



At **BIOMIN** we harness the power of science to support animal health and performance. By applying state-of-the-art and proprietary technology we deliver natural, sustainable and profitable solutions to the livestock industry. For over 35 years we have pioneered innovative solutions for mycotoxin risk management and gut performance. **BIOMIN is part of ERBER Group.**

For ambitious talents in the natural sciences we have exciting tasks and a lot to learn in our research projects. That's why we are looking for a **master student (m/f)** to work on the following task:

MASTER THESIS:

"DEVELOPMENT OF REAL-TIME QPCR TOOLS TO DETECT, QUANTIFY THE EXPRESSION OF RNAs IN DIFFERENT BIOLOGICAL MATRICES" (M/F)

These are the tasks we trust in you:

- Literature research on methodology about RNAs and qPCR in tissue, urine, saliva, serum and faeces --> gathering information on equipment, reagents, protocols to use for proper detection of RNAs in these matrices following exposure to feed additives and contaminants
- Design of specific primers in pigs and chickens for amplification and quantification of target RNAs by real-time RT-qPCR, and validation
- From animal experiments (already conducted), perform on various samples RNA extraction, cDNA conversion, and qPCR analyses to find the most suitable approach (spike-in and standard approach)
- Data analysis, statistical analysis, and interpretation of the RNA results based on scientific knowledge
- Collaboration on the development of this methodology is considered, implying interaction and report to the partner(s)

Are you ready? That's what it takes to leave real 'foodprints' at BIOMIN

- Master student of molecular biology, veterinary medicine or similar studies
- Knowledge in RNA, gene expression, real-time qPCR techniques is recommended
- Technical skills, especially related to molecular

biology work would be a plus (RNA and qPCR)

- Independent and hands-on working
- Excellent skills in English (written and spoken)
(Superior in French)

You work with us in **world class laboratories** with **state-of-the-art equipment**. As part of a young and ambitious scientific team, you will be part of the **world leader in the topic of mycotoxins**. BIOMIN is constantly **growing** - since more than 35 years. This creates a lot of **space for good ideas** and plenty of opportunities to develop personally and professionally.

We also take care of your physical well-being: **coffee and tea** are of course free of charge. In our canteen we offer **three daily altering set meals** - the price is employer-supported. Not to forget our **b.active sports & health program**. Here are some more good reasons to work for us.

What else to know?

- Reference Number: 348
- You will be based at **Tulln (Austria)** - excellent public transport connections to Vienna and Krems (only approximately 10 minutes on foot to train station)
- Your type of employment: **38,5 hours/week**, full-time, temporary contract
- Duration: **6 - 8 months** (starting February 2019)

BIOMIN - Research Technician - M

Are you ready to leave real 'footprints' with us? We are looking forward to your online application.

You have questions? Please contact: Ms **Karin STUMMER**, +43 2782 803 0

Or visit our website: **www.biomin.net**

Leave your foodprint with us



