Dear ISV members,

ISV is pleased to announce that once again, there was significant interest from the membership in serving the Society on the Executive Board and as Officers. As in the past, nominations were solicited two months ahead of the Annual General Meeting through the ISV newsletter and emails to the ISV mailing list, and the official ballots were sent out 2 weeks ahead of the meeting. The votes were collected either by email or in person at the General Meeting on October 6, 2017, in Paris, France during the ISV Annual Congress.

The two-year terms for the Officers and new board members will commence January 1, 2018 and run through December 31, 2019.

Officers:
- Past President – Margaret Liu (automatic from position as President)
- President – David Weiner (automatic from position as President-elect)
- President-Elect – Ted Ross
- Treasurer – Shan Lu
- Secretary – Denise Doolan

Executive Board members:
- Maria Isagulians – Sweden/Russia/Latvia
- Ken Ishii – Japan
- Linda Klavinskis – United Kingdom
- Odile LeRoy – France
- Joon Haeng Rhee – South Korea
- Anna-Lise Williamson – South Africa

We would like to thank all nominators and candidates for the board and officer positions as well as voting ISV members for their active participation in this year’s Election.

Sincere appreciation is also due to the current Executive Board who began serving January 1, 2015, and will serve until the end of this year, December 31, 2017. They worked particularly hard during this period of transition when ISV expanded its responsibilities for the Congress from the scientific content, which it has always had, to being responsible for all the logistics of running the meeting. We would particularly like to thank those retiring members, and list below the Officers and Board members serving 2015–2107.

Officers:
- Past-President – Adolfo Garcia-Sastre
- President – Margaret Liu
- President-elect – David Weiner
- Treasurer – Shan Lu
- Secretary – Ted Ross

Executive Board members:
- Annie De Groot – USA
- Denise Doolan – AUS
- Nik Petrovsky – AUS
- Joon Haeng Rhee – Korea
- Ray Spier – UK
- Jeffrey Ulmer – USA

We welcome the newly elected board members and officers. Thank you to those of you who have expressed interest as we strengthen our existing efforts, such as mentoring, and expand our activities to include regional topical meetings and potentially vaccine advocacy. We looking forward to working together as a Society to help improve the health of our fellow humans through the development and utilization of vaccines and immunotherapies.

Margaret
Summary of the 2017 Annual ISV Congress

Scientists from 36 countries presented their work in oral and poster sessions, and the interest and enthusiasm was evident in the many discussions following the presentations, during the two poster sessions, and during the meals and breaks. The energy of scientific discussions combined with exclamations of delight over the abundant delicate French pastries served during lunch and breaks filled the halls of the Institut Pasteur during the 11th ISV Congress, held 5th-7th Oct 2017 in Paris. The ISV co-chairs, Denise Doolan and David Weiner, were joined by local co-hosts Christiane Gerke and Frédéric Tangy from the Institut Pasteur as organizers of the highly successful conference.

Presentations of ground-breaking vaccine science were made in both plenary and break-out topical sessions, focused on key areas such as Maternal and neonatal immunization, Vaccines for the elderly, Structural vaccinology, One Health, Emerging infectious diseases, Neglected and LMIC diseases, and Novel vaccine concepts etc. In addition, other sessions were designed to examine specific challenges such as Vaccines as solutions for antimicrobial resistance threats, and Bringing vaccinology to the world (a special session presenting the approaches and lessons learned from the various vaccinology courses given by the Institut Pasteur, ADVAC, the University of Oxford, and IMVACC). The opening plenary session focused on Innovative clinical designs and human challenge models to accelerate efficacy testing, and the closing panel session discussed different models of Public Private Partnerships. Thus, from start to finish, the Congress provided a myriad of opportunities for attendees to hear about the latest scientific advances as well as to learn how to optimize their efforts for development of new vaccines – and new vaccinologists.

