

# From lab to livestock.

Our Environment, Your Products,  
Our Analysis, Your Solution.



## **From Lab to Livestock**

Fera Science Limited and RAFT Solutions, with six decades of combined experience in livestock research trials to GLP & GCP standards have formed a unique research partnership to deliver a vision of improved health and performance in food animal production. This partnership combines cutting edge close to market veterinary expertise in animal health, with globally leading bioscience laboratory capability and environmental impact evaluation to help achieve sustainable food production.

Our specialist CRO team have a passion for animal health, a strong client focus and a track record for developing and delivering tailored innovative solutions. Our combined facilities offer extensive and flexible Good Laboratory Practice (GLP) accredited facilities suitable for all farm animal species, supported by an independently managed Quality Assurance Unit and trained Good Clinical Practice veterinary (GCPv) Study Monitors. We are proud of our reputation for outstanding service to our clients, providing robust results, timely reporting and value for money.

**Our environment  
your products,  
our analysis  
your solution.**

Using laboratory and field studies, commercial farm scale trials and environmental risk assessments our turnkey capability unlocks and maximises the potential of your new products and, extends the scope of your current veterinary medicine products. A truly bespoke service offering, either end to end across your entire program or on a targeted modular basis depending on your own internal expertise and resources that will develop, extend and deliver products truly fit for both major and minor species.



## Our Philosophy

Our philosophy is to tailor our project management input to complement you and your project needs. Whether that is working on whole projects or tailor made component parts, to deliver new registrations, renew existing product licences, add additional label claims or resolve technical issues from the marketplace, to execute your existing plan or to devise a new one for you. Fera and RAFT Solutions combine to offer global expertise wherever you would like to contract out a section of the development pipeline-literally anywhere from discovery to phase 4 and beyond.

The most successful studies depend on open communication, scientific expertise, optimal resource allocation, and a commitment to proactive program management. We will provide you with a consultancy and program management service comprising our senior scientists working alongside our industry key opinion leaders, who harness years of experience to play an active role delivering your project successfully.

Our experts understand what needs to be done, who needs to do it, and when it needs to happen. And they are experienced in having those critical conversations with you to help you reach your program objectives on time and on budget.



**Your  
submission  
our expertise**

You need to trust that you have a reliable and experienced partner to help bring your product to market. As a leading CRO for the development and registration of veterinary medicine products, you will have access to unrivalled expertise to assist with the regulatory requirements for your veterinary medicine submissions or extensions. We have helped our customers satisfy regulations worldwide including those for the EU, EPA, JMAFF and OECD, so that means we can be with you in whichever geography you are looking to register your product.



**PARTNERSHIP**

Fera Science Limited & RAFT Solutions.  
Six decades of combined experience



**END TO END EXPERTISE**

Critical expertise to help you reach your program objectives on time and on budget



**DEVELOP**

Extend and deliver products truly fit for both major and minor species



**ANIMAL HEALTH**

Cutting edge close to market veterinary expertise in animal health

**Total Project Management**



**VISION**

A vision of improved health and performance in food animal production



**QUALITY ASSURANCE UNIT**

Accredited facilities suitable for all farm animal species



**TURNKEY TRIALS**

Turnkey capability unlocks and maximises the potential of your new products health

