

**At a Glance:**

The MacKeigan Lab within Van Andel Research Institute's Center for Cancer and Cell Biology has a position available for one Postdoctoral Fellow. This postdoctoral position is available for a motivated PhD graduate who meets the description outlined below. The fellow will investigate autophagy in the context of KRAS-driven lung cancer using live cell microscopy and flow cytometry.

**Description of an Ideal Candidate:**

- A Ph.D. graduate with experience and publications in molecular biology and/or cell signaling
- A team player who shares knowledge with lab members
- A collaborator who is confident interacting with researchers from other disciplines
- An effective communicator who will contribute to a fun and positive work environment
- **Creative, motivated, collaborative, and optimistic, with a strong desire to impact human health**

**Job Functions:**

The scope of this fellowship project includes mammalian cell culture, dissection of relevant signaling pathways, live-cell/confocal microscopy and quantitation, RNAi, gene-editing, and flow cytometry. The candidate will work with Dr. MacKeigan and collaborators at Los Alamos National Laboratory to develop a model of autophagy-mediated survival in chemoresistant lung cancer.

For more information about the MacKeigan Lab, please visit:

<http://www.vai.org/vari/research-groups/lab-of-systems-biology.aspx>

<http://www.facebook.com/MacKeigan.Laboratory>

**Position Status and Salary:** Full-time, non-exempt position. Salary determined based on Doctorate receipt date according to a set stipend schedule, which begins at \$45,500 up to a maximum of \$52,000. Benefits include:

- Medical, dental and vision coverage
- Employer-sponsored life and AD&D insurance
- 401K retirement savings plans with employee/employer contributions
- Paid vacation, holidays, personal days

**To Apply**

Prepare a cover letter that illustrates your research experience and interests, and what you bring to this role. We want to know:

- Why should we hire you? What unique experience do you bring that aligns with the above job?
- Why are you passionate about research?

Please submit this letter to [jeff.mackeigan@vai.org](mailto:jeff.mackeigan@vai.org) along with a curriculum vitae, and the names and address of three references. **Cover letters must cover the above areas to be considered!**