SCBA.

Have a wonderful 2018.

Sincerely,



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



NOTES FROM THE SECRETARY

Dear SCBA Members,

It has been a great pleasure and once-in-a-lifetime experience for me to work for the SCBA society and to work with such great people with similar cultural backgrounds for the last two years. I had opportunities to interact not only with the SCBA leadership including Drs. Yang Shi, Ying Zhang, Chris Lau and Xi He, but also with many society members and great scientists who were willing to share their valuable experience, including our former secretary Dr. Gensheng Feng. I also felt fortunate that I was able to contribute my time and efforts to the society.

About this time last year, I was assigned to be in charge of the meeting logistics and to smooth out the meeting program details under guidance of the leadership and the program committee. I was able to make a few trips to strengthen our partnership with SCBMB and to raise the funds for our biannual meeting held in June-July in Hangzhou. I was very happy to see the meeting turned out to be a great success. For the last two years, I have been serving as the SCBA newsletter editor and did 7 editions in aim to facilitate the communications among the divisions, chapters, and membership. I was very happy to hear the feedback from some of you. It is very important to improve communications for a better society. I am pretty sure that my successor Dr. Jianming Xu will excel in this aspect.

In the end of my tenure as the society secretary, I would like to thank many people who have helped me to do a better job including the council members and DDR friends. I wish each and every SCBA society member a very happy new year!

Sincerely,



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

NOTES FROM THE TREASURER

Dear Members of the SCBA,

My two-year term of the SCBA treasurer will end by December 31, 2017. I would like to take this opportunity to thank you for your strong support and trust during the past two years. I am pleased to report that the SCBA total assets has a net increase of approximately \$25,000. Our revenue is mainly from donations and membership dues. The number of lifetime, regular and trainee members increased more than 160 within the past two years.

Our biannual international symposium received strong support from CSBMB, many local Chinese institutions, hospitals and companies. Together they covered major meeting expenses. In addition, with donation from Dr. Kenneth Fong, we were able to provide monetary awards to recipients of SCBA major awards as well as Travel and Poster awards.

Major expenses in the past two years went to support local chapter and division activities and service fee paid to Dr. Xi He's assistant.

Last SCBA council meeting formerly approved to establish a SCBA finance committee, consisting of current treasurer, immediately-past treasurer, and treasurer-elect. I look forward to continuing my service as a member of newly established SCBA Finance committee under the leadership of Dr. Pan Zheng, the incoming 2018-2019 treasurer.

Wishing you all a happy and prosperous new year!

Respectfully yours,

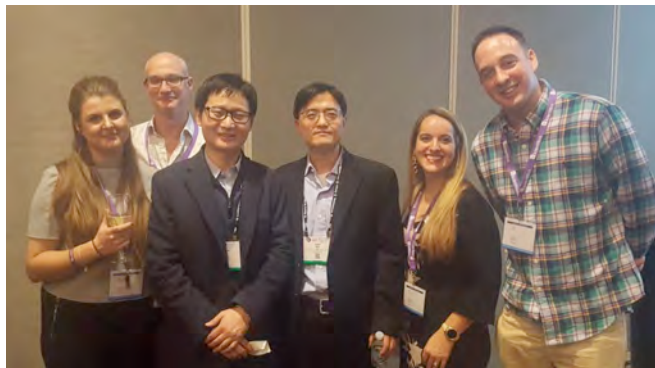


Ying Zhang, Ph.D.
SCBA Treasurer, 2016-2017

NEWS FROM THE LOCAL CHAPTERS

CHINESE SCHOLAR SATELLITE SOCIAL EVENT
SOCIETY FOR NEUROSCIENCE ANNUAL MEETING-2017

Written by Yuan Zhu, Ph.D.



On the behalf of the SCBA, Dr. Long-Jun Wu and I hosted a Chinese Scholar Satellite Social Event for Chinese students and scholars in neuroscience during the 47th annual meeting of the Society for Neuroscience (SFN) on November 11, 2017. The event was held at Renaissance Hotel, Washington DC. The event attracted more than 200-300 meeting participants - most of them are Chinese students and scholars but also had a significant number of neuroscientists from other countries including Great Britain and Mexico.



