Are you looking for an interesting topic for your thesis? We at Ceva Tiergesundheit (Riems) GmbH will be pleased to supervise you in the context of you.

For a period of at least six months, starting as soon as possible, we are offering a:

**Bachelor or Master Thesis »Establishment and validation of a reporter cell assay for quantification of bioactive molecules«**

Ceva Tiergesundheit Riems GmbH is developing and manufacturing pharmaceuticals and biologicals for animal health. The innovation department thrives at delivery of new solutions and product candidates meeting unmet needs and breakthroughs for improvement of animal health and wellbeing.

In our ambition of continuous improvement, sustainable use of resources and consequent accomplishment of 3R principle the research project targets the replacement of an *in vivo* assay for quantification and batch release of a bioactive molecules by a reporter cell assay.

**What we expect**

- Student in biology, biotechnology or other life sciences
- Interest in experimental lab work, high motivation, good communication skills, ability to work well-structured, precise and independently
- Interest in biological assays, molecular biology and hands on experience in cell culture of mammalian cells
- Ideally, first experiences in assay validation

**What you can expect**

- Insight into application-oriented research
- Insight into pharmaceutical industry and assay development and quality control
- Mentoring and support
- Friendly working environment in young team in state of the art laboratory within the “Vorpommersche Boddenlandschaft” national park

**Your Tasks**

- Literature research
- Generation of plasmids and transfection of eukaryotic cells, screening and generation of a cell bank
- Characterization and validation of assays
- Establishment of protocols and procedure
- Molecular techniques

Ceva Santé Animale is one of the leading and fastest growing global animal health companies with over 6,000 employees in 45 countries, focused on the research, development, production and marketing of pharmaceutical products and vaccines for pets and livestock.

You are welcome to contact us if you have further questions and when you are interested to work on this. Please contact Dr. Fabian Deutskens (Fabian.deutskens@ceva.com).