

## **Job offer: Senior Metabolic Engineer/Strain Developer**

**Company:** CarboCode

**Location:** CarboCode TTC, Portugal Site

### **About Us:**

CarboCode is a dynamic startup company developing innovative molecules for the Food and Pharma markets. With research facilities in Germany and development and pilot facilities in Portugal, we aim to push the boundaries of biotechnological advancements.

### **Job Description:**

We are seeking a skilled and experienced Senior Metabolic Engineer to join our newly established Metabolic Engineering group at our Portuguese site. In this key role, you will act as a vital link between the established strains from our German site and contribute your unique development expertise. Your responsibilities will include articulating the group's projects, collaborating with academic institutions, and driving the reconstruction of existing metabolic pathways while pioneering new ones. Our goal is to expand our process portfolio and enhance production efficiency. Your contributions should lead to reliable, scalable production strains, along with patents and/or scientific publications.

### **Key Duties and Responsibilities:**

- Implement known expression systems into appropriate chassis.
- Contribute to the development of new expression systems for proprietary molecules.
- Test and refine newly developed strains.
- Articulate the metabolic engineering team's projects.
- Coordinate with academic collaborators to facilitate research and development efforts.

### **Minimal Qualifications:**

- PhD in a relevant field.
- Over 5 years of experience in metabolic engineering.
- Strong research-oriented background.
- Proficiency in heterologous gene expression.
- Expertise in metabolic pathway reconstruction.

### **Desirable Experience:**

- Industrial experience is a plus.
- Knowledge of oligosaccharide metabolism.
- Understanding of sphingoid bases/ceramides metabolism.
- Experience with genome sequencing.

**What do we offer:**

- Competitive salary and benefits package.
- Opportunity to work in a dynamic, innovative environment focused on the Food and Pharma sectors.
- Collaborative team atmosphere with opportunities for professional development and advancement.
- Commitment to fostering a culture of creativity and innovation.

**How to Apply:**

Please, send your application to [jobs@carbocode.com](mailto:jobs@carbocode.com), including CV, salary expectations and your earliest possible availability to join our team.

Please include " Senior Metabolic Engineer Application" in the subject line of your application email.