At this year's event, we had three speakers. Dr. Zhigang He, a world-renowned neuroscientist in nerve regeneration at Children's Hospital at Boston and Harvard Medical School, gave a lecture on his experiences in the development of his outstanding research career. Dr. Wei Li, a neuroscientist at the National Eye Institute of the National Institutes of Health, shared some of his exciting research in cold-temperature induced nerve regeneration. The third speaker at the event, Dr. Chenjian Li from Peking University, introduced the audience to the Chinese version of a textbook "Principles of Neurobiology", which was originally written in English by Dr. Liqun Luo, Stanford University. This exciting event provides an opportunity for neuroscience students and scholars from different areas (academia and industry) to interact and establish potential collaboration. More importantly, this event also offers a venue for young students and trainees to learn from established scientists in academy as well as industry.



NEWS FROM THE LOCAL CHAPTERS: INDIANA

This is to announce that the Indiana Chapter of The Society of Chinese Bioscientists in America (SCBA) will be officially formed in December, 2017. The chapter is centered at Indianapolis with members throughout the state of Indiana. Its members are American Chinese scientists in any biological and medical disciplines from a number of major research institutions, organizations, and pharmaceutical and biotechnological industries, including but not limited to Indiana University, Purdue University, IUPUI, University of Notre Dame, Indiana State University, Eli Lilly & Co., and Covance. Many of our members are leaders in their research fields and are making significant contributions through innovative research and passionate educational endeavors. The Indiana Chapter of SCBA is aimed to enhance scientific and educational interactions among SCBA members and with other academic societies and organizations. We will also strive to promote the career development of our members by outreach activities in addition to traditional society activities and functions.

The primary mission of the Indiana Chapter is:

- To promote the research activities of its members.
- To tackle the challenges in obtaining research funding.
- To establish and enhance collaborations in biological and medical research and education.
- To improve career development of its members.
- To facilitate professional networking among members.
- To increase the impact of American Chinese bioscientists.
- To mentor the next generation of American Chinese bioscientists in research and career development.

The Chapter will serve as a hub for Chinese bioscientists in Indiana to interact, collaborate, and succeed.

For the Chapter to accomplish its mission of promoting the success of our members, we will also strengthen our interactions with SCBA headquarters and other local chapters. We will build up functional connections with other professional societies that have a similar mission to promote the benefits of scientists of Chinese origin in Indiana.



The President of the SCBA Indiana Chapter
Dr. Jingwu Xie
Professor, Herman B Wells Center for Pediatric Research
Indiana University School of Medicine



The Secretary of the SCBA Indiana Chapter
Dr. Haitao Guo
Associate Professor, Department of Microbiology and Immunology
Indiana University School of Medicine



The Treasurer of the SCBA Indiana Chapter
Dr. Xiongbin Lu
Professor, Department of Medical and Molecular Genetics
Indiana University School of Medicine

Contact Information for interested members to join the chapter:

Jingwu Xie, Email: jinxie@iu.edu, Tel: 317-278-3999

Haitao Guo, Email: haitguo@iupui.edu, Tel: 317-274-0530

Xiongbin Lu, Email: xiolu@iu.edu, Tel: 317-274-4398



NEWS FROM THE LOCAL CHAPTERS:

