



BioSite **Histo**

Laboratory Services with Excellence



Histology

We provide an extensive range of histology services from basic histology to advanced applications. For our CNS clients we offer quantitative analyses using stereological principles. We also have a fully equipped hard tissue laboratory for bone, plant, and hard bio-material sectioning.

Immunohistochemistry

Our facilities ensure the optimal protocol for many of the antigens routinely used in clinical pathology laboratories. With extensive experience in IHC, our experts can optimize existing protocols where necessary or develop new protocols to give clients results of the highest quality in as short a time-frame as possible. We also perform double or multi immunohistochemical staining techniques with chromogenic or fluorescence visualization.

Example of successful projects at our Contract Research Organization:

Histology lab

Routine tissue processing and sectioning.

Optimal staining protocol for CNS samples of rodents.

Hard tissue histology - Undecalcified and decalcified bone tissue. Sectioning of plastic block. Histochemical staining of plastic sections of bones including plant tissue sections.

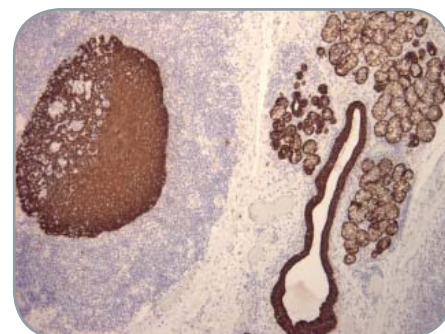
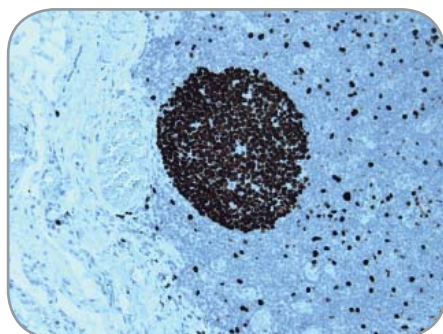
IHC and histochemical staining of paraffin embedded decalcified bone tissue sections.

Colocalization studies and double staining.

Double IHC-staining.

Morphometrical evaluations of stained sections.

Xenograft IHC studies.





In-Vitro Testing

OECD validated and scientifically validated in vitro tests (regulatory accepted tests and non-regulatory tests). We endeavour to assist our clients in developing test strategies to meet their specific needs.

In-Vitro Research

Modern in-vitro methods for efficacy and safety studies. We offer standardized, validated assays ensuring dependable and predictive data for a broad range of sectors, including the pharmaceutical, chemical, cosmetic and biotech industries, as well as for different research institutes and researchers. Based on our strength of expertise in cell biology and toxicology, we can develop tailor-made tests and assays as a customized R&D partner.

Example of successful projects at our Contract Research Organization:

In Vitro lab

Test of the growth of HAOEC on the surface of titanium plates with different coatings.

Local effects and sub-chronic toxicity study of annuloplasty ring by intramuscular implantation (management of biocompatibility testing).

Managing of implantation test for developer/manufacturers of bioabsorbable implants.

Cytotoxicity test of different materials and cytotoxicity test of polymer biomaterials (polyurethane and PLGA).

Comparison of different polymer composites on osteoconductive properties.

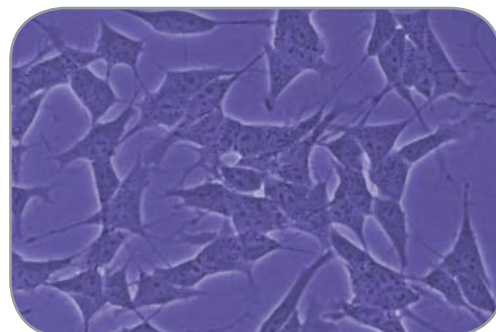
Skin corrosion in vitro (REACH testing). Testing of potential corrosivity of potassium bis(oxalate)borate KBOB by using EpiDerm skin model.

