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The First meeting of SCBA Virology Division Held in Maryland

By Tongqing Zhou

The inaugural meeting of SCBA’s Virology Division was held on July 15, 2018 during the 37th Annual Meeting of American Society for Virology at the University of Maryland in College Park, MD. The SCBA Virology Division was established initially as Association of Chinese Virologists in America (ACVA) in early 2018 and formally approved as the SCBA Virology Division by SCBA Council in March 2018.

The first meeting was opened by Professors Zhi-Ming Zheng and Shan-Lu Liu on behalf of the ACVA/SCBA-Virology Division Working group, which includes Drs. Genhong Cheng, Haitao Guo, Renfeng Li, Yuying Liang, Wenjun Ma and Tongqing Zhou. Approximately 90 colleagues, including many SCBA members and some guests from mainland China, attended the meeting. Dr. Paul Liu, President of SCBA, attended and congratulated the establishment of the new SCBA division and wished success of the first meeting. President Liu also anticipated that SCBA Virology Division will bring virology colleagues together, and promote scientific exchange, collaborations and career development, especially among young virologists. After brief self-introduction of attendee’s education, training, and current research, the meeting was preceded by an election that confirmed Dr. Zhi-Ming Zheng as Honorary President, Dr. Shan-Lu Liu as President, Dr. Tongqing Zhou as Secretary, and Dr. Haitao Guo as Treasurer for the 2018-2020 term. The meeting attendees also made nomination for the leadership of the 2020-2022 term.

The meeting concluded by a dinner and reception, which was kindly helped by Dr. Laixi Wang and his students at the University of Maryland in College Park.
SCBA Life-time Members

Dr. Xiaowei Zhuang and Dr. Zhijian “James” Chen Won 2019 Breakthrough Prizes in Life Sciences

By Jianming Xu and Xi He

On October 17, 2018, The Breakthrough Prize Foundation and its sponsors, Sergey Brin, Priscilla Chan, Mark Zuckerberg, Ma Huateng, Julia Milner and Anne Wojcicki, announced the recipients of the 2019 Breakthrough Prize, awarding a total of $22 million to nine important research achievements in the Life Sciences, Fundamental Physics and Mathematics. Dr. Xiaowei Zhuang, a life-time SCBA member, won one of the four 2019 Breakthrough Prizes in Life Sciences for discovering hidden structures in cells by developing super-resolution imaging, a method that transcends the fundamental spatial resolution limit of light microscopy. Dr. Zhijian “James” Chen, another SCBA life-time member, also won one of the four 2019 Breakthrough Prizes in Life Sciences for elucidating how DNA triggers immune and autoimmune responses from the interior of a cell through the discovery of the DNA-sensing enzyme cGAS. Dr. Zhuang and Dr. Chen each will receive a prize of $3 million for recognizing their significant contributions to science and technologies. For more information about their Breakthrough Prizes, please go to the following web site: https://breakthroughprize.org/News/47.

Dr. Xiaowei Zhuang is an Investigator of Howard Hughes Medical Institute, and David B. Arnold Jr. Professor of Science, Professor of Chemistry and Chemical Biology and Professor of Physics at Harvard University.

Dr. Chen is the George L. MacGregor Distinguished Chair in Biomedical Science and Professor of Molecular Biology at the University of Texas Southwestern Medical Center and an Investigator of the Howard Hughes Medical Institute.
SCBA Life-Time Member
Dr. Ying-Hui Fu Is Elected to National Academy of Medicine

By Jianming Xu and Chris Lau

Many congratulations go to Dr. Ying-Hui Fu! Following her recent election to National Academy of Science, Dr. Fu was elected to National Academy of Medicine with 84 others in October of 2018. Dr. Ying-Hui Fu is a life-time SCBA member and a professor of Neurology in University of California San Francisco. Dr. Fu has made significant contributions to understanding of the mechanisms responsible for regulating circadian rhythm, sleep behavior and sleep-related disorders.