Paris and the Institut Pasteur with its museum documenting Louis Pasteur’s scientific accomplishments, provided a setting that was inspiring while also facilitating interactions with other scientists and the information booths of sponsors. The Congress banquet, which each year seems to be more incredible than the last, was quintessentially Paris: a cruise on the river Seine when colleagues–now–collaborators–and–friends enjoyed the sights and cuisine together under a full moon on a mild evening.

The commitment of ISV to mentoring trainees and young scientists was evident not just by the Career Panel/Meet the Fellow session, but by the sheer number of awards provided by to enable young or trainee scientists, and/or scientists from lower– and middle-income countries to attend. Awards winners of the ISV Presidential Awards who were also guests at a special table with ISV President Margaret Liu during the dinner cruise were: Emanuele Andreano (Italy), Robbert Boudewijns (Belgium), Pengxiang Chang (UK), Angela Choi (USA), Dieudonné Buh Kum (Belgium), Jianping Li (USA), and Wen–Chun Liu (USA). The ISV Awards, made possible by a generous partner, went to Somali Aggarwal (India), Nasr–Eldin M. Aref (Egypt), Hafiz Umar Arshad (Pakistan), Priti Desai (India), Mert Doskaya (Turkey), Matias Fingermann (Argentina), Manish Gupta (India), Muhammet Karakavuk (Turkey), Lesedi Modipane (South Africa), Stefan Petkov (Bulgaria), Pichayanut Poolperm (Thailand), Wondwosen Tsegaye Sime (Ethiopia), Vikas Somani (India), Shuang Wang (China), and Yufei Xia (China). The Vaccine Renaissance Scholarships, made possible by a grant from the US NIH, were awarded to Antonella DiPaolo (Italy), Enwono Eyoq (UK/USA), Sultan Gulce Iz (Turkey), Sundos Khan (Saudi Arabia), and Marija Zaric (UK). The awards sponsored by the International Society for DNA vaccines included the Ginsberg Award for the best poster, to Angela Choi (USA), and the Maurice Hillerman Award for the best presentation to Emanuele Andreano (Italy).

As the Congress closed, with our brains filled with new ideas (and buzzing on espresso), our contact lists bulging with new potential collaborators or mentors, and our taste buds delighted by the amazing and photogenic gastronomy, we were given a peek at the plans for the 2018 ISV Congress to be held 28-30th Oct 2018 in Atlanta, Georgia. The Congress will be co-chaired by Denise Doolan (continuing the tradition of having chairs work on two consecutive Congresses to bring their expertise to their second effort), and Ted Ross, from the University of Georgia. Local co-hosts include Rafi Ahmed (Emory University), Mark Prausnitz (Georgia Tech), and Julia Hilliard (Georgia State University). Atlanta was selected in part due to the wealth of vaccine science being performed at local institutions, including the ones of the co-hosts, as well as the US CDC, because 2018 is the centenary of the 1918 Influenza pandemic. While most of us were familiar with the world–class vaccine science that Atlanta is home to, we were less familiar with the other attractions of Atlanta, including the possibility of tours of the US CDC, the 1996 Olympic venues, the headquarters of CNN, and the Coca–Cola museum. So while we return to our labs re–energized for our vaccine research, we are already thinking ahead to the 2018 ISV Congress. As you plan ahead to attend what should be a memorable Congress, please join ISV so that you can benefit more with reduced members' Congress registration rates, and contribute to the Society that organizes these Congresses and promotes the development and use of vaccines to prevent and control infectious and non–infectious diseases. See you in Atlanta!

