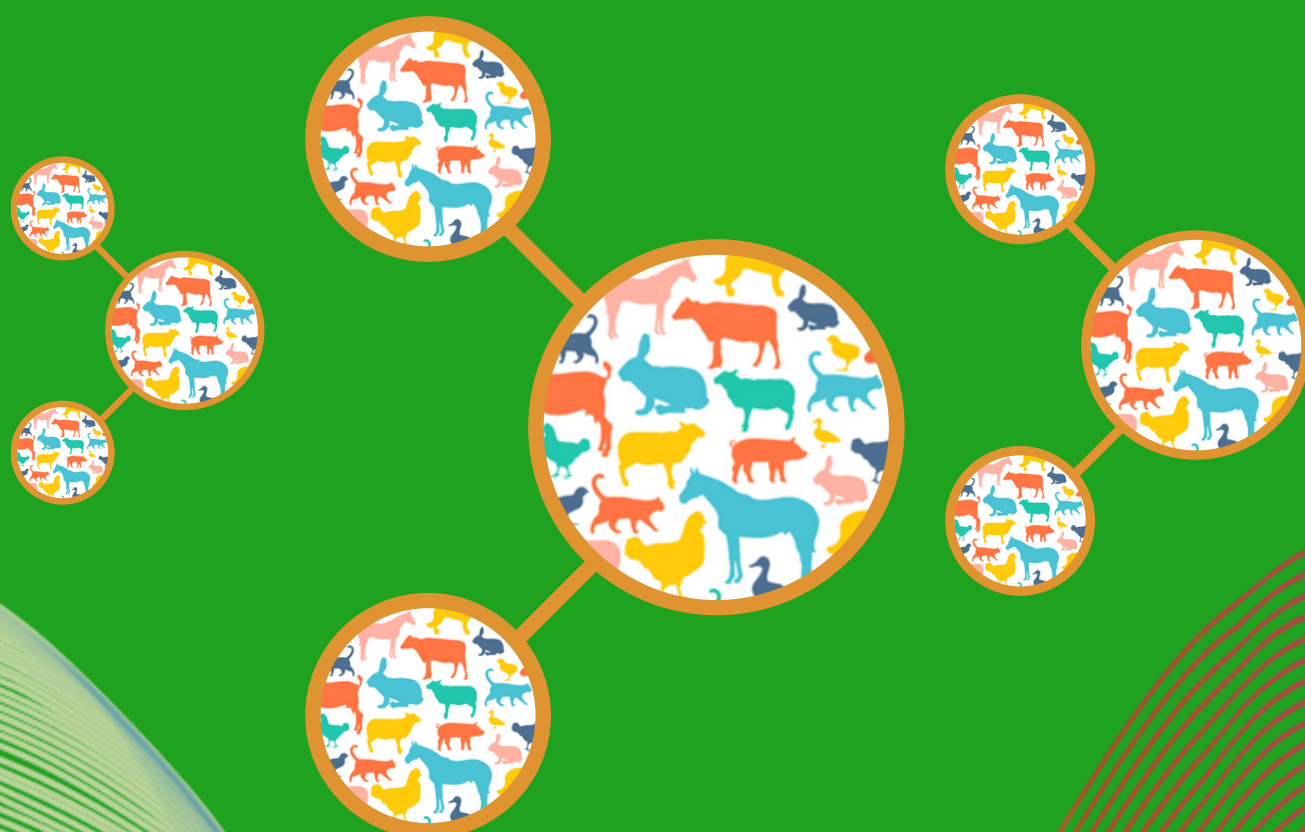


VETS FLOWING ON

FIRST EUROPEAN WORKSHOP ON VETERINARY AND LIFE SCIENCES FLOW CYTOMETRY

TURIN (I), CAMERA FOUNDATION, 21 NOVEMBER 2025



FOCUS ON

This workshop provides an overview of current applications of flow cytometry in veterinary medicine and life sciences. Studies from different species (dog, horse, cattle, avian, pig and marine mammals) and biological samples (blood, milk, seminal fluid, tissue aspirates, meat) are presented. The workshop also aims to facilitate the sharing of expertise and knowledge, as well as collaboration, between scientists from different countries. It marks the first step towards establishing a European community of veterinary flow cytometrists and recognising flow cytometry as an independent veterinary discipline.