SCBA Life-Time Member
Dr. Meng Wang Is Named an Investigator of Howard Hughes Medical Institution

By Jianming Xu

Dr. Meng Wang, a life-time member of SCBA, was recently named an Investigator of Howard Hughes Medical Institute (HHMI). Dr. Wang is a professor in Huffington Center on Aging and Department of Molecular and Human Genetics at Baylor College of Medicine in Houston, Texas. For more information about Dr. Wang and her research, please refer to the following web site: https://www.bcm.edu/people/view/meng-wang-ph-d/genetics-research-faculty-u-z/b27e451a-ffed-11e2-be68-080027880ca6/53710912-91bc-42a4-9400-2d630a1612dc. To view Dr. Wang’s HHMI profile, please go to the following web site: https://www.hhmi.org/2018-investigators/meng-wang. SCBA is very proud of Dr. Wang’s prestigious recognition and very happy to express congratulations to her.
Society of Chinese Bioscientists in America

The 17th International Symposium

第十七届全球華人生物科學大會

Kunming - China

中國昆明

July 24 to 28, 2019

二零一九年七月二十四 至 二十八日

Third Announcement
Information and Instructions for Session Proposals

1. SCBA will waive the Registration Fee for session speakers. SCBA will offer speakers free opening reception dinner buffet, daily coffee breaks, and lunch boxes. SCBA does not pay for invited speaker’s air or local transportation, accommodation and other meals.

2. 5 speakers should be planned for each session. The Chair and co-chair may choose to be (or not to be) a speaker. Time allocation will be 75 minutes/session. Each speaker speaks for 12 minutes and leaves 3 minutes for questions and answers. We want to promote scientific interactions.

3. All invited speakers are encouraged to be present and actively participate for the entire meeting through interaction and discussion with other fellow colleagues, young investigators, students and media personnel.

4. If an invited speaker cannot participate, the Chair and co-chairs are responsible for finding a qualified replacement. However, the Scientific Program Committee may also recommend alternate speakers to replace those who cannot come due to unforeseen circumstances. Any such absentees should be identified at the earliest possible time to the Organizers.

5. Please indicate in the proposal whether the invited speakers have or have not accepted your nomination by selecting either “YES” or “NO”. Acceptance of the invitation implies that the invited speakers will assume the financial responsibility of attendance and presentation at the SCBA symposium.

6. The Scientific Program Committee will evaluate more favorably proposals that have the YES answer for each invited speaker, and additionally will give higher priority to proposals that include at least one junior faculty or/and a woman speaker, or a speaker from Taiwan and/or mainland China (including Hong Kong and Macau).

7. For sessions that are accepted, each speaker must submit an abstract and complete the registration process at the meeting website online by the specified deadline. The meeting website will be open in early 2019.

A Session Proposal should be submitted by e-mail attachment to both Dr. Linheng Li, Chair of the Program Committee, and Dr. Xi He, SCBA Executive Director, by December 31, 2018. Acceptance of the above conditions is required for the proposal to be considered.

Dr. Linheng Li, Chair of Program Committee
Stowers Institute for Medicinal Research
Email: LIL@stowers.org

Dr. Xi He, SCBA Executive Director
Boston Children’s Hospital, Harvard Medical School
Email: Xi.He@childrens.harvard.edu

Ten scientific themes of the 2019 SCBA Symposium

(For your information, the Symposium may have 4 sessions for each theme on average (2 to 6 sessions), depending on proposals the Organizer will receive and their quality)

1. Biotech and Biopharm
   (Drug development and biomarkers)

2. Cancer Research
   (Signaling, mechanisms, and therapy)

3. Gene Regulation and RNA Biology
   (Transcription, RNA processing, non-coding RNA and post translational modifications)

4. Genomic Biology and Genetic Diseases
   (Genetics, genomics, bioinformatics, gene function and deficiencies)
5. Immunity, Infection and Inflammation
(Virus, microbe, vaccine, immunology, autoimmune diseases and other inflammatory diseases such as organ or tissue injury)

