

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!



## PostDoc position

### Synthetic biology for efficient gas feedstock conversion in Graz / Austria for 40 hours a week

#### That's the project

As part of the acib Lighthouse project "Synthetic biology for efficient gas feedstock conversion" the project will explore the potential of an autotrophic bacterium (*Cupriavidus necator*) for the production of biochemicals. The feasibility of autotrophic production host will be demonstrated, so that the breadth of the general approach can be estimated. The approach is to integrate synthetic biology and process intensification to demonstrate the successful production of commodities from CO<sub>2</sub> and thus to bring acib into a leading position in the microbial utilization of carbon dioxide.

For this project we are looking for a postdoctoral fellow for 2 years within a funded project within the Austrian Centre of Industrial Biotechnology starting at the beginning of 2020.

#### That could be your future me

You are working in an enjoyable work climate, have numerous possibilities for further education and personal development. You are part of a challenging and 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

The ideal candidate must have a completed PhD in the field of Synthetic Biology, Molecular Biology, Biotechnology or related fields. Moreover, the ideal candidate has

- ✔ Strong background knowledge and hands-on experience of molecular biology methods (e.g. CRISPR/Cas9), microbial techniques and protein biochemistry
- ✔ Sufficient background in enzymology and/or biocatalysis (protein expression and purification, fermentation techniques)
- ✔ Sufficient expertise in chemical analysis (especially GC-FID/MS, HPLC and NMR) and/or metabolite analyses
- ✔ Self-motivated, pro-active, team- and goal-oriented personality
- ✔ Full command of the English language

We expect you to be enthusiastic to reach ambitious goals, to learn new techniques and to present your results in oral and written form. You should enjoy the work in an international interdisciplinary environment.

#### That's what you should know

It is intended to offer a **minimum yearly gross payment** of EUR 53 250.00

**Working location** is at Graz University of Technology in the group of Dr. Sandy Schmidt

Please find further information about the on our website: [www.acib.at](http://www.acib.at)

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

Get in touch online here: [application.acib.at](http://application.acib.at) | Ref.no: **04\_2020**

Application deadline: **29<sup>th</sup> of February 2020**

Don't worry about a few missing demands – maybe we can do this together!

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

INNOVATIONS FROM NATURE

[www.acib.at](http://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.