

PARA BioScience's state-of-the-art facilities are specialized in performing toxicological and immunological studies in rodents.

A major part of all toxicological studies is the assessment of adverse or toxic side effects by histopathology.

PARA BioScience offers comprehensive histological services - integrated into a study or as stand-alone tests in full GLP Compliance.

Our immunologic competence is now enhanced by a complete in-house histology lab!

We offer the whole range of histologic technics in our well known high quality.

PARA BioScience
... your Immunology CRO.



PARA BioScience GmbH

Fabrikstr. 3
D- 48599 Gronau / Germany

Call our scientific managers:

Dr. André Rademaekers (CEO)

PhD in microbiology
about immunogenetic
issues, specialist in
developing immuno-
logical and molecular
biological test systems.



Dr.-Ing. Frithjof Wollbold (CTO)

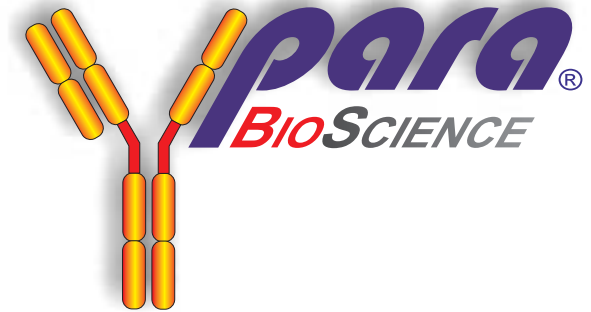
Physicist and engineer
with detailed experience
in precision measurement,
responsible for the GLP
quality assurance and
business development.



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www.parabio.de

Please also call for our immunological expertise to enhance your drug development!



Immunohistology
Immunohistology
Immunohistology

Histopathology
Histopathology
Histopathology

Enzymehistology
Enzymehistology
Enzymehistology

PARA BioScience
GmbH

PARA BioScience disposes of a well established histologic laboratory with long term experienced personel.

We perform your histological or associated study completely in house and within the time-lines you have scheduled.

Based on our special know-how in immunology we offer firstclass antigen detections in histologic sections.

Immunohistology

To complete your efforts in localising your target antigene take full advantage of our immunohistologic lab!

We're prepared to examine both paraffin embedded and cryomaterial.

Save detection is our aim

Therefore we only use approved secondary antibodies and high quality detections systems. You can choose between flourescence coupled up to high amplifying enzyme labeled (Envision) systems.

PARA BioScience will detect most of the standard antigenes. Of course, often this is based on the quality of the antibodies on the market.

Do you have your own antibody, your special tool yet?

Excellent! After a short classification we can show it's qualities for immunohistology.

What if there is no qualified antibody on the market?

PARA BioScience is ready to produce monoclonal antibodies of highest quality. If you need any... talk to us....

Histopathology

We provide all necessary histologic technics and surveys.

From embedding to dyeing, all is done in our well known high quality. And - of course - under the conditions of good laboratory practice (GLP). Our histological expert reports are signed by experienced Pathologists.

PARA BioScience will perform both the in-live part and the complete histopathology for Rodent Toxicity Studies

- OECD 402 Acute Dermal Toxicity
- OECD 407 Repeated Dose 28-day Oral Toxicity Study
- OECD 408 Repeated Dose 90-Day Oral Toxicity Study
- OECD 410 Repeated Dose Dermal Toxicity: 21/28-day Study
- OECD 420 Acute Oral Toxicity - Fixed Dose Method
- OECD 423 Acute Oral toxicity - Acute Toxic Class Method
- OECD 425 Acute Oral Toxicity: Up-and-Down Procedure

** Complementary studies in non-rodent species can be set up with partnering CROs , if required.*

In addition, we offer a wide range of histochemic and enzymehistologic reactions:

- most hydrogenases (SDH, LDH, GAPDH, s.o.)
- alkaline and acid phosphatases
- peroxidases (HRP)

and many more...

Enzymehistology

PARA BioScience is able to detect enzymes and to give hints to the activity and concentration of any target enzyme to evaluate enzymekinetics.