



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

We're hiring: A Computational Structural Biophysicist

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:

- Perform protein molecular dynamics simulations and other structure-function-dynamics relationships.
- Analyze structural computational and experimental protein data.
- Simulate experimental and theoretical protein structures and related structural and sequence data.
- Perform a literature review focusing on structure-dynamics-function relationships.
- Communicate with fellow scientists and integrate experimental data into the design.

Requirements:

- Ph.D. in protein structural computational biophysics.
- Experience with computational analysis of protein structures and sequences.
- Know-how in molecular dynamics, electrostatics, structure-function-dynamics relationships.
- Know-how in mechanisms of protein folding and stabilization.
- Proven independent scientific researcher as well as working within a multidisciplinary team.

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