

A microscopic image of cells, possibly lymphocytes, with an orange overlay. The cells are irregularly shaped and have a granular appearance. The orange overlay is semi-transparent, allowing the underlying cell structure to be visible. The text is in the top left corner.

IUIS Veterinary Immunology Committee (VIC)

Veterinary Immunology Committee

Mission and Objectives of VIC:

To enhance the profile of veterinary immunology through international knowledge exchange and outreach activities that support research into animal diseases and vaccine development for the benefit of global communities.

- In a context of global change, all living organisms share fluctuating environmental pressures and the One health initiative should give us a highly relevant umbrella to collaborate with human immunologists in the frame of IUIS and of its various committees.
- Combining fundamental immunology and genomics will help to better understand and predict disease resistance and vaccine responses and will contribute to improve sustainable practices in farm systems : a way toward systems immunology and systems vaccinology
- We have to foster fundamental research in immunology and in host-pathogens interactions, as well as large scale studies to investigate individual response variabilities.

Veterinary Immunology Committee

The activities and goals are to:

- Promote veterinary immunology globally
- Support veterinary immunology initiatives and networking
- Support young researchers in the field
- Assist with the planning and funding of the International Veterinary Immunology Symposia (IVIS)
- Sponsor and support regional workshops and conferences
- Support the development of a toolkit of veterinary immunological reagents
- Coordinate databases and resources containing information of interest to veterinary immunologists (VIC Toolkit and VIC MHC)
- Administer the Distinguished Veterinary Immunologist (DVI) Award

Start of a veterinary immunology network/group in South Africa under the auspices of the South African Immunology Society

- funding support for the first meeting : 3350 \$
- The group has officially started in 2022

ALACI meeting

- Claire Rogel-Gaillard attended the conference in Cuba

Organization of IVIS2023 as a satellite conference of IUIS 2023

Proposition of two symposiums for IUIS2023

Organization of IVIS2023



Dates: Nov 18-Nov 21 and workshops on Nov 22

Location: Kruger National Park

Web site: <http://ivis2023.org/>

Steering committee chairs: Sven Parsons (SA) and Claire Rogel-Gaillard (FR)

Scientific committee chairs: Yolandy Lemmer (SA) and Alejandra Capozzo (ARG)

PCO, Savetcon, South Africa: Corné Engelbrecht



Opportunities

- Maintaining strong relationships with global funders (BMGF) and networks (STAR-IDAZ, IVVN)
- Tightening links with European Vet Immunology group (EVIG) and International Society of Animal Genetics (ISAG)
- Coordination/provision of education resources for veterinary immunology
- Supporting the development of community databases (reagents, MHC)
- Organization of two symposiums during IUIS2023 conference that are attractive to both human and veterinary immunology communities
- Contribution to the thriving of the immunology network/group in South Africa

Challenges

- Proposing an attractive program of webinar series on veterinary immunology with insights on global health issues and up-to-date methodologies
- Efficiently advertising on IVIS 2023 to ensure a large audience
- Finding mechanisms to sustain online global veterinary immunology databases that serve the community (immunological reagents, MHC) – relates to the importance of the relationships we build

Future plans



- To organise webinars connected to IVIS2023 programming
- To link with the International Society for Animal Genetics (ISAG)
 - Two target standing committees : “Comparative MHC “and “Genetics of immune response and disease resistance”
 - Awards for best posters and oral presentation for PhD candidates and young scientists who will attend ISAG conference in 2023 (Cape Town, South Africa)
- To maintain interactions with the European Veterinary Immunology Groups (EVIG)
 - Travel grants for young scientists to attends EVIW in 2024 (Dublin, Ireland)
- To support training courses
 - Bovine and porcine immunology for Spanish speakers
 - One health
- To organize a process to renew VIC membership

VIC membership (2019-2023)



Name	First name	Country	Position for VIC		email address
Capozzo	Alejandra	Argentina	Member	AVI, ALAI	alejandra_capozzo@yahoo.com.ar
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Hammond	John	UK	Member	VIC MHC Chair	john.hammond@pirbright.ac.uk
Hope	Jayne	UK	Member	VIC Toolkit Chair	Jayne.Hope@roslin.ed.ac.uk
Jungersen	Gregers	Denmark	Member	EVIG Chair, EFIS	grju@ssi.dk
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Loving	Crystal	USA	Member	AAVI, IVIS 2019 Chair	Crystal.Loving@ARS.USDA.GOV
Rogel-Gaillard	Claire	France	Chair		claire.rogel-gaillard@inrae.fr
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