

in vitro & *ex vivo* services for nutraceutical claim support

As a CRO specialized in cellular and molecular biology, we carry out many *in vitro* efficacy assays in order to help you prepare your applications for the authorizations of health claims by:

- Screening of bioactive compounds
- Studies related to mechanism of action & proof-of-concept
- Repositioning of active ingredients
- Evaluation of formulations before clinical trials

Our constant progress in research and development means that we are able to offer a wide range of standard and customized assays in the following areas:



Mental health

- >> Neurophysiology
- >> Neuroprotection

Ocular health

- >> Wound healing
- >> Vascularization
- >> Inflammation

Oral care

- >> Physiology
- >> Inflammation

Immune system & defence

- >> Inflammation
- >> Cellular stress
- >> Innate immunity

Bone & joint health

- >> Bone remodeling
- >> Synthesis of cartilage
- >> Inflammation

Hair

- >> Growth and loss of hair

Physical performance & fitness

- >> Metabolism
- >> Neuromuscular functions
- >> Muscle relaxant/stimulant effect

Weight management

- >> Fat reduction
- >> Lipid synthesis
- >> Adipogenesis

Beauty & skin

- >> Anti-ageing
- >> Pigmentation
- >> Hydration
- >> Antioxidant
- >> Sebum regulation
- >> Sun/UV protection
- >> Skin inflammation

Standard assays for compound testing

- More than 500 assays
- Highly validated assays, SOPs
- Online catalog
- Standard quotation < 48h
- Fast & cost effective service

We provide a wide range of validated biological and non-biological testing services all backed by a personalized, well-controlled process, which centers on our customers' requirements, deadlines and budget.

1. STUDY FEASIBILITY

- >> Research & testing framework
- >> NDA (*optional*)
- >> Assay selection, consulting
- >> Technical protocol (*optional*)
- >> Proposal including quotation & turnaround time

2. STUDY INITIATION

- >> Service agreement or purchase order
- >> Choice of study director
- >> Compound receipt
- >> Experiment scheduling

3. EXPERIMENTAL PHASE

- >> Detailed technical protocol preparation
- >> Compound handling & solubility
- >> Cytotoxicity assays
- >> Assay concentration validation
- >> Assays
- >> Raw data generation
- >> Raw data validation
- >> Result normalization
- >> Result validation

4. REPORTING

- >> Preliminary result delivery (*optional*)
- >> Draft report (*optional*)
- >> Interaction with the study director
- >> Full report generation
- >> Study archiving

Our quality staff is available and ready to create customized solutions for you and your team.

We bring a high value background along with a best-in-class service reputation to provide you with consulting and project specific services.

Other services:

- Cell and tissue engineering
- Biological sample analysis
- Biomarker discovery
- Assay development
- Technology transfer
- Collaborative research

CONTACT US!

QIMA
Life Sciences

Your Partner in Innovation

QIMA Life Sciences

Headquarters
1bis rue des plantes - CS 50011
86160 Gençay - FRANCE

Tel. +33 (0)5 49 36 11 37

E-Mail: ls@qima.com

International offices

France - Labège
USA - Buffalo, NY
Brazil - Botucatu, SP