

CTVD MEMBERSHIP UPDATE

For those of you who have been with us since the inception of CTVD, we are so thankful for your continued involvement; and fortunate to have you as part of the team. For those of you who are new to CTVD, welcome! We now have 62 member institutions...and are still growing.

4TH ANNUAL CTVD MEETING

The 4th Annual CTVD Meeting was held at the Gates Foundation in Seattle, WA June 20-22, 2018. Members of our seven research communities met on June 20 and the general meeting convened June 21-22. Remarkable unpublished TB vaccine-related data were presented at this collaborative and productive meeting, with 190 participants from academia, independent research institutes, industry, funding organizations and the Gates Foundation. During the first day, experts discussed topics such as end to end development of TB vaccines, recent advances in basic immunology and immuno-oncology, comparison of multiple vaccines in animal models, and a new focus on BCG. The evolution of TB vaccine efforts at the foundation and at the Gates Medical Research Institute was also discussed. Oral and poster presentation from junior investigators received very positive feedback. On the second day, the seven different CTVD research communities shared their outputs, which included developments in their specific areas and priorities for research. To view the presentations from this year's annual meetings, as well as our junior investigator abstracts, please visit <https://portal.ctvd.co/ctvdmeetings/Pages/Seattle18.aspx>

CTVD PORTAL

Have you missed previously recorded CTVD Virtual Forums or Meetings? Want to view documents from your Research Community? Access to the secure portal is available to CTVD members whose institution has signed the DMSA (data and materials sharing agreement). There is an expectation that data arising from CTVD services and GH-VAP services be shared in a manner consistent with the Data Sharing Principles. Visit the CTVD Portal, located in the upper right hand corner of the CTVD home page, <https://www.ctvd.co>, to access all this information and more. Forgot your logon? Contact Ksenia Koon (kkoon@ctvd.co), CTVD Manager, for help.

CTVD ANNUAL SURVEY

Have you taken this year's survey yet? It's not too late! Whether you are new to the CTVD, or have taken previous surveys before, we want your input.

The 2018 CTVD Annual Perception Survey is open until July 31st. This short, confidential opinion survey takes approximately 10 minutes to complete. It helps to measure the CTVD's effectiveness towards achieving its goals and provides an overall sense of what participants experience, think and need.

To take the survey, use the personal link provided in your invitation email (sent on June 22nd), or use this web link: <https://www.surveymonkey.com/r/CTVD2018>

Feel free to contact the evaluators directly with any questions via email at april@cespartnership.com or michael@cespartnership.com.

Thanks for your participation!

UPCOMING VIRTUAL FORUMS

The CTVD holds monthly virtual forms aimed at keeping our members informed of exciting advances in the field. If you have ideas for topics/speakers for upcoming virtual forums, please send them our way!

Note the upcoming virtual forum presenter and date. All forums are held at 8am pacific time. Login details will be sent to CTVD members prior to each forum.

Our next webinar will be held on September 20, 2018 at 8am pacific time. **Dr. Jason Andrews from Stanford** will be presenting on the epidemiology of TB. Details will be forthcoming.

To view the most recent webinar, visit CTVD portal, located in the upper right-hand corner of the CTVD home page, at <https://www.ctvd.co>.

RESEARCH COMMUNITY UPDATE

CTVD has seven research communities. These research communities are involved in identifying and mapping critical research priorities for TB vaccine discovery and development. Each community is mandated with discussing the issues at hand and devising priority areas to address. We, at the Gates Foundation, champion these research communities and investigate avenues to fund these priorities. If you have questions about any of the research communities, please ask one of the co-chairs.

Aerosol and Mucosal Vaccination: Aurelio Bonavia | Steffen Stenger

B-cells and Antibodies: Bryan Charleston | Steve Porcelli

Conventional T cells: Helen Fletcher | Kevin Urdahl

Donor-Unrestricted T Cells: Dave Lewinsohn | Branch Moody

Innate Immunity: Mihai Netea | Shabaana Khader

Non-Human Primates: Trisha Darrah | Dominick Laddy

Whole Cell TB Vaccines: Olivier Neyrolles | Roland Brosch

EARLY CAREER SCIENTIST AWARD

Today's early career scientists are essential to ensure that the field remains innovative, scientifically robust, and to infuse new approaches to tackle the scientific challenges in order to develop a TB vaccine. The CTVD has implemented a process, the CTVD Early Career Scientist Award, to recognize the efforts of early career scientists who have made significant contributions to research in TB host-pathogen biology, immunology, and vaccinology. The Early Career Scientist award carries with it a travel grant to attend a TB-related conference. This award will cover expenses related to registration and travel (air flight, lodging, and meals).

All nominations must be submitted electronically via the link below. Nominations will not be accepted by email or by post. Please submit your nominations today!

<https://www.ctvd.co/Pages/EarlyCareerScientistAward.aspx>

VISITING SCIENTIST PROGRAM

The Visiting Scientist Program (VSP) enables scientists from different CTVD member institutions to embrace new scientific concepts and gain experience in novel technologies with an overarching goal of promoting the exchange of ideas, expertise, and experiences. Through the VSP, scientists from CTVD member institutions from around the world are invited, as visiting scientists, to spend from 1 week to a maximum of 3 weeks and participate in established research studies in a laboratory of a CTVD member institution of their choice. Visiting scientists and the host scientists will jointly develop a coordinated agenda and training schedule, which is tailored to address their area of expertise and/or the specific techniques, instruments or innovations they want to learn.



Congratulations to our most recent visiting scientist awardee! Immediately following the CTVD annual meeting last month, Anele Gela (from the South African Tuberculosis Vaccine Initiative at University of Cape Town) visited the laboratories of Dr. Chetan Seshadri at the University of Washington in Seattle. Dr. Gela received training in CD1b tetramer technology and cutting-edge immunological studies.

Please visit <https://www.ctvd.co/Pages/VisitingScientistProgram.aspx> for more information and to apply!

CTVD ADVISORY COUNCIL

The CTVD Advisory Council is comprised of the co-chairs from each of the seven research communities, plus a representative from TBVI. The Advisory Council meets semi-annually and guides the direction of CTVD.

GH-VAP

The Global Health Vaccine Accelerator Platform (GH-VAP) program provides investigators with access to several specialized research platforms to accelerate vaccine discovery and translation across infectious disease areas. To learn more, visit GH-VAP at <https://www.ghvap.org>

PUBLICATIONS OF INTEREST

Below are some suggested articles and books. Do you have a publication that you think the CTVD community would enjoy reading? If so, please let us know. We welcome your contributions of publications of interest for upcoming newsletters and our website.

Prevention of M. tuberculosis Infection with H4:IC31 Vaccine or BCG Revaccination, NEJM, 2018 Jul

12;379(2):138-149.

[Link to publication](#)

The history of discovery in TB including chapters on BCG, INH and DOTS

[Link to publication](#)

OTHER SUGGESTED TB R&D RESOURCES

Text of a debate on TB in UK parliament which includes talking points in support of TB R&D

[Link to resource](#)

Speech by UK MP Nick Herbert to the UN civil society hearing which includes plans for increased TB R&D financing

[Link to resource](#)

TB R&D for the UN mission

[Link to resource](#)

FEEDBACK

If you have questions or comments, please contact the CTVD program manager at kkoon@ctvd.co

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