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FunPep and Crafton Biotech enter into joint research agreement for therapeutic mRNA vaccines in Japan

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Integrating FunPep's antibody-inducing peptide technology with Crafton's mRNA drug discovery platform



Japan-based FunPep and Crafton Biotechnology have entered into a joint research agreement and commenced collaborative research on therapeutic mRNA vaccines that integrate FunPep's antibody-inducing peptide technology with Crafton's proprietary mRNA technology.

FunPep is engaged in the creation and development of functional peptides based on its proprietary technologies, focusing on a diverse range of medical needs. The company's current research and development pipeline centers on "SR-0379" for skin ulcers, as well as antibody-inducing peptides (peptide therapeutic vaccines) leveraging its strength in the carrier peptide "AJP001."

Crafton is a biotechnology startup founded on technologies originating from Nagoya University and Institute of Science Tokyo. The company possesses an innovative mRNA drug discovery platform, including its proprietary capping technology "PureCap®," and is advancing the research and development of next-generation mRNA medicines through collaborations with pharmaceutical companies, research institutions, and a wide range of other partners.

The research aims to create novel therapeutic mRNA vaccines by integrating FunPep's antibody-inducing peptide technology with Crafton's mRNA drug discovery platform, which includes the proprietary capping technology "PureCap®." Under the agreed division of roles, Crafton will be responsible for the synthesis of the designed mRNA vaccines, while FunPep will conduct efficacy evaluation and related studies.