



# nexelis

**disciplined agility**

assay development • specialty testing



## STUDY READOUTS

- Viral and bacterial load measurements
- Tumor growth
- Clinical readouts (clinical signs, survival)
- Specific, total and functional antibody measurements
- Immune checkpoints characterization
- Cytokine measurements
- Cell phenotyping, proliferation and survival
- Opsonophagocytosis
- Cell-mediated cytotoxicity
- Cell infiltration in tissue
- IHC/IF
- Possibility of histopathology and clinical chemistry/hematology via external collaborators



## PRECLINICAL SERVICES

Over the years, Nexelis has developed various preclinical in vivo models to support the development of multiple candidates in the fields of infectious diseases, immune disorders and oncology.

Whether for vaccines, immunotherapeutics, or other biologically-active molecules, we have the flexibility to adapt the readouts to fit your needs.

### Animal Study Design

- Key-in-hand services from need evaluation and study design to project management and study execution
- Working with various animals (mice, rats, hamsters, guinea pigs, rabbits, ferrets, pigs, etc.)
- In addition to standard and classical procedures, sustained experience with alternative routes of administration (intradermal, sublingual, transdermal)
- Sample collection through biopsy and necropsy

### In Vivo Study Approaches

- Immunogenicity (humoral, cellular and innate immune responses)
- Efficacy (BSL2 pathogens, tumor growth, immune disorders)
- Reactogenicity (systemic and local)
- Polyclonal and monoclonal antibody generation

