



## EXECUTIVE SUMMARY

AI Proteins is a biotechnology platform company that combines artificial intelligence and robotics to rationally design miniproteins rapidly

- Novel miniprotein platform
- \$18.2M seed series co-led by Cobro Ventures and Lightchain Capital
- State of the art laboratory located in Andover, MA
- Expert protein engineering team from the Institute for Protein Innovation, Harvard Medical School and Boston Children's Hospital
- Strong management with decades of discovery and drug development expertise in big pharma
- Emphasis on partnering to develop novel miniprotein therapeutics for a broad range of targets / indications
- A pipeline of novel targets in inflammation, infectious disease, and oncology

Please send your resume and brief note to:  
careers@airoteins.bio

<https://airoteins.bio/join-us>

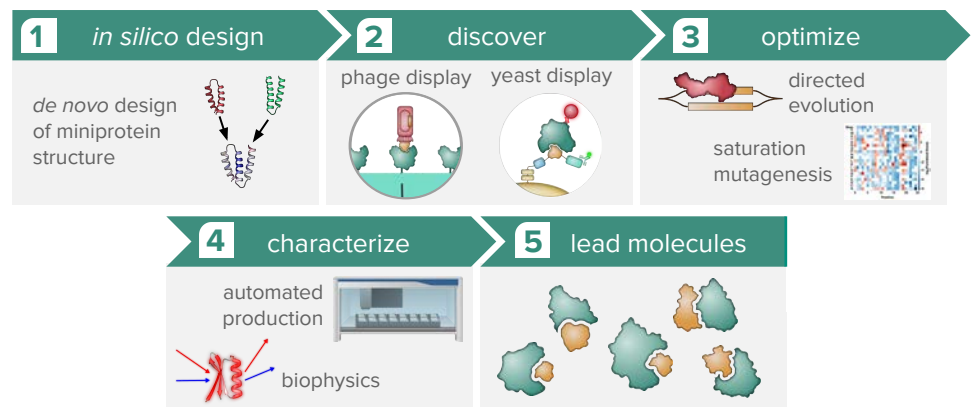


Harnessing the power of synthetically designed proteins to cure diseases

## Research Associate, Senior Research Associate Multiple Positions Available

### 1. What are miniproteins?

Miniproteins are polypeptide chains ~30-90 amino acids in length that adopt a hyper-stable three-dimensional structure. Miniproteins are a novel modality that combine key drug-like properties of small molecules and antibodies. They can be orally administered and have broad tissue distribution like small molecules, and at the same time bind targets with high affinity and specificity like antibodies. AI Proteins has developed a high-throughput platform to design functional miniproteins *de novo*.



### 2. Job Description

- You will be part of a team that develops synthetic miniproteins that will serve as lead therapeutics
- There are positions available at the research associate and senior research associate levels, depending on skills and prior experience
- Daily responsibilities will include a subset of: yeast/phage display screening, protein expression and purification, molecular biology, cell culture, protein biophysics and biochemistry
- The position is an ideal opportunity for collaborative and autonomous individuals
- Unique merit and skill based promotion pathway and strong support for professional development and individual growth

### 3. Perks

- We offer competitive salaries, and a great 401k plan with matching on the first 5% of your salary. With our stock options, you can own part of the company and get rewarded when the team succeeds
- We have unlimited vacation so you can take the time off you need to rejuvenate and come up with the next amazing science idea
- We provide an unlimited amount of very fancy coffee. Stay active but do not die
- Keep your glucose level steady with our snack bar, and choose from our unparalleled collection of salsas and hot sauces 🔥
- We are located at Innovation Park, which includes parking, on-site gym, a cafeteria that overlooks a scenic pond, an enormously long tunnel for cart races, wild turkeys, and the occasional deer

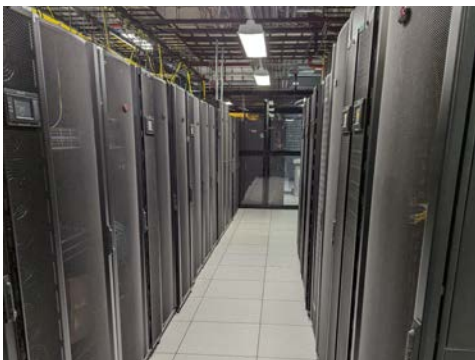
Endoskeleton not required to work in the lab



Swimming in the pond isn't technically against the rules



Our supercomputer "Dingus" in its natural habitat



Supervising one of our robots



### 4. Qualifications

- BS or MS degree in Biochemistry, Biology, Biotechnology or related disciplines
- At least one year of relevant lab experience within an academic laboratory or at a biotech company is highly desired. Candidates with a shorter internship are also welcome to apply.
- Skilled in one or more of the following: molecular biology, bacterial and/or mammalian cell culture, protein production
- Experience with phage or yeast display is highly desired
- Ability to design, execute and analyze complex experiments independently
- Strong organizational, communication and interpersonal skills

### KEY PEOPLE

Drew Dennison (CEO)  
Chris Bahl, PhD (CSO)  
Mahmoud Mahmoudian, PhD (CBO)  
Julia Novina, Esq (CLO)  
Andrea Armstrong (CPO)

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