

INSTITUTE OF ADVANCED VIROLOGY

An autonomous institution under Science and Technology Department Government of Kerala

Workshop on

"Monoclonal antibodies, an emerging era in biologicals: Principles of production, applications in immunodiagnostics and therapeutics" (Hands on training in monoclonal antibodies)

8-9 December 2022

THEME OF THE WORKSHOP

The workshop for capacity building in antibody research will cover:

- · The basics of monoclonal antibody production
- · Applications of mAbs in R & D as well as their translatability in medicine for better outcomes to combat diseases
- · Hands-on training in the methodologies associated with the production of mAbs
- · Review of IPR associated with monoclonal antibodies
- · The landscaping of the commercialization of lead mAb products

ABOUT THE WORKSHOP

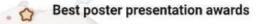
- There will be an open discussion to identify and prioritize challenges and propose strategies for the development of mAbs against viral the diseases.
- The first day of the workshop will constitute the theoretical aspects and will be open to all the participants.
- On day 1, 90 participants will be selected for the hands-on training program on various aspects of mAbs to be held on day 2.
- IAV, Thiruvananthapuram will also host The Young Investigator
 Poster presentation and Turbo Talk session on day 2.
- The poster session will be for the selected posters and abstracts primarily from the Ph.D. students, research fellows, and early

postdocs contributing to antibody research and translational virology.

- The students from other streams like engineering and medical are also encouraged to participate in other sessions where a young and innovative brain pool will present their ideas and concepts for future antibody research and translational virology, particularly for differential diagnosis and effective therapy.
- The session will also include a 8-10 minute Turbo Talk presentation from 5 selected poster abstracts as well as the 5 best young and innovative brain pools. We look forward to an enthusiastic participation from all the other institutes and state engineering colleges

Registration and Abstract submission starts from 16th August 2022.

Opportunities for Students and Young Scientists



Best oral presentation awards

Hands on training on mAbs

AWARDS

- ▶ Three best Poster Presentation. (Award- Cash Prizes and certificates)
- ► Three best Turbo talks presentation (Award- Cash Prizes and certificates)

Workshop Speakers and Mentors

Dr. Devinder Sehgal (Staff Scientist, NII, New Delhi)

Prof. Deepak T Nair (Professor, RCB, Faridabad)

Dr. Sumant Vyas (Principal Scientist, NRCC, Rajasthan)

Dr. Chitra Arvind (IPR Expert, New Delhi)

Dr. Chandresh Sharma (Assistant Prof., C.S.J.M, Kanpur)

Dr. Rajesh Kumar (Principal Scientist, IAV, Kerala)

Dr. Mohanan V (Sr. Principal Scientist, IAV, Kerala)

Dr. Aswathyraj (Scientist C, IAV, Kerala)

Dr. Subir Biswas (Industry Antibody Expert, GenScript, Hyderabad)

Dr. Shashank Gupta (GenScript, Singapore)

Hands on Training Topics

Workshop 1: Monoclonal antibody production, purification using affinity columns, culture maintainence and hybridoma revival

Workshop 2: Antibody isotype identification, antibody software usages practice, structural modeling, IMGT usages, gene rearrangements and IPR filing

Workshop 3: Antigenic based preparations, characterization and suitability for monoclonal antibody isolation

REGISTRATION

	Early Bird (Till Oct 15, 2022)	Regular (Till Nov 31, 2022)	Late /on Spot (Dec 08, 2022 Onwards)
Students / R. Scholars	1000	1500	2000
Faculty/ Scientist	2000	2500	3000
Industry Personals	3000	3500	4000
Foreign Delegates	\$50	\$100	\$150

Register on: https://forms.gle/jiYp7mukQLETkX546 The Bank account details for deposition of registration fee is-Account Name- Director Institute of Advanced Virology, Account No.- 110064019189, IFSC- CNRB0014004, Canara Bank, Pattom II branch, Thiruvananthapuram

CALL FOR ABSTRACT

Short abstracts for poster and turbo talk presentations related to above mentioned theme are to be uploaded along with registration form by 31st November 2022. The abstract should be typed using MS Word. The size of posters should be 1 x 1.5 m

IMPORTANT DEADLINES

Registration Deadline:

Abstract Submission Deadline:

31st November 2022

31st November 2022

 Registration fees will include participation in young innovative brain pool/ turbo talks presentation/ lecture series, hands on training sessions (for selected participants), lunch breaks, tea breaks, workshop materials

Organizing Committee

Chief Patron

Dr. E Sreekumar(Director, IAV)

Convener and Organizing Secretary

Dr. Rajesh Kumar(Principal Scientist, IAV)

Co-convener

Dr. Mohanan Valiya Veetil (Sr. Principal Scientist - Scientist-F, IAV)

Dr.Binod Kumar (Principal Scientist - Scientist E-II, IAV)

Dr. Aswathyraj S (Scientist-C, IAV)

Dr. Anismrita Lahon (Scientist-C, IAV)

Organizing Committee Executive

Manoj Kumar S (Administrative Officer)

Renjith R S Nair (Section Officer)

Gopikrishnan K (Core Facility Incharge)

Nithin Besent N (Technical Officer - Engineering Support)

Fathima Zahra C (Technical Officer - Laboratory and Project Management)

Johney Philip (Technical officer)

Vinod S (Technical Officer - Technical Support)

Scan here for Registration



Workshop Secretariat:

Interfacing Basic and Translational Research

Institute of Advanced Virolgy, Bio 360 Life Science Park, Thonnakkal, Thiruvananthapuram, Kerala - 695317

For any Query contact:

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