6. Metabolic Diseases
(Diabetes, obesity and other metabolic related diseases)

7. Neuroscience, Aging and Degenerative Diseases
(Neural development and function, Alzheimer's and other neurological disorders)

8. Plant Biology and Agricultural Sciences
(Plant and agriculture related science)

9. Developmental Biology, Stem Cell, Gene & Cell Therapy
(Developmental Biology, model organisms, Stem cells, and cell and gene therapy)

10. Technology Platforms and Development
(Structural biology, imaging, sequencing, mass-spectrometry, genome-editing, informatics and other novel technologies)
Session Proposal for 17th SCBA International Symposium
July 24-28, 2019, Kunming, China
(Each session will be for 75 minutes)

Submit the proposal to both email addresses below by 12/31/2018:
LIL@stowers.org
Xi.He@childrens.harvard.edu

Name of the session:
Theme Category: Primary _________________ Secondary______________________
(See the attached Information and instructions for theme categories)

1. Chair Name: Institution: Phone: E-mail: Acceptance (Yes) or (No)
2. Co-Chair Name: Institution: Phone: E-mail: (Yes) or (No)

Chair will be responsible for submission and communication about this session.
Speakers (total 5. Chair and Co-Chair may choose to be (or not to be) a speaker):
1. Name: Institution: Phone: E-mail: Title of presentation: (Yes) or (No)
2. Name: Institution: Phone: E-mail: Title of presentation: (Yes) or (No)
3. Name: Institution: Phone: E-mail: Title of presentation: (Yes) or (No)
4. Name: Institution: Phone: E-mail: Title of presentation: (Yes) or (No)
5. Name: Institution: Phone: E-mail: Title of presentation: (Yes) or (No)
Chair should answer following questions:

1. **Potential sponsor for this session** (Optional. If there is no sponsor, the speakers agree to be self-funded to attend the symposium. SCBA will waive speakers’ registration fee):
   - Amount of support:
   - Confirmation date:

2. Please indicate which speaker in this session is a junior faculty (no more than 4 years as a PI) or/and a woman faculty:
   - Name:

3. **Chair and co-chair should be current SCBA members (at the time of proposal submission). Speakers should be SCBA members (at the time the session is officially approved).**
   - Chair and co-Chair are current SCBA members: (YES) or (NO)
   - Please indicate the number of current SCBA memberships in your session (from 0 to 5).
   - All Speakers will be SCBA members by the time the proposal is approved: (YES) or (NO)

4. **Each session will have no more than two speakers from the same institution.**
   - (YES) or (NO)

5. **Each speaker has agreed to speak in one session only.**
   - (YES) or (NO)

Please use the following format for naming your proposal document when submitting it by email attachment:
- Last name-key words.doc (for example: Wang-DNA Damage.doc)

The decision for proposal acceptance will be emailed to the Chair in Feb 2019.
October 20, 2018

2019 SCBA Award Announcement

SCBA has two awards to recognize the significant scientific contributions of one senior (The Presidential Award) and one young scientist (The Kenneth Fong Young Investigator Award), who are SCBA members, at the upcoming 17th SCBA International Symposium to be held in Kunming, China on July 24 – 28, 2019. The Lifetime Achievement Award of SCBA may be presented to outstanding senior members. The nomination form for these awards is attached below. Both the Presidential and Young Investigator Awardees will deliver plenary presentations at the 2019 SCBA International Symposium, in Kunming, China.

The SCBA Presidential Award is for a senior scientist, whose cutting-edge scientific contribution in biosciences, is globally recognized. His/her publications are frequently cited by his/her peers, and he/she is regarded as a leader of his/her research field of excellence.

The SCBA Kenneth Fong Young Investigator Award is for a young scientist, who is recognized as a rising star in bioscience. The candidate’s level should be at early or intermediate stages of scientific career development in academia or biotechnology industry. The candidate’s age must be 45 or younger in the year that the international symposium is held.

