

# FireGate Biotech Inc

Translational Immunotherapy & Infectious Disease Research

firegatebiotech.com

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## Company Overview

FireGate Biotech Inc is a biotechnology research company focused on immunology, viral disease, and translational therapeutic discovery. The company develops modular immunotherapy platforms targeting CCR5 signaling, immune checkpoint pathways, and antibody-based strategies to address infectious disease, oncology, and neuroimmune disorders. FireGate operates as a virtual biotechnology organization coordinating scientific collaborators, clinicians, and contract research organizations to advance preclinical research and grant-supported translational studies.

## Core Capabilities

- Immunology and translational therapeutic research
- Viral pathogenesis and reservoir targeting strategies
- Computational biology and molecular interaction modeling
- Immune checkpoint pathway analysis (PD-1 / PD-L1)
- Antibody and receptor-targeted therapeutic strategies
- Preclinical experimental design and CRO coordination

## Current Research Programs

- **FG-001:** HIV functional cure strategies targeting CCR5 signaling
- **FG-002:** Tumor immune microenvironment modulation in oncology
- **FG-003:** Neuroimmune repair and demyelination research

## Differentiators

- Veteran-owned biotechnology company
- Open-science research model with public datasets and preprints
- Collaborative network of academic scientists and clinicians
- Virtual biotech structure enabling efficient research coordination

## Federal Registration Information

**UEI:** KTN7Y42M8TK3

**CAGE Code:** 172S3

**Certifications:** VOSB, SDVOSB

**SAM.gov Registration:** Active