

Under the terms of the Agreement, Parvus will conduct pre-clinical development and clinical development activities through Phase I. Genentech will be responsible for clinical development from Phase II and beyond, including global regulatory submissions and worldwide commercialization of products.

“Parvus’ technology represents a potentially transformative approach for treating autoimmune diseases by inducing immune tolerance without causing generalized immune suppression,” said James Sabry, M.D., Ph.D., Global Head of Pharma Partnering, Roche. “In preclinical testing, Parvus’ platform has shown the ability to induce and expand disease-specific regulatory T cells, which restore immune system balance and halt the autoimmune disease process. We look forward to working with the Parvus team to hopefully bring this exciting advancement to patients.”

Navacims are a precision medicine platform designed to trigger a naturally occurring immunoregulatory mechanism of the mammalian immune system which has evolved to protect against autoimmune disease. As selected for each disease, Navacims present a singular, peptide-major histocompatibility complex (pMHC) at supra-physiological density, targeting cognate T cell receptors (TCR) on disease relevant T cells. Navacim binding causes a sustained assembly of TCR microclusters and prolonged signaling leading to disease-specific type 1 regulatory T (TR1) cell differentiation. Because Navacim activity depends on the presence of disease-causing, autoimmune T cells, their action is self-limiting. In preclinical disease models, Navacims have demonstrated broad therapeutic activity and disease reversal across a range of autoimmune disorders including diabetes, multiple sclerosis, ALD and IBD while consistently preserving immunocompetence to resist viral, microbial, and tumor challenges.

Parvus Therapeutics Inc. is a privately-held biopharmaceutical company engaged in the development and commercialization of Navacim therapeutics targeting autoimmune diseases. Navacims were discovered by Pere Santamaria, M.D., Ph.D. Chief Scientific Officer and Founder of Parvus, Julia McFarlane/Diabetes Canada Professor of the Cumming School of Medicine at the University of Calgary.