- 1) Dr. Ren-Ke Li, the former President of SCBA Toronto Chapter became a **member of Expert Advisory Committee**, China's State Council, Overseas Chinese Affairs Office.
- 2) Dr. Haibo Zhang, a life member of the SCBA Toronto Chapter has been recently elected as 2017 Canadian Academy of Health Sciences (CAHS) Fellows. Dr. Zhang is a Professor in the Departments of Anaesthesia and Physiology and the Interdepartmental Division of Critical Care Medicine at the University of Toronto. He is a Chang-Jiang Scholar in Medicine in China; Yangcheng Research Chair in Respiratory Medicine in Guangzhou, China. Dr. Zhang is an international expert in lung infection and immunity, lung repair and regeneration, who has significantly advanced the fields of ventilator-induced lung fibrosis, endotoxin signalling and stem cell treatment in lung injury and sepsis. He also leads the Canada-China Joint Research Centre for Respiratory Disease, a large and unique basic and clinical research program in Guangzhou focusing on the mechanisms and therapy in epidemic respiratory diseases.
- 3) Dr. Fang Liu, a life time SCBA member, met Prince Harry while he visited The Centre for Addiction and Mental Health in Toronto on Sept 23, 2017. Dr. Liu introduced her research on PTSD to the Prince. Dr. Liu was also interviewed by the UK "Mirror".
- 4) The first China-Canada-USA Pharmacology/Physiology Conference (www.ccuppc.org) was held at the University of Toronto (Toronto, Canada) from June 25th to 30th, 2017. The conference provided a new platform for Chinese, Canadian and USA scientists to present and discuss their work in the field of Pharmacology and Physiology, facilitating cutting edge research through the sharing of ideas and/or the initiation of new research collaborations. The conference was supported by the Faculties of Medicine and Pharmacy at the University of Toronto, in collaboration with the Chinese Pharmacological Society (CHPHARS), the Guangdong Provincial Pharmacological Society (China), the Canadian Physiological Society, and the Canadian Society of Pharmacology and Therapeutics, as well as the North American Chapter Chinese Pharmacological Society, the North American Chinese Pharmacological Association, the Toronto Chinese Professors Association, Society of Chinese Bioscientists in America (SCBA) Toronto Chapter, University of Toronto Chinese Students and Scholars Association (UTCSSA), and other organizations and individuals that are not mentioned here (see www.ccuppc.org for details). Dr. Zhong-Ping Feng (the former President of SCBA Toronto Chapter) and Dr. Hong-Shuo Sun (President-elect of SCBA Toronto Chapter) chaired the conference. At the conference, Dr. Zhong-Ping Feng gave a welcome speech to all the speakers and attendees to the event and highlighted the major activities, and introduced the conference organizing committee. Dr. Heather Boon, Dean of Leslie Dan Faculty of Pharmacy from Uof T, Dr. Lynn Wilson, vice dean of Faculty of Medicine from U of T, Professor. Nanshan Zhong, academician of Chinese Academy of Engineering from China, Professor. Guan-Hua Du, President of Chinese Pharmacological Society from China, Dr. Emanuel Escher, President of Canadian Society of Pharmacology & Therapeutics, Dr. Catherine Chan, President, Canadian Physiological Society, Dr. Dayue Darrel Duan and Dr. Kevin Chun-Xiang Zhang, President of North American Chinese Pharmacological Association from USA, and Mr. Yiqun Zhang, Education Consul in the Consulate of the People's Republic of China in Toronto welcome everyone and emphasized the important ties and relationships between China, Canada and USA, expressed their support to the CCUPPC, acknowledged the organizers, and wished a successful conference. The conference included plenary, regular and young investigator sessions as well as poster session. Many local SCBA members served in the local organizing committee, as advisors and speakers, including Zhong-Ping Feng (Chair), Hong-Shuo Sun (Chair), Jim Hu, Tianru Jin, Ren-Ke Li, Fang Liu, Mingyao Liu, Heyu Ni, Yufeng Tong, Xiao-Yan Wen, Shirley Wu, Burton Yang, and Haibo Zhang, and more. For full program, speaker list, sponsors and volunteers, please refer to www.ccuppc.org. Acta Pharmacologica Sinica published the conference proceedings and has also proposed a Special Issue for the CCUPPC conference. Please visit CCUPPC website (www.ccuppc.org) for all details.
- 5) In the 16th SCBA International Symposium, many members of SCBA Toronto Chapter attended this biannual International Symposium in Hangzhou, China from June 29th to July 2nd, 2017. Dr. Jim Hu, Dr. Burton Yang, Dr. Peter Liu, Dr. Xiao-Yan Wen, Dr. Chun Peng, and Dr. Heyu Ni presented their research work. Drs. Hu, Wen, Peng, and Ni also chaired sessions. Importantly, Dr. Xi Huang, a new life member of SCBA Toronto Chapter won the Excellent Poster Award. A graduate student, Xiaohong (Ruby) Xu, from Dr. Heyu Ni' laboratory also won the Excellent Poster Award as well as The Joseph Li Travel Award.



The photo shows student Xiaohong (Ruby) Xu (4th from the left) and the Assistant Professor, Xi Huang (5th from the left) on the stage receiving their awards.

6) October 8, 2017, Dr. Heyu Ni, the President of SCBA Toronto Chapter gave a plenary speech in the Third Canadian International Chinese Medicine & Acupuncture Conference: Human Health – strategies of innovation and traditional medicine in the Markham Civic Centre, Markham, ON, Canada. Dr. Ni briefly introduced the versatile roles of platelets in thrombosis and homeostasis, inflammation, immune response, atherosclerosis, angiogenesis and lymphatic vessel development, liver regeneration, and tumor metastasis. He then presented several discoveries from his own research group including 1) The effects of acupuncture on the chronic response against atherosclerosis via lipid metabolism, 2) Inhibitory effect of plant food anthocyanins on platelet activities and thrombosis, 3) Snake venom products in anti-thrombotic therapies, and 4) the novel mechanism of Dan Shen (*Salvia miltiorrhiza* root) products (MLB and SAB) in controlling cardiovascular diseases. His interesting and humorous presentation was very well received by the audience.



