

# POSTDOCTORAL POSITION

## at Brown University, USA

The Deaconescu Lab at Brown University has one opening for a postdoctoral researcher. The laboratory's interests lie primarily in stress responses, with particular emphasis on responses to DNA damage and the mechanochemistry of DNA-based motors. We utilize a combination of biochemical, biophysical and structural techniques. (e.g. X-ray crystallography, small-angle X-ray scattering, transmission electron microscopy). Examples of work are: Brugger et al, *Nature Communications* (in press), Dorich et al, *Genes & Development* (2019), Vemu et al. *Science* (2018), Le TT et al. *Cell* (2018), Deaconescu et al. *Photochemistry and Photobiology* (2017), Kutter et al. *JMB* (2016), Szyk et al, *Cell* (2014), Deaconescu et al., *PNAS* (2012), Szyk et al., *NSMB* (2012) and Deaconescu et al., *TIBS* (2013) and Deaconescu et al., *Cell* (2006).

A successful candidate should have an established track-record of publications in peer-reviewed journals; solid experience with protein biochemistry (including their purification from E.coli/yeast, functional characterization and assay development). **Prior knowledge of crystallography and/or single-particle electron microscopy is highly desirable.** Must be highly motivated

and work independently as well as in a team. Excellent spoken and written English are required. New Ph.D. graduates are encouraged to apply.

**Interested candidates should send a CV, a one page research experience summary and contact information for three references**

**to** alexandra\_deaconescu[at]brown.edu. Please use “postdoctoral candidate” as a subject.

Salary and starting date are negotiable. Please write Postdoctoral Candidate in the e-mail subject header. Brown University, an Ivy League school, is located in Providence, Rhode Island less than one hour away by train from Boston. Rhode Island provides plenty of opportunities for outdoor recreation with beautiful beaches and sailing.

**Lab webpage:** <https://deaconesculab.com>