SCIENTIFIC COMMITTEE

Valeria Martini
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ORGANIZING SECRETARIAT

Eventually meetings & events
Mondovì (CN) - Italy
info@eventuallyevents.it



SPEAKERS

Alberto Manuel ÁLVAREZ BARRIENTOS
Universidad de Extremadura - Badajoz - Spain

Diego BUCCI
University of Bologna - Dept. of Veterinary Medical
Sciences - Bologna- Italy

Tina Sorensen DALGAARD
Aarhus University - Denmark

Genny DEL ZOTTO
IRCCS Istituto Giannina Gaslini - Genova -Italy

Maria Mar FELIPO-BENAVENT
University CEU Cardenal Herrera - Valencia - Spain

Maria Elena GELAIN
University of Padova - Italy

Valeria MARTINI
DIVAS - University of Milan - Italy

Fulvio RIONDATO
University of Turin - Dept. of Veterinary Sciences - Turin -
Italy

Barbara RÜTGEN
University of Veterinary Medicine - Wien - Austria

Majlind SULCE
University of Tirana - Albany

Alessandra UBIALI
DIVAS - University of Milan - Italy

Daniel ZAKI
University of Oxford and the Pirbright Institute - UK

Sponsorship

*This meeting is possible thanks
to an unrestricted grant by*



Frontiers in
Veterinary Science

A journal by  frontiers

10:15-11:00 REGISTRATION & WELCOME COFFEE

11:00 Opening remarks: the workshop and related initiatives

CHAIRMEN: Valeria MARTINI, Fulvio RIONDATO

11:20-11:40 **Diego BUCCI - University of Bologna - Dept. of Veterinary Medical Sciences - Bologna- Italy**

Flow Cytometry applications in spermatology

11:40-12:00 **Alberto Manuel ÁLVAREZ BARRIENTOS - Universidad de Extremadura - Badajoz - Spain**

Analysis and characterization of extracellular vesicles in animal seminal liquids by Flow Cytometry

12:00-12:20 **Fulvio RIONDATO - University of Turin - Dept. of Veterinary Sciences - Turin - Italy**

Rapid detection of antimicrobial residues in broiler meat using Flow Cytometry-driven multiplex immunoassay

12:20-12:40 **Barbara RÜTGEN - University of Veterinary Medicine - Wien - Austria**

Flow Cytometry applications in companion animal oncology

12:40-13:00 **Alessandra UBIALI - DIVAS - University of Milan - Italy**

Beyond diagnosis: Flow Cytometry for the assessment of immune checkpoint molecules in canine hematological malignancies

LUNCH 13:00-14:30

14:30-14:50 **Genny DEL ZOTTO - IRCCS Istituto Giannina Gaslini - Genova -Italy**

From humans to horses: an essential way for the validation of monoclonal antibodies

14:50-15:10 **Tina Sorensen DALGAARD - Aarhus University - Denmark**

Challenges in Flow Cytometry analysis of avian T cell phenotypes and functions

15:10-15:30 **Daniel ZAKI - University of Oxford and the Pirbright Institute - UK**

High parameter flow cytometry panels to identify Tfh and Tfr cells in pigs

15:30-15:50 **Majlind SULCE - University of Tirana - Albany**

Granulocyte percentages in the rabbit peripheral blood during a local induced infection: a Flow Cytometric investigation

15:50-16:10 **Maria Elena GELAIN - University of Padova - Italy**

Flow Cytometry as a tool to investigate immune response in bovine mastitis

16:30-16:50 **Maria Mar FELIPO-BENAVENT- University CEU Cardenal Herrera - Valencia - Spain**

Applications of Flow Cytometry in the conservation of wild and human-cared marine mammals

16:50-17:10 **Valeria MARTINI - DIVAS - University of Milan - Italy**

Possible diagnostic application of ROS assessment in canine RBC

CLOSING REMARKS

PATRONAGE