The photo shows Dr. Ni (left) receiving a presentation award after his talk.

In the afternoon of October 8, 2017, the leaders of Guangzhou University of Chinese Medicine, the President (Shengnian Wang), Vice President of Research (Nenggui Xu) visited St. Michael's Hospital and Li Ka Shing Knowledge Institute/Keenan Research Centre where they discussed the future collaborations with several SCBA members, Dr. Burton Yang, Dr. Xiao-Yan Wen, and Dr. Heyu Ni as well as a group of graduate students, postdoctoral fellows and technologists. Dr. Heyu Ni, who is also the Platform director for Hematology, Cancer, and Immunological Diseases at the hospital, introduced the research facility in the platform to the guests.



The photo shows Dr. Ni (5th from the left) and the President Wang (6th from the left) and the vice President Xu (4th from the left) in the Keenan Research Centre, Li Ka Shing Knowledge Institute, St. Michael's Hospital.



NEWS FROM THE SCBA DIVISIONS

MINUTES FOR 3RD ANNUAL MEETING OF THE HEMATOLOGY DIVISION, SOCIETY OF CHINESE BIOSCIENTISTS IN AMERICA

Under the leadership of Dr. Yi Zheng (Cincinnati Children's Hospital, President of SCBA-HD), Dr. Linzhao Cheng (Johns Hopkins University, President-Elect), and with the help of other organization committee members including Dr. Linheng Li (Scientific Program, Stowers Institute), Dr. Jing Zhang (co-Treasurer, University of Wisconsin), Dr. Ying Liang (co-Treasurer, University of Kentucky) and Dr. Gang Huang (Secretary, Cincinnati Children's Hospital), the third annual meeting of the Hematology Division was held on December 8, 2017 in Atlanta, GA, during the 59th annual meeting of the American Society of Hematology.

Attendees

The meeting was attended by 54 people, including 27 SCBA members (21 are new members with 6 life members), 27 trainees and guests. Among the guests were several members from the Chinese Association of Blood Sciences (CABS), several members from CASH (Chinese Hematologists at ASH) and several members from CAHON (Chinese American Hematologist and Oncologist Network). CABS, CASH and CAHON members expressed their strong interest in future interactions and collaborations with the SCBA Hematology Division both in the US and in China. Due to an unprecedented snow in Atlanta on Dec 8th, many SCBA members, colleagues and guests could not attend the meeting in time.

Program of the meeting:

7:00 – 7:30 pm Registration, welcome and dinner buffet

7:30 – 8:45 pm Scientific presentations

- 7:30 pm Keynote: RUNX1 and its mutants in hematopoiesis

Dr. Dong-Er Zhang, UCSD

- 8:00 – 8:30 pm, short talks (5 min each)

Precision Medicine for Chemoresistance in Patients with Acute Leukemia

Dr. Jeffery (Qianfei) Wang, BIG

Erythrocyte Metabolic reprogramming, hypoxic memory and sickle cell disease

Dr. Yang Xia, University of Texas

A Novel Zebrafish Model of Thrombotic Thrombocytopenic Purpura

Dr. X. Long Zheng, UAB

DNA methylation canyon forms 3D interaction critical for self-renewal in HSPC

Dr. Xiaotian Zhang, Van Andel Research Institute

Epigenetic and spatial regulation of gene expression in stem cell fate control and tumorigenesis

Dr. Hao Jiang, UAB

- 8:30 – 8:40pm,

Towards the Future: Industrializing CAR-T Cell Therapy with Off-the-Shelf technology

Dr. Zhao Wu, PhD, General Manager, Innovative Cellular Therapeutics (Sidansai)

- 8:40-8:45pm, Introduction to RUNX1 Research Program (*Dr. Paul Liu, NIH*)

9:30 pm SCBA administrative affairs; announcement of the procedure for election next SCBA-Hematology President-Elect Chaired by President: Dr. Yi Zheng (Cincinnati Children's Hospital) and President-Elect: Dr. Linzhao Cheng (Hopkins, President-Elect)

Upon discussion, due to over 1/3 of the SCBA members could not make the meeting, election of the new President-Elect was agreed to be selected by SCBA-HD members via emails after ASH meeting.

