

A microscopic image showing several cells with prominent granules, likely eosinophils, against a dark background. The granules are bright and densely packed in some cells. The text is overlaid on the top left of the image.

IUIS

VIC

Veterinary immunology Committee

The Veterinary Immunology Committee (VIC) promotes and coordinates the interests of the international veterinary immunology community.

**The main activities of VIC include:**

- Promote veterinary immunology
- Assist with the planning and funding of International Veterinary Immunology Symposia (IVIS) – these are held every three years as satellite meetings of the International Congress of Immunology;
- Coordinate databases containing information of interest to veterinary immunologists;
- Sponsor and support regional workshops, courses and conferences;
- Coordinate the development of a toolkit of immunological reagents suitable for use in animals of veterinary interest;
- Administer the Distinguished Veterinary Immunologist Award.

# 2024 specific OBJECTIVES



**COLLABORATION WITH OTHER COMMITTEES**

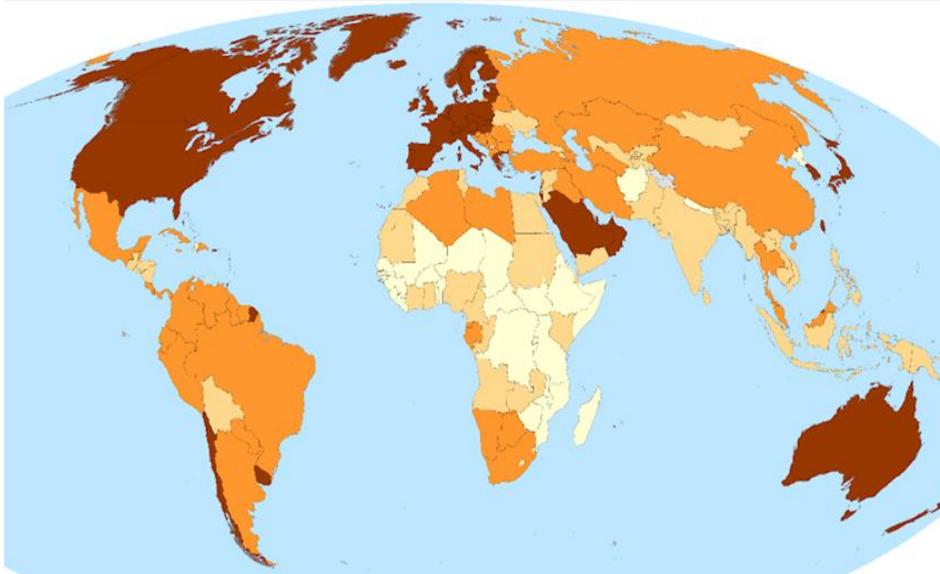


**COMMUNICATION**

**PROMOTING THE ONE HEALTH APPROACH**



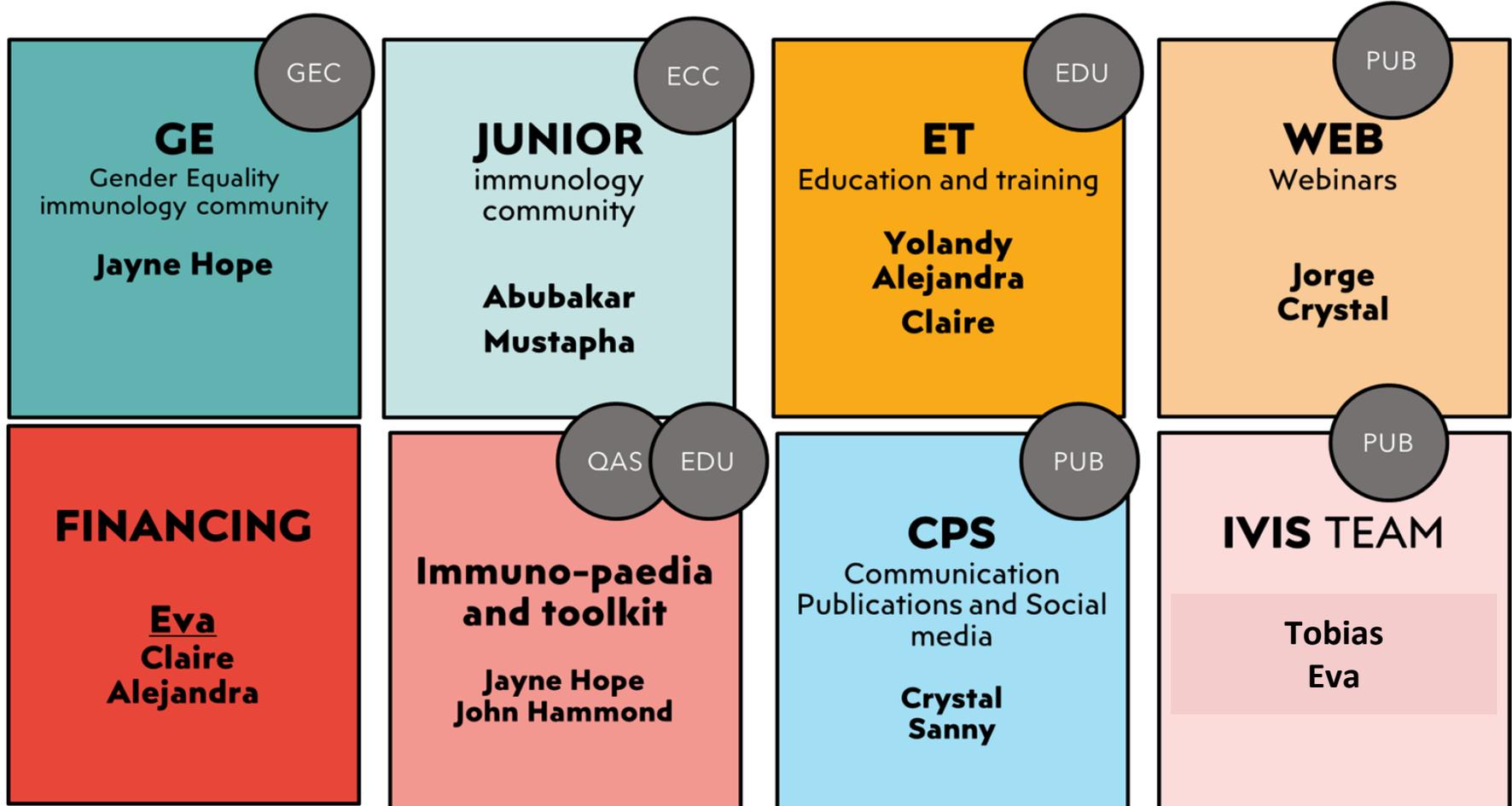
**IMPROVING  
OUR TOOLKIT**



**SUPPORTING VETERINARY  
IMMUNOLOGY IN LOW-MIDDLE  
INCOME COUNTRIES**

**Only 7% of the global population  
lives in high income countries**