ISV Job Bank

If you have a position to fill, take advantage of this opportunity by posting the position at the Job Openings portal on the ISV website.
ISV Fellow of the Month

Dr. Denise L. Doolan is a molecular immunologist with expertise in preclinical and clinical evaluation of molecular vaccine platforms (including plasmid DNA and recombinant viruses), examining mechanisms of protective immunity to complex pathogens such as malaria, and identification of novel vaccine candidates by genome-wide approaches to examine immune system regulation and response to pathogens ("immunomics"). Denise is a Professorial Research Fellow and NHMRC Principal Research Fellow at the Australian Institute of Tropical Health and Medicine, James Cook University, Cairns, Australia. She received her PhD from the University of Queensland under the mentorship of Dr. Michael Good at the Queensland Institute of Medical Research (Brisbane, Australia) where she focused her training on examining T cell responses to the Plasmodium falciparum circumsporozoite protein. She then completed a National Academy of Sciences postdoctoral fellowship in the USA at the Naval Medical Research Center with Dr. Stephen Hoffman, exploring DNA vaccine strategies in the context of malaria. From 1999 to 2006, she served as the Director of Basic Research, Director of Basic and Preclinical Research and Development, and then Scientific Director of the Malaria program at the Naval Medical Research Center, Silver Spring, Maryland, USA, where the focus was on development of molecular-based vaccines against malaria. Denise then returned to Australia and established the Molecular Vaccinology Laboratory at the QIMR, Brisbane, Australia, with the support of a Pfizer Australia Senior Research Fellowship. She has had a productive research career that has resulted in her publishing more than 140 papers and book chapters on infectious diseases and vaccine development, and is a named inventor on 13 patents in vaccinology, immunology, and antigen discovery. Denise has been an active member of the ISV since 2008, and has served as an Executive Board member since 2015, as Scientific Committee member of the 2015 Annual Congress, and as Chair of the 11th ISV Annual Congress. Denise Doolan is a role model for the next generation of female vaccinologists.

Hwasun International Vaccine Forum

The 2017 Hwasun International Vaccine Forum was held September 21–22 at the Hanium Culture and Sports Center, Hwasun, Jeollanam-do, Republic of Korea. Dr. Joon Haeng Rhee served as Chair of the Organizing Committee which included Dr. Gu Kong, Professor of Hanyang University; Dr. Jerome H. Kim, Director General of International Vaccine Institute; Dr. Doo-Hong Park, Head of Research Center at Green Cross, and Mr. Senyon (Teddy) Choe, Director/President of the Mogam Institute. The Forum brought together experts from vaccine research institutions, companies, governments, and international organizations around the world. The Forum was hosted under the theme “Eradication of Diseases through New Vaccination” with presentations by distinguished authorities from the vaccine field. The Forum was divided into three sessions that focused on vaccines for society and industry, recent progress in vaccine research, and approaches to develop safe and effective vaccines. The Forum identified and discussed current challenges in vaccine development, innovative vaccines in the product development pipeline, the international ethics of developing vaccines against emerging infectious diseases, and national vaccine policies of the Republic of Korea, thereby providing perspectives from vaccine research to international coordination to governmental policies.

History of Vaccines

“An Early American Smallpox Vaccine Based on Horsepox”
Genomic data and phylogenetic analysis suggest a pivotal role of horsepox in the development of the smallpox vaccine.

Research Highlights

“Efficacy and immunogenicity of a Vi-tetanus toxoid conjugate vaccine in the prevention of typhoid fever using a controlled human infection model of Salmonella Typhi: a randomised controlled, phase 2b trial.”

“Typhoid vaccine development with a human challenge model”
Vaccine hesitancy in the news

The World Health Organization defines vaccine hesitancy as, “delay in acceptance or refusal of vaccines despite availability of vaccination services. Vaccine hesitancy is complex and context specific varying across time, place and vaccines. It includes factors such as complacency, convenience and confidence.”

The Vaccine Confidence Project, affiliated with the London School of Hygiene & Tropical Medicine, is funded by the Bill & Melinda Gates Foundation and the World Health Organization. The mission of this Project is to monitor public confidence in vaccines and immunisation programs. The website for the Project includes a news section on antivaccine sentiments and events which are linked to an interactive global map depicting the respective locations.

International Society for Vaccines

ISV now has 100 Facebook members and over 415 LinkedIn members. Join us online to take part in discussions or to find out what is happening in the society.

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/