



Curriculum Vitae

Personal information **Shanna Dewaele**

Work experience

02.2024 - present: GMP inspector; FAMHP Federal Agency for Medicines and Health Products; Belgium; GMP inspections

09.2021 - 06.2023: Scientist; CellCarta; Belgium; development and validation qPCR/dPCR assays, implementation and validation new instruments and techniques, scientific guidance of clinical trial, custom service and R&D projects

09.2016 - 09.2021: PhD in Medical sciences; OncoRNALab/Ghent University; Belgium; wet lab work (cell culture work, mouse work, DNA/RNA focus), data analysis

07.2010 - 08.2016: Lab technician; AZ Groeninge; Belgium: wet lab work (sample preparation, handling and analysis), blood draws

Education and training

02.2013 - 06.2016: Master of Science - Biochemistry-Biotechnology; Ghent University; Belgium; cancer biology, biotechnological techniques, animal work

09.2007 - 06.2010: Bachelor - Medical laboratory technology; Kaho Sint Lieven; Belgium; analysis techniques for samples of different origin (blood, stool, urine,...), immunology, hematology,...

Additional information

Publications

- Dewaele et al. The long non-coding RNA SAMMSON is essential for uveal melanoma cell survival. *Oncogene*. 2022
- Dewaele et al. mTOR Inhibition Enhances Delivery and Activity of Antisense Oligonucleotides in Uveal Melanoma Cells. *Nucleic Acid Ther*. 2023

Projects

- the identification of SAMMSON, a lncRNA which is almost only expressed in uveal and skin melanoma cells, followed by the investigation of therapeutic options (antisense oligonucleotides) to target the lncRNA as a treatment option.
- the investigation of combination therapies to enhance the therapeutic response and prevent/delay the relapse.

Memberships

not in the last 3 year. During my PhD I obtained a FWO fellowship, I participated in multiple scientific conferences in Belgium and abroad.

Other Relevant Information