

ABSTRACTS

- PLENARY SESSIONS -

Science Park: Sara Landuydt

Building Business on Science

When your research leads to a therapy, service or product, and you are taking steps to actually enter the market, a lot of new things come into play. You may need your own lab or office, you want to test your ideas with experienced experts in the field, you want advice on starting up a business, on regulation or on protecting your IP, you want to broaden your network in a targeted way, learn from the experiences of other start-ups, ...

As a campus and community for innovative, research-driven companies active in Health & Environment, the Science Park University of Antwerp is there to help you overcome these barriers.

Sightera Biosciences: Hendrik Verkammen - Maxim Le Compte

AI powered, patient-centric solutions

Sightera Biosciences, located in Incubator Darwin, is a spin-off project from the University of Antwerp in collaboration with the Antwerp University Hospital. Sightera focuses on developing innovative small molecules for oncology and regenerative medicine by combining patient-relevant models with artificial intelligence.

Sightera's mission is to significantly accelerate traditional drug development by integrating an alternative and complementary technology into conventional small molecule discovery, known as SPAR technology. Through our unique SPAR (Structure-Patient-Activity-Relationship) technology, we combine chemical structures with patient-relevant models to create more effective and relevant therapies from scratch. Sightera aims to enhance the efficiency of traditional drug development by designing highly patient-relevant small molecules from the start of the drug discovery process. Here, we will present the discovery of our potential first-in-class compound, SIGHT001-18, which demonstrated promising results, progressing from initial development to positive in vivo efficacy studies in less than 6 months.

Diana Campillo Davó

The search for the Holy (Grail) TCR: A crusade against cancer

Dirk Verellen – Michaël Claessens – Geert De Kerf