



# BiInnovation Student Fellowship & Mentorship

**Teva's Bio-Innovation Fellowship & Mentorship Program** is a unique scholarship program that includes a scholarship, mentoring and guidance of professionals from industry. The purpose of the program is to support and promote research on biological therapies between academia and industry.

The \$10,000 scholarships for the academic year will be awarded on the basis of excellence in studies and scientific research and are intended for doctoral students and post-doctoral students whose research deals with the following areas:

Areas of scientific focus for 2020-21

- Brain disorders:
  - Novel targets in CNS and PNS; novel pathways and mechanisms in brain disorders, e.g. neurodegeneration and pain
  - Mechanisms for delivering proteins and specifically antibodies to the brain and advanced monitoring/imaging of BBB crossing
  - Neuroimmunology
- New targets and mechanisms for Immuno-modulation relevant for cancer, autoimmune, inflammation, and respiratory diseases
- Protein engineering and modeling
- Drug delivery systems for protein-based drugs, e.g. nano-carriers or exosomes
- Advanced therapies such as cell and gene therapy for CNS, PNS, inflammation and respiratory. Novel methods to characterize and predict biological-based drug adverse reactions such as immunogenicity.
- AI and big-data tools and approaches for proteins structure-function prediction, antibody affinity, immunogenicity, etc.
- Digital biomarkers, sensors and wearables for monitoring brain disorders

Details at:

[Full "Request for Application" \(RFA\) pdf follows this page](#)

Please fill out the application form with the accompanying files, according to the detailed instructions, and [upload to this link](#). If you create a video, upload using WeTransfer and send to Alana Hassan [alanarhassan@tauex.tau.ac.il](mailto:alanarhassan@tauex.tau.ac.il). For questions, write to Alana Hassan.

Deadline for submission: **Nov. 26, 2020**

*Coordinated by:*

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