In this edition of the ISV bimonthly newsletter, we highlight four related publications describing research efforts that are at our forefront in developing broadly neutralizing antibodies (bNAbs) and represent significant advances in the field of HIV vaccines.

- Sequential Immunization Elicits Broadly Neutralizing Anti-HIV-1 Antibodies in Ig Knockin Mice
- Tailored Immunogens Direct Affinity Maturation toward HIV Neutralizing Antibodies
- Induction of HIV Neutralizing Antibody Lineages in Mice with Diverse Precursor Repertoires
- HIV Vaccine Design to Target Germline Precursors of Glycan-Dependent Broadly Neutralizing Antibodies

What more can we say, except to mention the winners of the various awards, and to point out that the Career Development panel was well-attended and provided a strong start for the mentoring program. Drs. Annie De Groot (URI and Epivax), Laina King (NIH), Nicola La Monica (J&J, plus biotech and pharma in Europe), and Shan Lu (UMass, and companies in Asia) presented their backgrounds covering all sectors from academia/government to biotech/pharma and answered questions from the audience (see photos). ISV has already had a number of senior scientists volunteer to be mentors, so while we are working on getting the website modified for people to directly submit questions and requests for mentors (see Presidential letter) feel free to submit questions and requests for mentorship either via the ISV website (using the “contact us” button) or to the President, Margaret Liu at Liu@ProTherImmune.com. Dr. Laina King has already had a number of people contact her with questions specifically about the NIH, so also feel free to write her at Laina.King@NIH.gov

ISV congratulates the winners of:


The ISV Awardees: Emmanuel Assana, Mert Doskaya, Tatiana Guimarães de Noronha, Xiaofeng Guo, Zeinab Helal, Merita Kucuku, Dapeng Li, Pamela Mancha Agresti, Yongle Xiao, Bhrugu Yagnik, and Xiaohua Ye.

The Vaccine Renaissance Scholarships for Women and Minority Delegates: Adam Awadalkareem, Mariateresa Coppola, Nya Freleigh, Selene Manga, Anja Scholzen, and Megan Wise.

The DNA Vaccine Awardees: Hilleman Award – Best Abstract selected Presentation: Kathleen A. Cashman; Ginsberg Award – Best Trainee Presentation: Tatiana Guimarães de Noronha.

If you have not already done so, please go to the www.ISVCongress.org to fill out the survey about the Congress. We want to continue to make the congress as useful as possible for the attendees so would like your thoughts about what you liked and what could be improved. And please submit any photos to the photo wall by sending them to info@isv-online.org.

Save the dates of October 5–7, 2017 for the next ISV Congress in Paris at the Institut Pasteur!
ISV Awardees

Welcome remarks by ISV Congress co-chairs.

VaxRen Award winners.

ISV Presidential Award winners.

Ginsberg Award
Tatiana Guimarães de Noronha

Michael Schotsaert and Jocelyn Cheung poster viewing.

Career Panel Discussion.

**ISV Job Bank**

The ISV Job Bank, featured at the ISV Congress and highlighted in the President’s newsletter, is online at ISV-online.org. The online Job Bank provides a portal for ISV members to post open positions and is an ideal place to recruit candidates for openings. Anyone can view the openings. ISV members should take advantage of this opportunity by posting their positions at [http://www.isv-online.org/component/kunena/opening-positions](http://www.isv-online.org/component/kunena/opening-positions)
Report on the 1st Asia Annual Vaccine & Immunotherapeutics Conference

At the 2015 ISV annual conference held in Seoul, South Korea, the vaccine societies ISV–CHINA, the Japanese Society of Vaccines (JSV) and the Korean Vaccine Society (KVS) agreed upon that, in order to promote regional exchanges and collaboration, the next annual meeting for the Asian vaccine community, the 1st Asia Annual Vaccine & Immunotherapeutics Conference, would be held in June 2016 in Shanghai, China.

The convention combining the 1st Asia Annual Vaccine & Immunotherapeutics Conference and the 1st ISV–CHINA Vaccine Conference were held as a combined convention during the 13th Shanghai International Forum on Biotechnology & Pharmaceutical Industry (Bio–Forum 2016) hosted by the Modern Biotechnology and Pharmaceutical Industry Office of Shanghai Municipality at the Shanghai International Convention Center from June 20–22, 2016 in Shanghai, China.

The convention was organized in partnership with the Fudan University (FDU), the Japanese Society of Vaccines (JSV), the Korean Vaccine Society (KVS), the Modern Biotechnology & Pharmaceutical Industry Office of Shanghai Municipality, and the Shanghai Biopharmaceutical Industry Association (SBIA). There were 5 sessions and more than 30 presentations addressed by vaccine experts and scientists from China, Japan, Korea, US and Europe, and covered topics on Immunology and Immunotherapy, New Technologies of Adjuvants and Vaccine Delivery, Vaccine Research and Development in China, Research and Development of Novel Vaccines, and New Technology for New Therapy. In addition, two focused panels “Opportunities and Challenges of Vaccine Development in China” and “Role of Asia Research in Vaccine World” were discussed during the conference. As the first Asian Vaccine Conference, it gathered more than 300 delegates from nearly 40 institutes and biotech organizations from Asia.

The 1st Asia Annual Vaccine & Immunotherapeutics Conference provided a new impetus for vaccine research and development (R&D) in Asia, created favorable conditions for the exchange of information and collaboration between vaccine researchers in Asia, and helped build a professional and powerful new platform to present to the world the new breakthroughs and progresses in vaccine development in Asia.