**Total Project Management**

**GLOBAL CAPABILITY**

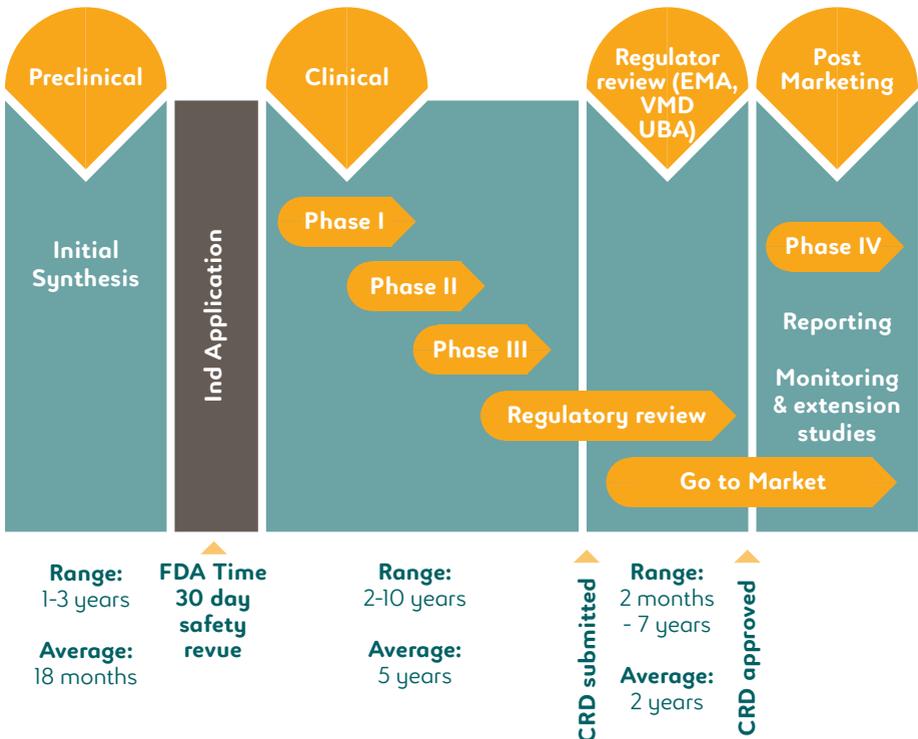
Globally leading bioscience laboratory capability and environmental impact evaluation



# Our Core Services

## From discovery to phase 4

Design and execution of clinical research programmes (efficacy and safety studies, from discovery and throughout development)





## Preclinical Phase 1

- Small scale in vivo and in vitro, dose response and target and unknown target chemical analysis
  - Radio analytical studies
  - Target chemical metabolite analysis
  - Absorption & excretions studies
- **Animal house facilities (including cat 4)**



## Clinical Research Phases 2 & 3

- Clinical small scale animal lab trials
- Clinical large scale clinical field trials
- Study site selection, management and monitoring (field or CRO based)

### MRL studies

- GLP compliant lab/Commercial farm scale evaluations / GCP field trials
  - Design & execution of clinical programmes in both commercial farm and clinical lab environments



## Regulatory Approval



- a. Residue, metabolism and depletion studies
- b. Environmental fate (adsorption and degradation in soils and manures)
- c. Aquatic and terrestrial ecotoxicity
- d. Environmental risk assessment and exposure modelling

Efficacy, residue and environmental impact studies

## Post Marketing Monitoring & Stewardship studies - Phase 4



- Close to market position via the RAFT network offers huge insight to guiding and delivering marketing and lifecycle extension studies



Project  
management  
expertise  
(Prince 2)

- Experienced project management team & trusted R&D experience
  - Clinical report writing
- Production of clinical expert statement to support regulatory submissions
- Coordination of the assembly and submission of regulatory dossiers to minimise delays and ensure on time product approval
  - Preparation of data and drafting technical responses to questions from regulatory agencies
- Design and delivery of technical transfer packages and publication strategies to support successful product commercialisation
- Writing of technical manuals, practitioner information and scientific papers to support successful product commercialisation strategies
  - Design and delivery of market support studies
- Management and coordination of existing development projects or of component parts of sponsors
  - In depth knowledge of the European regulatory process

## **From Lab to Livestock**

You know the importance of keeping animal health products safe. Finding a trusted partner to ensure your vision of improved animal health has never been more important. With more than 6 decades of experience, we're ready to partner with you to get it done right.

Together, creating solutions that keep animal products safe.



## From lab to livestock.

A partnership between Fera and RAFT with six decades of combined experience in livestock and veterinary medicine research to GLP standards.

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