



# CONNECTING

## SPECIES AND ONCOLOGY RESEARCH

October 28 - Faculty of Veterinary Medicine

11:00 - 12:15 Tour of the Faculty of Veterinary Medicine  
(for limited group of participants who registered upfront)

12:00 - 13:00 Lunch & registration

13:00 - 13:30 One Medicine: the value of collaboration across species  
and the results of a comparative oncology approach  
[Dr. Valérie Freiche](#) - President of the ECVIM-European Society of Comparative Gastroenterology

13:30 - 13:40 Target identification via a cross-species approach  
[Prof. Bart Broeckx](#) - Laboratory of Animal Genetics (UGent)

13:40 - 13:50 Insights on rare tumor subsets via a cross-species approach  
[Dr. Suzanne Fischer](#) - Laboratory of Experimental Cancer Research (UGent)

13:50 - 14:20 Networking & coffee break

14:20 - 16:10 **What can we learn from various species with regards to cancer?**

Crossing the in vitro to in vivo gap on a **chicken** embryo • [Prof. Ward De Spiegelaere](#) - Laboratory of Veterinary Morphology (UGent)  
**Zebrafish** embryos, DNA damage repair, in vivo cancer modelling • [Prof. Kathleen Claes](#) - Laboratory for cancer predisposition and precision oncology (UGent)  
**Zebrafish** - adult model and cancer research • [Dr Jan Willem Bek](#) - Pediatric Precision Oncology Lab Ghent (UGent)  
**Xenopus tropicalis** model and cancer research • [Prof Kris Vleminckx](#) - Department of Biomedical Molecular Biology (UGent)  
**Mouse** models for cancer research and therapeutic testing • [Dr Jonas Steenbrugge](#) - Laboratory of Biochemistry (UGent)  
**Canine** and **feline** cancer patients: clinical trials • [Prof Hilde de Rooster](#) - Small Animal Teaching Hospital (UGent)  
**Human** cancer patients: clinical trials • [Prof Sylvie Rottey](#) - Head of the Drug Research Unit Ghent (UZ Gent)  
Q&A panel discussion • All speakers of this session

16:10 - 16:40 Networking & coffee break

16:40 - 18:00 **Overview of research tools at our disposal for the selected animal models/species**

Imaging opportunities for laboratory animals • [Prof Christian Vanhove](#) - INFINITY Lab (UGent)  
Imaging opportunities for canine and human cancer patients • [Prof Yves D'Asseler](#) - Dpt. of Medical Imaging, Nuclear Medicine (UZ Gent)  
Metabolomics in humans and animals for cancer research • [Dr Lieselot Hemeryck](#) - Lab of Integrative Metabolomics (UGent)  
Engineering and production of recombinant antibodies • [Prof Bert Devriendt](#) - Laboratory of Immunology (UGent)  
Q&A panel discussion • All speakers of this session

18:00 - 19:00 Networking reception

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