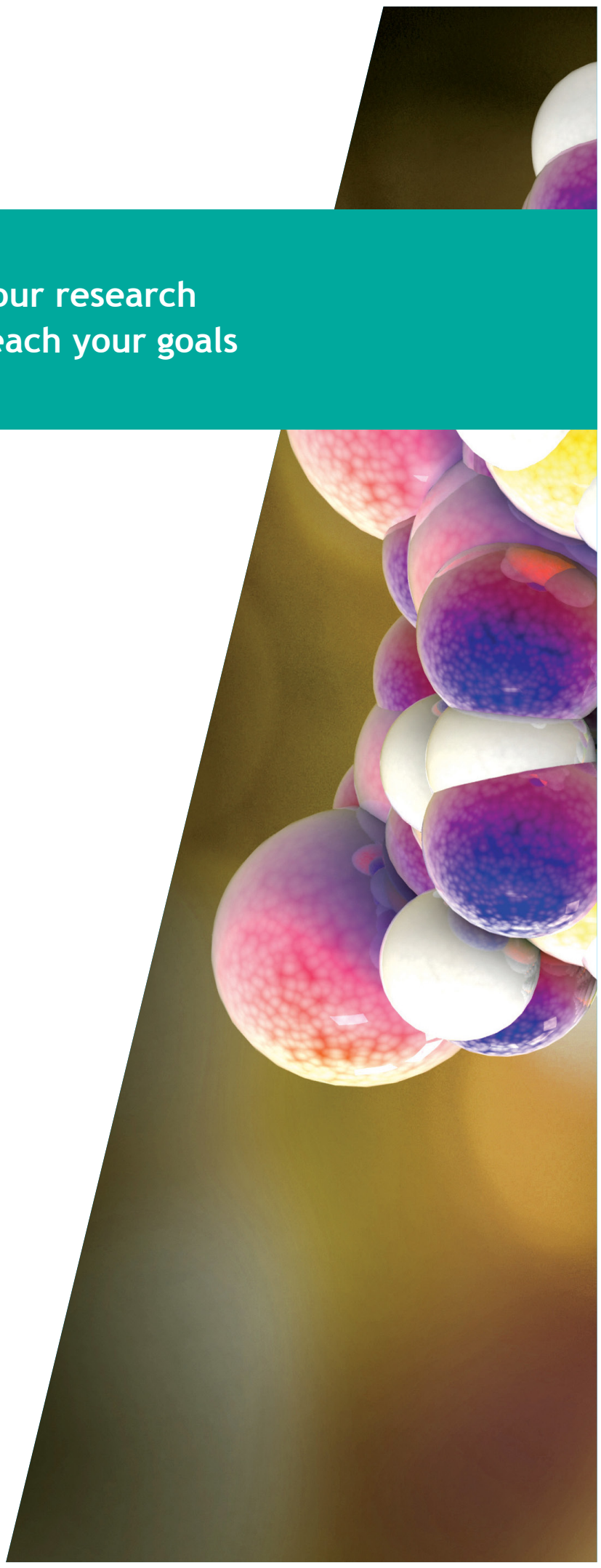
Cytotoxicity test of Pharmagloss/RP 3 1 Purus (EAN 6415788098530) on label paper.

Skin corrosion in vitro testing for manufacturer of disinfectants and cleaning products.

Cytotoxicity and skin irritation test for manufacturer of health products.

Anti-aging and anti-UV effect of cloudberry and arctic bramble leaf stem cell extracts to the normal human skin fibroblast and keratinocytes.



A decorative graphic on the right side of the page features a series of overlapping, translucent spheres in various colors including purple, blue, pink, and white. These spheres are arranged in a diagonal line, creating a sense of depth and movement. The background of the entire page is a gradient of light blue and white, with a dark blue diagonal band running from the top right towards the bottom left.

Tell us more about your research
— we can help you reach your goals

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