



<https://www.amaiproteins.com/>

We're hiring!

A Computational Structural Protein Designer

Amai, an innovative protein design biotech startup, seeks a computational protein-design (CPD) biophysicist to join our expanding computational protein design team. Amai computationally designs novel proteins for food and beverage applications. The proteins are produced via precision fermentation and embedded into tasty applications by Amai's flavor house food technology department. The first product is a healthy, tasty, and affordable sugar substitute. Other (non-sweet) designer alternative proteins are in development. The qualified candidate would be an experienced scientist and leader with excellent people skills and work ethic.

Responsibilities:

- Analyze structural computational and experimental protein data
- Simulate experimental and theoretical protein structures and related structural and sequence data
- Use modeling tools to promote Amai's computational protein design projects
- Study structure-function-dynamics relationships
- Communicate with fellow scientists and integrate experimental data into the design

Requirements:

- Ph.D. in protein structural computational biophysics / computational protein design / structural bioinformatics. Excellent M.Sc. holders will also be considered.
- Experience with computational analysis of protein structures and sequences.
- Know-how in protein simulations, electrostatics, structure-function-dynamics relationships.
- Know-how in mechanisms of protein folding and stabilization.
- Proven independent scientific researcher.
- Ability to work as part of a team and closely collaborate with others.
- Ability to present work before colleagues and professionals.
- Comfortable with reading and efficiently adapting new methodologies and ideas from the academic literature and other relevant publications.

To apply, please send CV to hr@amaiproteins.com