## WORKING GROUPS: VIC-PARTICIPANTS AND IUIS LINKS



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## Invited speaker to Toolkit WS at EVIW in Dublin, Ireland

To support the development of tools and databases

Veterinary  
Immunology  
Committee  
(VIC)



### VIC MEMBER SWINE IMMUNOLOGY

- Young growing veterinary immunology researcher
- Experience in immunological tools.
- She was involved with the organization of IVIS 2019 and 2023.



QAS  
EDU

**Immuno-paedia  
and toolkit**

Jayne Hope  
John Hammond

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## BASIC TRANSCRIPTOMIC COURSE



With a focus on immune response to zoonotic infections within a One Health approach

Veterinary Immunology Committee (VIC)

- 10 full scholarship awards
- Faculty fees

In collaboration with :

- Argentinean Association for Veterinary Immunology
- Veterinary Immunology Latin-American Network
- Universidad Abierta Interamericana



### TRANSCRIPTÓMICA BÁSICA

Curso de Posgrado Teórico- Práctico de Introducción a la Transcriptómica  
Modalidad Virtual

#### Temas:

- ✓ Fundamentos de la transcriptómica
  - ✓ Tecnologías de secuenciación
  - ✓ Preparación de muestras para secuenciación
  - ✓ Análisis de datos transcriptómicos
  - ✓ Análisis de vías y funciones biológicas
  - ✓ Aplicaciones transcriptómicas a nivel "single cell"
  - ✓ Prácticas y casos de estudio
- Curso con evaluación, válido para carreras de posgrado.

