



## Akiram Therapeutics initiates Eurostars-funded collaboration to develop next-generation targeted alpha-therapeutics

Akiram Therapeutics, a Swedish biotech company specializing in targeted radiotherapy, today announces the launch of PRE-CISE, a Eurostars-funded research collaboration with Danish PreTT and TetraKit Technologies. The aim of the project is to develop a new generation of targeted alpha-therapeutics by expanding Akiram's proprietary CD44v6-targeting antibody platform using advanced pre-targeting strategies and radiolabeling chemistry.



The PRE-CISE project combines Akiram's CD44v6-targeting antibody platform with PreTT's expertise in pre-targeting technology and TetraKit's radiolabeling chemistry. Using a two-step approach—where the antibody first binds to the tumor, followed by the separate delivery of a radioactive payload—the collaboration aims to unlock access to alpha-emitting radionuclides that cannot typically be used with conventional antibody-based therapies. This strategy may significantly improve treatment precision while minimizing damage to surrounding healthy tissue.

"By separating the targeting step from the therapeutic phase, we open up new possibilities for designing more precise and effective cancer treatments," says Marika Nestor, CEO of Akiram Therapeutics. "This innovative therapeutic modality builds on our CD44v6 platform and represents an opportunity to expand our pipeline beyond beta-emitting radiotherapies."

"Participating in this project presents a remarkable opportunity to further validate our pretargeting approach, which leverages the targeting properties of antibodies for radioligand therapy. This advancement allows us to broaden the scope of potential treatments for various types of cancer," says Francesco Sergi-Lindell, CEO of PreTT. "Collaborating with the consortium will enable us to enhance our platform technology, as well as expand our pipeline."

"This collaboration will enable us to further develop our TetraKit platform and expand its application into new and highly exciting areas," says Andreas Jensen, CEO of TetraKit Technologies.

The PRE-CISE collaboration is co-funded by the Eurostars program with a total grant of EUR 1 million. Preclinical results are expected in 2026.

### **About Akiram's CD44v6 platform and lead candidate**

PRE-CISE builds on the CD44v6-targeting platform used in Akiram's lead candidate, <sup>177</sup>Lu-AKIR001, a beta-emitting radiopharmaceutical currently being evaluated in clinical trials.

Developed through antibody phage display and affinity maturation targeting the CD44v6 cancer marker, <sup>177</sup>Lu-AKIR001 combines the radiation component lutetium-177 with a targeted molecule. Preclinical studies have demonstrated its potential as a promising, first-in-class radiopharmaceutical therapy for cancers with high CD44v6 expression.

### **For more information, please contact:**

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### **About Akiram Therapeutics**

Akiram Therapeutics is a Swedish biotech company focused on the development of targeted radioimmunotherapy for cancer, which is based on a proprietary antibody targeting the cancer marker CD44v6 combined with a radiation component. The therapy has generated strong preclinical results in cancer models in conditions that currently lack effective treatments. With the potential for its drug candidate to be classified as an orphan drug and recognized as first-in-class, the company is dedicated to advancing research in this field, including indications in head and neck cancer, lung cancer, and aggressive thyroid cancer. Headquartered in Uppsala, Sweden, Akiram Therapeutics is staffed with experts in radiation science research, cancer precision medicine, and drug development. To learn more, please visit [Akiram's website](#) and follow Akiram on [LinkedIn](#).

### **About PreTT**

PreTT is an innovative company based in Copenhagen at the Bioinnovation Institute. PreTT focuses on revolutionizing cancer treatment with its pioneering pretargeted radioligand therapy (RLT) platform. The company aims to address the limitations of traditional radioligand therapies that typically rely on small molecules and peptides. PreTT's breakthrough pretargeting technology enables the use of monoclonal antibodies (mAbs) in RLT, overcoming challenges such as slow accumulation in tumors and delayed excretion from the body, which can lead to radiotoxicity in healthy tissues. PreTT's technology has the potential to make a significant impact on cancer treatments, offering a more precise and effective approach compared to conventional therapies. For more information, visit the company's [website](#) and follow PreTT on [LinkedIn](#).

### **About TetraKit Technologies**

TetraKit Technologies is a Danish science-driven biotech startup revolutionizing radiopharmaceutical development. Our proprietary TetraKit Platform simplifies the radiolabeling of any biomolecule with theranostic radionuclides, focusing on alpha therapy (astatine-211), fluorine-18, iodine-131, iodine-123, and even radiometals. We develop TetraKit-based radiopharmaceuticals in-house and through global partnerships. For more information, visit the company's [website](#) and follow TetraKit Technologies on [LinkedIn](#).