The SCBA Lifetime Achievement Award is for an outstanding senior scientist, who is a recognized world leader with exceptional achievements in his/her field and has made significant contributions in a lifelong career. The Lifetime Achievement Award is presented at irregular intervals, depending on availability of qualified candidates.

SCBA is soliciting nominations of qualified candidates from any member for consideration for these awards, see attached detailed criteria. The candidates will be reviewed by the Award Committee. A word version of the nomination form can be downloaded with the link: http://www.scbasociety.org/2019-Awards/2019-Awards_Nomination.doc

Please complete your nomination form with up to two-page synopsis of the nominee’s achievement and detailed CV to Paul Liu, Chair of the 2019 Award Committee (weiy@mail.nih.gov) and cc Xi He, SCBA Executive Director, (Xi.He@childrens.harvard.edu) for the record. The deadline for nomination is January 31, 2019.

2019 SCBA Award Committee:
Weiy Yang Chair
Mien-Chie Hung
Paul Liu
Binghu Shen
Yang Shi
Dihua Yu
Hui Zheng
*Ying Zhang
* Keji Zhao

* pending confirmation
The Presidential Award is one of the highest honors of the Society for Chinese Bioscientists in America (SCBA) 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) who meets the criteria as outlined below.

Administration
1. The Award Committee of SCBA shall be the body responsible for the solicitation for nomination, evaluation, and selection of final candidate(s), based on the two-third-majority rule.
2. The Executive Council of SCBA shall be the final awarding body in deciding the award to the recommended candidate for the Presidential Award, based on the two-third-majority rule.
3. The Chair of the Award Committee or his/her designate, on behalf of the Executive Council, shall inform the selected recipient of the Presidential Award.
4. The Current President and President-Elect of SCBA, or their designates, shall be members of the Award Committee.

Nomination Process
1. A qualified candidate can be nominated by the signatures of a minimum of 10 members of good standing, former recipients of Lifetime Achievement Award and Presidential Award, or any member of the Award Committee.
2. The nominated candidate shall provide the Award Committee a comprehensive curriculum vitae.
3. The Award Committee, on behalf of the Executive Council, shall seek additional evaluation of the qualification of the nominee, in the forms of recommendation letters and/or evaluation critiques.

Award Selection Criteria
1. A candidate should possess exceptional achievements of groundbreaking and/or pioneering nature in his/her specialized biomedical/bioscience field(s).
2. A candidate should be recognized as a leader in his/her specialized field by his/her peers, as evidenced by being recipients of scientific honors and awards from established nonprofit organizations.
3. A candidate should have great influence on education through publications of his own research and his former students in the biomedical/bioscience fields.
4. A candidate must be a distinguished bioscientist of Chinese descent.
5. A candidate should not be a former recipient of the Lifetime Achievement or Young Investigator Award, except when his/her candidacy has been recommended and approved by two-third members of both the Award Committee and Executive Council of SCBA.
6. The Recipient of the Presidential Award shall receive his/her Award during the biennial SCBA Symposia, and at his/her discretion, present a scholarly lecture to the general membership.
The Young Investigator Award (formerly Junior Achievement Award) is a high honor of the Society for Chinese Bioscientists in America (SCBA) 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) who meets the criteria as outlined below.

Administration
1. The Award Committee of SCBA shall be the body responsible for the solicitation for nomination, evaluation, and selection of final candidate(s), based on the two-third-majority rule.
2. The Executive Council of SCBA shall be the final awarding body in deciding the Award to the recommended candidate for the Young Investigator Award, based on the two-third-majority rule.
3. The Chair of the Award Committee or his/her designate, on behalf of the Executive Council, shall inform the selected recipient of the Young Investigator Award.
4. The Current President and President-Elect of SCBA, or their designates, shall be members of the Award Committee.

Nomination Process
1. A qualified candidate can be nominated by the signatures of a minimum of 5 members of good standing, former recipients of Lifetime Achievement, Presidential and Young Investigator Awards, or any member of the Award Committee.
2. The nominated candidate shall provide the Award Committee a comprehensive curriculum vitae.
3. The Award Committee, on behalf of the Executive Council, shall seek additional evaluation of the qualification of the nominee, in the forms of recommendation letters and/or evaluation critiques.

