

The background of the slide is a microscopic image showing several large, rounded cells with prominent, dark, granular nuclei. The cells are set against a light orange background. The text is overlaid on the top left of this image.

# 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

# Activities



## 7<sup>th</sup> European Veterinary Immunology Workshop (EVIW)

- Virtual meeting
- <https://7theviw.org/index.php?r=site/programme>
- Dates: August 29-31, 2021
- IVIS funding support (2020): 3000 \$

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

- IVIS funding support for the first meeting : 3300 \$

## International Course on bovine and porcine immunology

- 3rd edition (2016, 2018, 2020)
- Location: Buenos Aires at INTA facilities
- Organizers : Claudia Mongini, Marie Montoya, Patricia Zamora
- IVIS funding support : 3500 \$

*“At the closing of the conference we were able to hand out **10 prizes for best student poster and oral presentations** as funded by your support. The voting was done on-line by participants. The scientific committee and prizes travelled all around the world.”*  
Gregers Jungersen & Isabelle Schwartz-Cornil  
(organizers)

The network/group will officially starts in 2022

Pending (COVID-19 issues)

## Activities: organization of IVIS2023



IVIS2022 has been postponed to 2023



### New dates:

- IVIS2023: Nov 18-Nov 21 and workshops on Nov 22
- IUIS2023: Nov 27-Dec 2

New web site: <http://ivis2023.org/>

### Locations:

- Plan A: Kruger National Park
- Plan B: Spier between Cape Town and Stellenbosch

### Steering committee

- Sven Parsons (SA), Chair
- Claire Rogel-Gaillard (FR), Co-Chair

### Scientific committee

- Christine Maritz-Olivier (SA), Chair
- Alejandra Capozzo (ARG), Co-Chair

PCO: Savetcon, South Africa

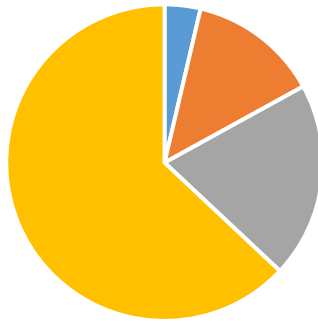
- Corné Engelbrecht

## Activities: starting webinar series



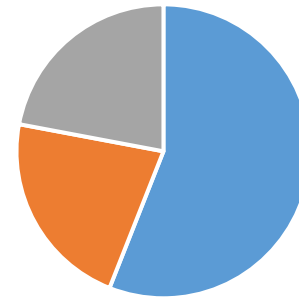
- Proposing 3 to 4 webinars on relevant topics for the veterinary and immunology community in 2022 and 2023
  - Events connected to IVIS2023
  - Topics: nomenclature, MHC, toolkits, methodologies to share (bigger data, more precise data, single cell analyses, emerging diseases, etc.)
- Connecting with IUIS committees and aligning the agenda with other webinar series

**Expenses in 2020**



- Deposit payment for IVIS 2022 [\$ 550]
- Pre-meeting course on systems immunology [\$ 2000]
- EVIW in 2021 [\$ 3000]
- Unused budget (Covid issues)

**Expenses in 2021**



- Deposit payment for IVIS 2023 [\$ 8382]
- Toolkit or deposit payment for IVIS2023 (pending) [\$ 3290]
- Immunology Network in South Africa [\$ 3300]

## **Proposed expenditure in 2022**

- Preparation of IVIS 2023 and networking
- Porcine and bovine immunology course (still pending)
- Webinars and courses
- Immunology toolkit support

## Opportunities

- Maintaining strong relationships with global funders (BMGF) and networks (STAR-IDAZ, IVVN)
- Special Topics in *Frontiers in Immunology*, papers written by VIC members
- Co-ordination/provision of education resources for veterinary immunology
- Supporting the development of community databases (reagents, MHC)
- Working more closely with other IUIS Committees
- Maintaining IVIS 2023 as a satellite meeting of IUIS2023

## 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
- Starting the immunology network/group in South Africa



## VIC membership (2019-2022) -> until 2023



Name	First name	Country	Position for VIC		email address
Capozzo	Alejandra	Argentina	Member	AVI, ALAI	alejandra_capozzo@yahoo.com.ar
Chege	Gerald	South Africa	Member	FAIS	gerald.chege@uct.ac.za
Entrican	Gary	UK	Member, Past-Chair		gary.entrican@roslin.ed.ac.uk
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
Kai	Chieko	Japan	Member	FIMSA	ckai@ims.u-tokyo.ac.jp
Loving	Crystal	USA	Member	AAVI, IVIS 2019 Chair	Crystal.Loving@ARS.USDA.GOV
Rogel-Gaillard	Claire	France	Chair		claire.rogel-gaillard@inra.fr
Santos	Isobel	Brazil	Member	ALAI	imsantos@fmrp.usp.br
Wattrang	Eva	Sweden	Treasurer		eva.wattrang@sva.se
Parsons	Sven	South Africa	Member	IVIS 2023 Chair	sparsons@sun.ac.za