Post-doctoral positions available

Where :

Laboratory of Prof. Daniella Goldfarb, Department of Chemical and Biological Physics, Weizmann Institute of Science (http://www.weizmann.ac.il/chemphys/EPR_group/welcome-goldfarb-lab)

Projects :

(1) In-cell studies of protein structure and stability by EPR (electron paramagnetic resonance) techniques.

(2) New spin labeling schemes for in-cell EPR applications, including electron-electron as well as electron-nuclear distance measurements

(3) Rapid- freeze quench for tracking protein conformation changes during function.

Requirement:

Good background in one of the following fields: magnetic resonance (NMR or EPR)/biophysics/structural biology.

Resources:

We are employing a multitude of pulse EPR techniques using state of the art instrumentation (X- Q- and W-band frequencies) covering both hyperfine and pulse dipolar techniques. In addition, we have faculty and institute wide core facilities needed for protein expression and purification. For those interested, our lab also offers research opportunities in EPR method and instrumental development along with the applications of advanced techniques.

Additional Information :

The positions are initially for one year but can be extended to 3 years depending on performance. Information about the Weizmann Institute and its post-doctoral program can be found at http://www.weizmann.ac.il/ and https://www.weizmann.ac.il/feinberg/admissions/about-program respectively. Note that there is a possibility to apply for a pre-application visit to the Weizmann Institute that allows for better exposure to our lab, the Weizmann Institute and Israel. (https://www.weizmann.ac.il/feinberg/admissions/pre-application-visit).

Please contact :

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