Award Selection Criteria
1. A candidate should be 45 years old or younger and at the early or intermediate stage of his/her scientific career in biomedical fields.
2. A candidate should possess exceptional achievements of groundbreaking and/or pioneering nature in his/her specialized biomedical/bioscience field(s).
3. A candidate should be recognized as a rising star in his/her specialized field by his/her peers, as evidenced by key publications of high impact peer-reviewed articles in meritorious scientific journals and/or being recipients of scientific honors and awards from established nonprofit organizations.
4. A candidate must be a bioscientist of Chinese descent.
5. The Recipient of the Young Investigator Award shall receive his/her Award during the biennial SCBA Symposium and present a scholarly lecture to the general membership.
The Lifetime Achievement Award is the highest honor of the Society for Chinese Bioscientists in America (SCBA) for scientists of Chinese descent in biomedical/bioscience fields. It is presented at irregular intervals depending on the availability of qualified candidates who meet the criteria as outlined below.

Administration
1. The Award Committee of SCBA shall be the body responsible for the solicitation for nomination, evaluation, and selection of final candidate(s), based on the two-third-majority rule.
2. The Executive Council of SCBA shall be the final awarding body in deciding the Award to the recommended candidate for the Young Investigator Award, based on the two-third-majority rule.
3. The Chair of the Award Committee or his/her designate, on behalf of the Executive Council, shall inform the selected recipient of the Young Investigator Award.
4. The Current President and President-Elect of SCBA, or their designates, shall be members of the Award Committee.

Nomination Process
1. A qualified candidate can be nominated by the signatures of a minimum of 25 members of good standing, former recipients of Lifetime Achievement and Presidential or majority membership of the Award Committee.
2. The nominated candidate shall provide the Award Committee a comprehensive curriculum vitae.
3. The Award Committee, on behalf of the Executive Council, shall seek additional evaluation of the qualification of the nominee, in the forms of recommendation letters and/or evaluation critiques.

Award Selection Criteria
1. A candidate should be at least 62 years old and at or near the end of his/her successful scientific career in biomedical fields.
2. A candidate should possess exceptional achievements of groundbreaking and/or pioneering nature in his/her specialized biomedical/bioscience field(s).
3. A candidate should be recognized as a leader in his/her specialized field by his/her peers, as evidenced by being recipients of scientific honors and awards from established nonprofit organizations.
4. A candidate should have great influence on education through publications of his/her own research and his/her former students in the biomedical/bioscience fields.
5. A candidate must be a distinguished bioscientist of Chinese descent.
6. A candidate should not be a former recipient of the Presidential Award, except when his/her candidacy has been recommended and approved by two-third members of both the Award Committee and Executive Council of SCBA.
7. The Recipient of the Lifetime Achievement Award shall receive his/her Award during the biennial SCBA Symposia, and at his/her discretion, present a scholarly lecture to the general membership.
Society of Chinese Bioscientists in America
2019 Award Nomination Form

Name of Award: □ Presidential Award     □ Kenneth Fong Young Investigator Award
                      □ Lifetime Achievement Award

Name of Nominee: __________________________________________________

Title and Affiliation: _________________________________________________
___________________________________________________________________
___________________________________________________________________
___________________________________________________________________

Contact Information: _________________________________________________
___________________________________________________________________
___________________________________________________________________

Qualifications and Achievements: (also attached detailed curriculum vita of Nominee)

Nominated by: __________________________ _______________________________

Contact and Affiliation of Nominator: _________________________________
___________________________________________________________________
___________________________________________________________________

Send nomination via e-mail to: Wei Yang, Chair Award Committee, weiy@mail.nih.gov, telephone: (301) 402-4645
and Xi He, SCBA Executive Director, xi.he@childrens.harvard.edu, telephone: (617) 919-2257 for record