A new entry point for drug development
Innovation in a complex world

- Drug development is crucial for life, society and business of all sizes
- It’s a complex process – both safety and time to market is of the essence
- It takes: industry knowledge, expertise in many areas, the ability to combine perspectives, capacity and infrastructure
- Few can fully handle every aspect
A wide range of complexity

An SME
- Understand and manage the process

A large company
- Specific expertise
- Bottlenecks
- Capacity

A service- or tech company
- Infrastructure
- Additional expertise

Financiers and investors
- Evaluating SME for investment
We are Sweden’s research institute
Joined forces for Sweden

• RISE was formed to accelerate Sweden’s innovation power and create better conditions for the problem-solvers of society.

• More than 30 research institutes and some 130 unique testbeds have been gathered in one organisation.

• The combination of forces gives us unique expertise that’s broad and comprehensive.

• RISE has a special mission to support small- and medium-sized enterprises.
Broad expertise

How AI is used to accelerate research and innovation

- Chemical and biological analysis
- In silico predictions of toxicity
- Toxicological evaluation of chemicals and pharmaceuticals
- Smart Cold Chain Indicator Label
- 3R Refinement
- Bio sensors and chemical sensors

How drug for hereditary eye diseases
- Pharmaceutical Development
- Applied signal processing and data analysis for sensor applications

Guide to drug development – from target to patient
- From sick care to health care – the future of drug development
- "The systems we produce lead to better drug development"
One entry point for drug development
Easy access to a wide range of support

- The purpose of the Pharma Office is to gather all RISE expertise in drug development.
- And to be a partner to our customers from idea to safe product.
We support your project, from idea to safe product

- Drug and business development
- Selection and optimisation
- Safety studies
- Production for clinical use
- Clinical trials, market authorization and product launch
Drug and business development

• A strategic partnership
• Defining key activities
• Project evaluation
• Expert guidance for selecting appropriate tests and studies
Selection and optimisation

- Lead generation
- Pharmacology
- Translational science

We complement to your own resources, competence and activities through consultation, expertise, labs (extended lab) and speaking partner throughout the process.
Safety studies

- Preclinical Toxicology Studies (incl. GLP)
- Bioanalytical chemistry sample assays for drug concentration
- Toxicokinetics and pharmacokinetics
- Immunology Endpoint Assessments
- Pathology services
- Dose formulation analysis
Production for clinical use

- Formulation
- Process chemistry
- Analysis
- CMC
- Scale-Up
- GMP
Clinical studies, market authorization and product launch

- Manufacturing for clinical studies
- Bioanalysis in clinical regulatory studies
- Support on regulatory documentation
- Put you in contact with relevant expertise.
Working with RISE

A flexible partner

• Traditional contract research (fee-for-service)
• FTE contracts
• Joint research projects
• Explorative testing

You get

• Cross-sectorial expertise
• Problem-solving
• Fast response
• Dedicated project teams
• Industry knowledge
• You own the IP
Examples of how we work
PK study in the rat

What is needed

• Consultation, assignment and agreement
• Test compound
• Formulation
• Lab animal facility
• Equipment and methods for bioanalysis
• Expertise

How we can help

Structure optimization
Formulation optimization
Various animal studies
Met-ID
EXAMPLE: FACILITIES AND EQUIPMENT

Testing polymer material viscosity

We can offer:

• Equipment for rheology measurements
• Test bed on polymer materials
• Expertise ready to be a speaking partner
Pharma Office – summary

- All relevant RISE competence in drug development via a single contact point
- An expert panel and checklist to provide rapid project evaluation and due diligence
- Fit for purpose experimental and interpretational support in key areas where you lack in-house competence
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