

# RESEARCH OPPORTUNITIES AT THE SPRINGER-LU LAB

The Springer-Lu Lab is seeking highly motivated, self-sufficient postdoctoral fellows to drive innovative research projects forward in the lab.

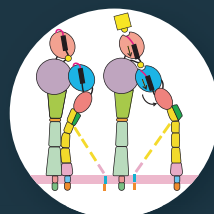
Candidates must be:

- Scientifically curious
- Intellectually committed
- Capable of working independently

Strong communication and writing skills are essential, and postdoctoral fellows are expected to apply for fellowship grants.

**TO APPLY:** Please submit a cover letter in the body of an email and CV and references as attachments to [springer\\_jobs@crystal.harvard.edu](mailto:springer_jobs@crystal.harvard.edu) with "TS-2018.03.08" in the subject line. Only applications sent to this email address will be reviewed.

**SALARY:** Competitive salary dependent on experience and developing a strong postdoctoral fellowship prior to starting in the lab.



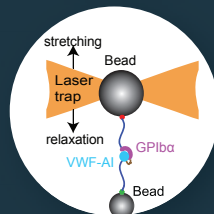
Structural and cell biology of integrins and integrin activation



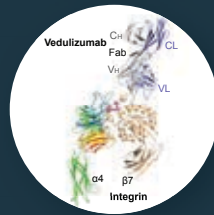
Activation of TGF- $\beta$ , BMP, & GDF8 family members, *in vitro* and *in vivo*



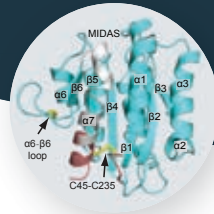
Role of TGF- $\beta$  & integrins in neurobiology & immuno-oncology using knockout mice



Mechanobiology, structure, and function of von Willebrand Factor



Receptor-ligand de-orphaning and lead therapeutic development for autoimmunity, inflammation, oncology, and fibrosis



Structural biology of malaria vaccine targets

Timothy A. Springer, Ph.D.  
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Center for Life Sciences  
3 Blackfan Circle  
Boston, MA 02115

 **Boston Children's Hospital**  
Program in Cellular and Molecular Medicine

 **HARVARD**  
MEDICAL SCHOOL  
Dept. of Biological Chemistry & Molecular Pharmacology

More details at:  
<http://timothyspringer.org/research>  
Flyer file available for download at:  
<http://timothyspringer.org/research-opportunities>