**Objetivo del Curso:** proporcionar una introducción básica a los principios y técnicas de la transcriptómica, incluyendo el diseño experimental, la obtención de ARN, secuenciación de ARN y el análisis de datos transcriptómicos.

*Las actividades aplicadas de este curso estarán centradas en temas de inmunología de enfermedades zoonóticas.*

<https://someve.com.ar/>  
[aaiv.redlatinvet@gmail.com](mailto:aaiv.redlatinvet@gmail.com)

Para las actividades prácticas se priorizará la participación de estudiantes de doctorado y maestrías

¡No se requieren conocimientos previos!

**FECHA:** martes y jueves de 14 a 17 hs. del 1 al 29 de agosto

INSCRIPCIONES Y ARANCELES



[https://docs.google.com/forms/d/e/1FAIpQLSc5JqEdeRUJFY3cYmDwWhw1bPLu0FpUO7FW3c9TTFXIZnGbw/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSc5JqEdeRUJFY3cYmDwWhw1bPLu0FpUO7FW3c9TTFXIZnGbw/viewform?usp=sf_link)

NUEVA FECHA  
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Inscripciones  
30/06/24

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## INMUNO-SOUTH-AFRICA- 2024

A comparative immunology course with a focus on zoonotic infections within a One Health approach



**IUIS-FAIS-SAIS IMMUNO-SOUTH AFRICA**  
Pretoria, South Africa | 30 September – 4 October 2024

ONE HEALTH – ZONOSIS AND COMPARATIVE IMMUNOLOGY



EDU

**ET**  
Education and training

**Yolandy  
Alejandra  
Claire**

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**SYMPOSIUM at ALACI 2024: IMMUNOLOGY UNDER THE “ONE HEALTH” PERSPECTIVE** where human and veterinary immunology come together

Veterinary  
Immunology  
Committee  
(VIC)



**14th Latin American and  
Caribbean Immunology Congress.**  
November 4-8, 2024. Buenos  
Aires, Argentina

## Founder of the field of nucleic-acid -based vaccines

- First researcher to provide evidence that gene-based immunization could protect against infectious diseases such as influenza, tuberculosis, HPV, and HIV.
- Experience in comparative immunology.
- She was involved with the first trial of a gene-based influenza vaccine in humans.
- In 2002, Discover magazine recognized Liu as one of the 50 most important women in science.

- **ROUND TABLE : VETERINARY IMMUNOLOGY**
- **POSTERS**



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**IVIS 2025 - VIENNA - August 11-14. Hilton Viena Park**

Veterinary  
Immunology  
Committee  
(VIC)



**Tobias Käser (PhD)**  
Symposium Chairperson

Dr Käser is the Assistant Professor of Immunology at the Institute of Immunology at Vetmeduni Vienna.



**Sabine Hammer (PhD)**  
Co-Chair of the Scientific Committee

Sabine E Hammer currently works at the Department of Pathobiology, University of Veterinary Medicine, Vienna.



**Kerstin Mair (PhD)**  
Co-Chair of the Scientific Committee

Kerstin works as a researcher at the University of Veterinary Medicine, Vienna | vetmed · Institute of Immunology.



**Sven Parsons**

Active member of the South African Immunology Society (SAIS), chairing the organizing committee of the International Veterinary Immunology Symposium (IVIS) in 2023, and convening the veterinary interest group of SAIS.



