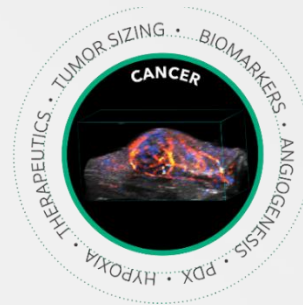
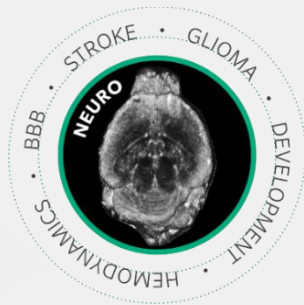


UPCOMING WORKSHOP

Pre-clinical 3R High Frequency Ultrasound and Photoacoustic Workshop University of Antwerp

SCAN TO
REGISTER16 to 17th of September 2025

University of Antwerp

Campus Drie Eiken
Universiteitsplein 1
Lab of Physiopharmacology
2610 Wilrijk

TOPICS TO BE DISCUSSED

- Functional and molecular cardiovascular imaging
- Oncology
- Neurobiology
- Hepatology
- Shear Wave Elastography

FOR MORE INFORMATION

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| PhysiopharmacologySeeing More Matters.
visualsonics.com

AGENDA

Tuesday | 16th September 2025 | Location

Morning: Campus Drie Eiken, D.Q.002 | Afternoon: Campus Drie Eiken, D.T2

8:30 – 9:00	Registration
9:00 – 9:10	Welcome & agenda <i>Adrie Gubbels – Fujifilm VISUALSONICS</i>
9:10 – 9:40	Validating pre-clinical mouse models of cardiovascular disease with high-frequency ultrasound <i>Bo Goovaerts, DVM – University of Antwerp</i>
9:40 – 10:10	Analysing diastolic dysfunction in mice and rats <i>Dr E. Jones – University Leuven</i>
10:10 – 10:30	Coffee break
10:30 – 11:10	Latest development on preclinical high-frequency ultrasound and molecular imaging: multimodal imaging <i>Dr Peter Kesa – Fujifilm VISUALSONICS</i>
11:10 – 11:40	Aortic biomechanics in murine Marfan syndrome: evidence for a protective role of autophagy. <i>Melissa Van Praet – University of Antwerp</i>
11:40 – 12:10	Optimizing orthotropic cancer models in mice using the Vevo F2 <i>Dr Natalie Proost & Dr Marieke van de Ven – Netherlands Cancer Institute NKI</i>
12:10 – 13:00	Lunch
13:00 – 14:00	Cardio HFUS and PA Imaging Session I
14:00 – 15:00	Cardio HFUS and PA Imaging Session II
15:00 – 16:00	Offline Data analysis
16:00 – 16:30	Round table discussion on HFUS-PA Cardio imaging
16:30 – 16:45	Wrap up Day 1

Wednesday | 17th of September 2025 | Location

Morning: Campus Drie Eiken, D.T2 | Afternoon: Campus Drie Eiken, D.T2

8:30 – 9:00	Registration
9:00 – 11:00	Live Neuro imaging HFUS and PA. (Two sessions depending on the number of participants)
11:00 – 11:20	Coffee break
11:20 – 12:30	Vascular Imaging Session – anatomical, functional and molecular PA imaging. Focusing on the mouse aortic arch and abdominal aorta
12:30 – 13:30	Lunch
13:30 – 14:30	Liver Imaging Session – identification of anatomical landmarks of abdominal organs, functional vascular imaging, molecular photoacoustic assessment of liver hemoglobin oxygenation, liver elastography
14:30 – 15:15	Oncology Imaging Session I. Multimodal imaging approach to characterization of tumor microenvironment
15:15 – 16:00	Oncology Imaging Session II. Multimodal imaging approach to characterization of tumor microenvironment
16:00 – 16:15	Coffee Break
16:15 – 17:00	Offline data analysis of neuro and oncology data
17:00 – 17:20	Round table discussion – Q&A
17:20	End of Workshop