During the conference, the newly established ISV–CHINA branch held its first committee meeting to discuss the mission, strategy and development of the ISV–CHINA branch. The official logo of ISV–CHINA was defined. Dr. Bin Wang from FDU was selected as the coordinator of the ISV branch in China, and will be in charge of coordination between ISV Global and ISV–CHINA, as well as the operation of ISV–CHINA.

At the Conference, the Committee of Asian Vaccine Conferences decided that the 2nd Asia Vaccine Conference will be presided over by Professor Ken J. Ishii, Executive Director of the Japanese Society of Vaccines and Head of Laboratory of Vaccine Science of Osaka University, Osaka, Japan. The 2nd Asia Vaccine Conference will be held in Osaka, Japan in 2017.

Contributed by Anna Du, Sanofi Pasteur
From the President's Desk

Dear ISV members and friends,

The International Society for Vaccines Congress (ISV Congress) was held Oct. 2-4, 2016 in Boston, USA. Please read the article summarizing the Congress, but in short, it was a vibrant meeting, with innovative science presented during both the oral and poster sessions, with many opportunities for discussions and interactions with colleagues. Please keep www.ISVCongress.org bookmarked for updates about the 2017 ISV Congress, Oct 5-7, 2017 in Paris, France.

During the Congress, the annual meeting of the Society was held. Key discussions/decisions included:

1) The mentoring program (mentioned in the August newsletter) that ISV is initiating under the leadership of Denise Doolan, ISV Executive Board member, was expanded from graduate students and post-docs and early career scientists......to the mentors themselves! While all the Executive Board of ISV and many senior scientists have now volunteered to be mentors, Allan Saul raised the point that mentors benefit from being mentored about how to be an effective mentor. He will work with Denise and mentors to establish best-practices as our efforts go forward. ISV envisions that scientists interested in being mentored, or simply in obtaining career advice, can log in to the ISV website and place their question or request, which then will result in either advice for one-off questions, or in the linking with a mentor. Note that ISV already has Facebook and LinkedIn discussion groups curated by Ted Ross, ISV Secretary. While ISV works on setting up the mentoring program website portal, scientists who would like advice or to be connected with a mentor, can directly email me at Liu@ProTHERImmune.com. Given the international composition and sector diversity of ISV’s membership, people should feel particularly free to ask advice about countries and careers different from their current situation. ISV will also aim to provide information about fellowships and funding opportunities on the website. Stay tuned!

2) ISV will be increasing the posting of jobs on the ISV website: www.isv-online.org. Note that posting positions can be done only by members, although currently anyone can search the listings for job opportunities. The Congress had a number of jobs posted outside the auditoriums to showcase this benefit.

3) ISV has long intended the website to serve as a clearinghouse for all types of useful information for vaccinologists. To date, ISV has done this by posting information about all vaccine meetings, not just the ISV Congress. In the future ISV will also post information about fellowships, prizes, funding opportunities, etc., and links to useful relevant websites.

4) Elections will be in the fall of 2017. Please consider becoming more involved with ISV such as serving on a committee, and potentially running for a position on the Executive Board or an officer position. Randy Albrecht welcomes involvement from individuals interested in working on the newsletter (nominating papers for “paper of the month,” selecting poll questions, writing topical articles, etc.). See www.isv-online.org to access the newsletter and to volunteer for involvement on the newsletter or ISV or to suggest areas of involvement (click on the “contact us” button).

5) The Board decided to revamp the method for selecting Fellows as we seek to ensure that all Fellows play an active role in the Society, whether as mentors or in other aspects of ISV. Adolfo Garcia-Sastre, the ISV Past-President is chair of the Fellows committee.

6) ISV will begin organizing smaller topical meetings in addition to the Annual ISV Congress. Feels free to submit your ideas for such meetings (and to propose your site as the host if you have the appropriate space) by sending an email via the contact link on the ISV website: www.isv-online.org

This is your society. Please get involved to benefit others and to raise your professional profile and increase your contacts for scientific collaborations.

Margaret Liu

ISV Fellow of the Month

Julius S. Youngner received his Sc.D. degree in Biology from the University of Michigan. After being drafted into the Army, Dr. Youngner enlisted with the U.S. Public Health Service, National Institutes of Health Cancer Institute. He was eventually recruited to the Jonas E. Salk laboratory at the University of Pittsburgh School of Medicine where he provided seminal contributions to the development of an inactivated polio virus vaccine against poliomyelitis and development of assays to quantify serum neutralizing antibodies against polio virus. Additional notable highlights of his career include pioneering the use of the pancreatic enzyme, trypsin, to dissociate cells for tissue culture in a process commonly referred to as trypsinization, discovery of gamma interferon in collaboration with Samuel Salvin, and development of the first cold-adapted, intranasal virus vaccine against equine influenza in collaboration with Dr. Patricia Whitaker-Dowling. He has coauthored over 150 peer-reviewed publications on the biology of viruses, vaccine development, and research integrity. His exploits in virology and vaccine development and his perspectives on the state of funding for research can be heard in his This Week in Virology (TWiV) interview with Dr. Vincent Racaniello. Dr. Youngner, currently an American Distinguished Service Professor Emeritus, remains actively engaged with his colleagues at the School of Medicine and Department of Microbiology and Molecular Genetics at the University of Pittsburgh.

International Society for Vaccines

We would like your ideas for future newsletter articles. Is there an article you’d like to submit to the newsletter? What are the most pressing issues in vaccine research? Please send us your thoughts.

Contact us:
Society website: http://isv-online.org/
LinkedIn: https://www.linkedin.com/groups/8359482/profile
2016 ISV Congress: http://isvcongress.org/