**Eva Watrang**  
VIC-IUIS representative

Researcher at the National Veterinary Institute, Department of Microbiology, Uppsala, Sweden.  
Treasurer for the Veterinary Immunology Committee

## Organizing Committee



<https://ivis2025.org/>

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## VIC NEWS - IUIS Newsletter

Veterinary  
Immunology  
Committee  
(VIC)

We shared information on the regional activities, courses we supported and the IVIS 2023 meeting

**VIC Champions One Health Approach in Immunology Research with New Courses and Symposium**

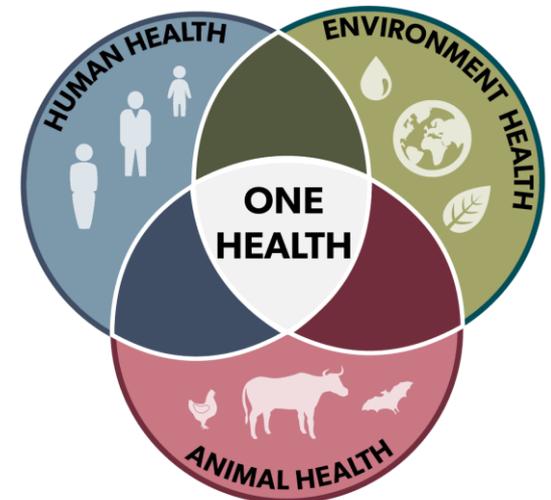
Issue No. 44 | July 2024

**Save the Date IVIS 2025**

Issue No. 43 | March 2024

**IVIS2023: A Success!**

Issue No. 42 | December 2023



## Activities

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**PUBLICATION : REPORT OF 2023 IVIS MEETING**

Veterinary  
Immunology  
Committee  
(VIC)



Veterinary Research

## **Insights from the 2023 International Veterinary Immunology Symposium: Global Perspectives at Kruger National Park**

*Alejandra V. Capozzo, Yolanda Corripio-Miyar and Yolandy Lemmer\*.*

*Sent August 5th*

**COLLABORATION WITH OTHER IUIS COMMITTEES**

**PROMOTION OF THE ONE HEALTH PERSPECTIVE**

**SUPPORTING REGIONAL WORKSHOPS AND ACTIVITIES**

**IMPROVEMENT OF OUR TOOLKIT**

**IVIS 2025 ORGANIZING COMMITTEE ALREADY IN PLACE**

- 1. Global Collaboration:** By organizing international symposia and regional workshops, VIC has the opportunity to foster global collaboration, sharing knowledge and best practices across borders.
- 2. Expanding the Database:** Enhancing the databases with more comprehensive and up-to-date information can provide valuable resources for veterinary immunologists worldwide, positioning VIC as a key knowledge hub.
- 3. Innovative Toolkit Development:** The development of a specialized toolkit of immunological reagents offers the potential to standardize and improve research across veterinary species, advancing the field significantly.
- 4. Award and Recognition Programs:** The Distinguished Veterinary Immunologist Award can be leveraged to highlight pioneering work, inspiring new research and attracting attention to the field.
- 5. Educational Initiatives:** Sponsoring workshops and courses presents an opportunity to educate and train the next generation of veterinary immunologists, ensuring the continued growth and evolution of the field.

- 1. Funding Limitations:** Securing sufficient funding for symposia, workshops, and the development of immunological reagents
- 2. Global Coordination:** Coordinating efforts across different regions and countries, especially for events like the International Veterinary Immunology Symposia (IVIS),s.
- 3. Resource Accessibility:** Ensuring that immunologists, particularly those in under-resourced regions, have access to the databases, reagents, and tools developed by VIC can be difficult, potentially limiting the impact of the committee's efforts.
- 4. Technological Advancements:** Keeping up with rapid advancements in immunological research and technologies requires continuous adaptation, which can strain resources and expertise.
- 5. Recognition and Outreach:** Raising awareness about the importance of veterinary immunology and gaining recognition for the field's contributions within the broader scientific and veterinary communities

# Future plans



## Organize IVIS 2025 in Vienna



Event Planning: DIVERSITY

Introduce childcare services

<https://ivis2025.org/>

## Develop Advanced Educational Programs:



Annual Veterinary Immunology Webinar

Support regional courses

Co-organize courses with the EC

## Continue improving our reagents Toolkit



Collaborate with more research institutions

Improve Digital Access and Integration

## Enhance Global Networking and Collaboration



Regional Hubs: identify needs and opportunities

Collaboration with Other Committees

## One Health Awareness



Interdisciplinary Symposia: with experts from related fields

Increase written communication

## Showcase Activities: Global Recognition program



Produce more written communications

Increase the visibility and prestige of the DVI award