

PharmImmune: a solution jointly offered by CEA and Bertin pharma

Immunomonitoring

Biochemical characterization
Immunogenicity

Humoral specific responses
Vaccines & adjuvants

Therapeutic proteins

DNA/RNA
Deleterious humoral response
Cell biomarkers
Biomarkers of efficacy in animal models

Immunotoxicity

Immunotherapies
In vitro
Vaccines
Local & systemic inflammation
adjuvants
in vivo viability

Immune therapy

Immunomodulators
immunostimulants
immunosuppressors
Biomarkers
In vitro
in vivo
Immune cells
Therapeutic antibodies
Cell-based immune therapies
Therapeutic vaccines

Immune diseases

Allergy
Chronic inflammation
Multiple sclerosis

Immune disorders

Metabolic diseases
Neuro degenerative diseases
HIV/AIDS

PharmImmune is a set of competence and equipment dedicated to monitoring the patient's immune response or healthy volunteers after administration of a drug candidate. In other words, know-how and equipment to explore various diseases (infectious diseases, oncology, autoimmune diseases) to evaluate the efficacy and / or safety of new therapeutic approaches to any type of molecule (New chemical entities, vaccines, therapeutic proteins, etc..)

The services offered to the Pharmaceutical industry are dedicated to:

Immunogenicity

- Therapeutic proteins
- Vaccines



Immunotherapy

- *In vitro* & *in vivo* effects of the therapeutics on immune cells & their function
- Biodistribution
- Biomarkers



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- New chemical entities
- Therapeutic proteins



Facilities & assays

- L1, L2 & L3 facilities
- A1 & A3 animal facilities
- Non-clinical & clinical studies
- Cell viability, cell activation, cell proliferation, cytotoxicity & apoptosis
- Antibody assays
- Classical & complex cell phenotyping using FlowCyTech facilities



Credits Photo: P. Stroppa/CEA

Bertin Pharma is your partner in Innovative Drug Development by proposing you a comprehensive and integrated offer of products and services throughout the drug development value chain.

Do not hesitate to call us for any advice on your project.

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