10:30 pm: Adjournment

President, Dr. Yi Zheng (Cincinnati Children's Hospital) moved that the meeting be adjourned, and this was agreed upon at 10:30 pm.

The next annual meeting of the Hematology Division will take place in early December in San Diego, CA, during the next 60th annual meeting of the American Society of Hematology.

Following the meeting, email ballots for the election of the new President-elect, Hematology chapter, SCBA was held between Dec 13 and 19. Dr. Linheng Li, Stowers Institute, was elected to next President-elect.



MEET OUR NEW MEMBERS

The Society of Chinese Bioscientists in America (SCBA) is the largest professional society for Chinese bioscientists all over 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. He Hung*, Zhejiang University School of Medicine
*International

Regular Membership:

Dr. Tongzhong Ju, FDA

Trainee Membership:

Dr. Nan Li, NCI/NIH
Dr. Lihui Wang, NIDDK/NIH
Dr. Liming Wang, NCI/NIH
Dr. Xiong Ye, Lifesct

Happy New Year!



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/>.

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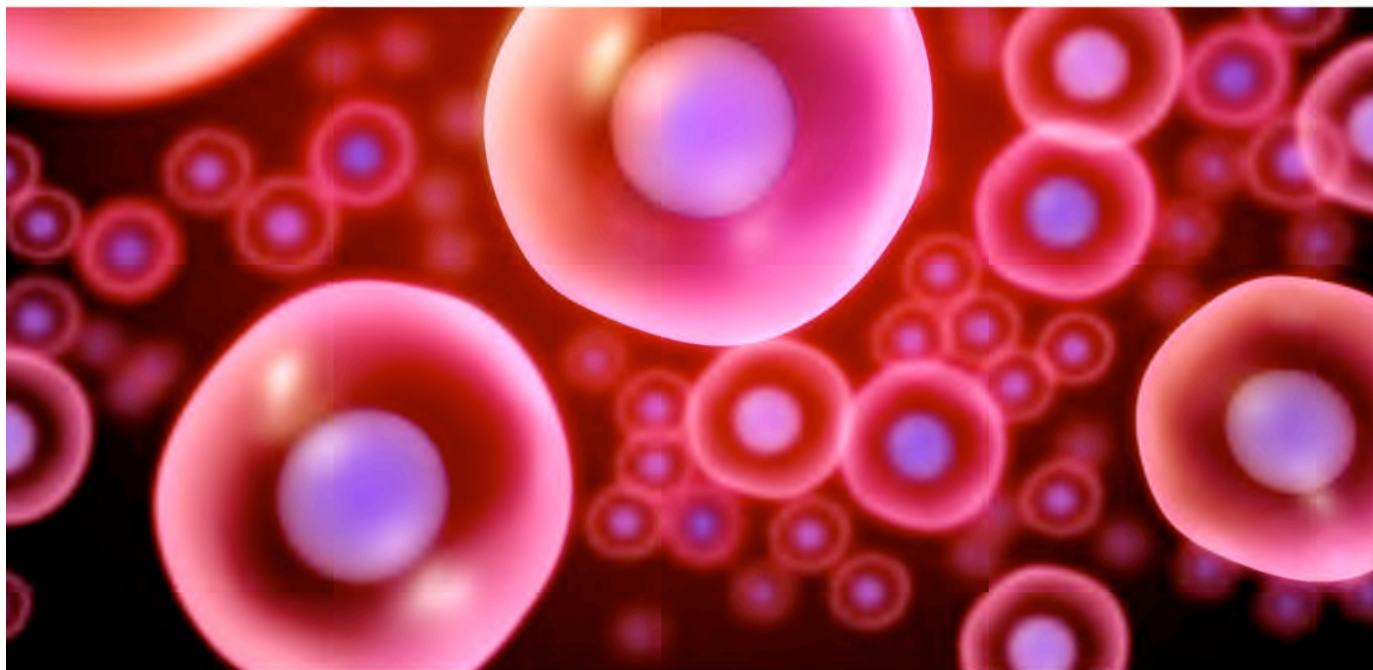
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National Institute of Biomedical Imaging and Bioengineering
Open: Director of NIBIB**

<http://www.scbasociety.org/Jobs/NIBIB-Director.pdf>




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Position Open: Director, Division of Neuroscience**

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