

## **Post-doctoral Position Available** *(pre-announcement)*

**University of Minnesota**  
**Mechanical Engineering Department**  
<https://biogellabs.umn.edu>

A post-doctoral position is soon to be available in **The Biostabilization Laboratory** at the Department of Mechanical Engineering in University of Minnesota. The position focuses on advanced development and validation of a DMSO-free cryopreservation method for manufactured therapeutic cells, specifically natural killer cells used in cancer immunotherapy. This is an NIH-funded project conducted in collaboration with the University of Minnesota Medical School and the Department of Laboratory Medicine and Pathology, therefore providing an excellent interdisciplinary environment for research.

The candidate **must have** a Ph.D. in Mechanical, Biomedical or Chemical Engineering or Biochemistry/Biophysics, Biotechnology. The candidate **must have** excellent experimentation skills related to bioengineering or biotechnology: No candidate without experimental experience in their Ph.D. (or previous post-doc) research will be considered for this position.

Furthermore, candidates **must have**:

- experience with wet lab chemistry and standard wet lab analytical techniques/procedures
- experience with mammalian cell culture
- experience with transmitted light and fluorescence microscopy

Preferred qualifications include:

- experience with IR spectroscopy
- experience in cryopreservation science and/or technology development
- experience with immune cell culture and experimentation

Interested candidates should contact Prof. Alptekin Aksan by e-mail ([aaksan@umn.edu](mailto:aaksan@umn.edu)). In your message, please include a detailed resume, electronic reprints of up to three recent publications, and the names, and contact information for at least three references.