

You want to work
in a **university**
environment?

But you also want to
know how to work
with **industry**?



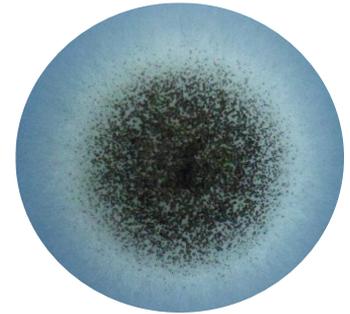
Don't worry!
acib is the
perfect choice
for both!



2x PhD positions Fungal Biotechnology in Vienna / Austria for 30 hours a week

That's the project

Filamentous fungi like *Aspergillus niger* are industrially important microbial producers of proteins and organic acids. Recently, important insights were gained how citric acid can be efficiently secreted by the fungal cells (Steiger et al., 2019, *Metabolic Engineering*, 52, 224-231). In a new project novel strain breeding and screening techniques shall be developed. Techniques from microbiology and genetics together with genomic approaches are used to obtain further insights into the biology of *A. niger*. Your task is to find, apply and test new strategies to further boost *Aspergillus niger*'s capabilities as an organic acid producer.



That could be your future me

You are working in an enjoyable work climate, embedded into a scientific working group at TU Wien and have numerous possibilities for further education and personal development. You are part of a helpful work environment full of team spirit and enthusiasm for your job. You expand your expertise and bridge your science to industry.

And not to forget: You make your research visible and broaden your network!

That's important to us

In the best way you have completed a Master's degree or Diploma for a recognized University in Chemistry/Biochemistry/Biotechnology or related fields. Research experiences in the following areas would be advantageous:

- 🌱 Experience with filamentous fungi or yeast
- 🌱 Molecular biology
- 🌱 Biotechnology
- 🌱 Instrumental analytics (HPLC, GC, NMR, MS etc.)
- 🌱 Biochemistry

You should enjoy the work in an international interdisciplinary environment. Proficient English language skills are essential.

That's what you should know

It is intended to offer a minimum yearly gross payment of EUR 30,200.

Application deadline: **29th of February 2020**

Please find further information about acib on our website: www.acib.at

And now the stage is yours! Give us an idea about yourself.

Get in touch online here: application.acib.at | Ref.no: **06_2020**

Of course, we welcome applicants of all sexes (m/w/x), backgrounds and ages

INNOVATIONS FROM NATURE

 www.acib.at

acib (The Austrian Centre of Industrial Biotechnology) is one of the leading research centres in the field of industrial biotechnology. acib is dedicated to joint research at the industrial-academic interface. Seven Austrian Universities and more than 50 leading industry partners are working together within the acib research programme.