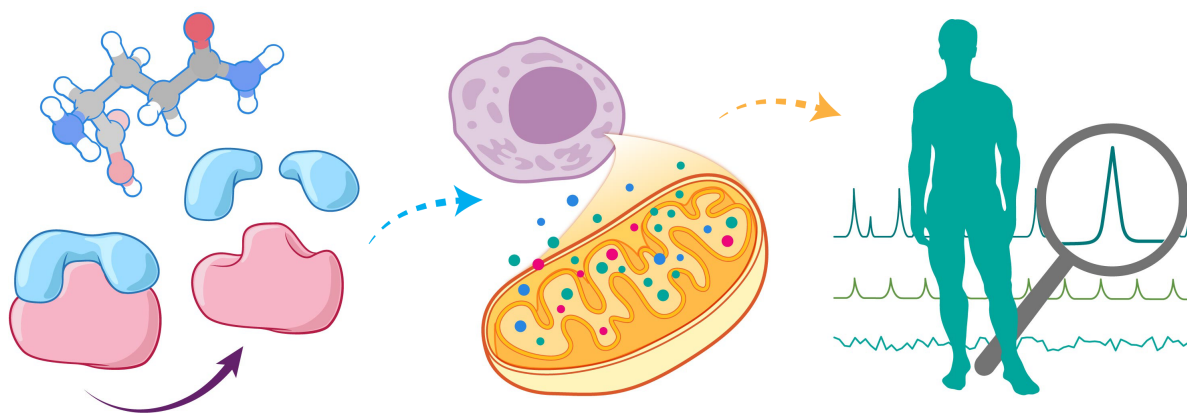




Memorial Sloan Kettering  
Cancer Center

## Chemical Biology post-doctoral fellowship



Memorial Sloan Kettering Cancer Center is the world's oldest and largest private cancer center. Housed in MSK is a wide range of basic and translational research labs geared toward paradigm shifting interdisciplinary science. We are seeking highly motivated postdoctoral fellows who are interested in biochemistry, chemical biology and cancer metabolism in an interdisciplinary cancer research setting while living in the heart of Manhattan.

Our lab's primary research is aimed at better understanding cancer metabolism *in vivo* using a wide range of approaches. Using these strategies our goal is to not only better understand cancer but also develop strategies to treat it.

In this fellowship, you will work on a project to dive deeper into our methods to non-invasively interrogate oxidative stress, developing new metabolic probes. This is built on many years of the lab's work in metabolism and imaging (e.g. *JACS* 2009, *PNAS* 2011, *Cancer Res* 2017, 2018, *ACS Chem Bio* 2019, *Cell Metab* 2017, 2019, 2020). Leveraging novel approaches in magnetic resonance imaging, we can turn these metabolic probes into imaging agents and the goal of this work is to address this challenging question in the setting of disease, **how much oxidative stress are cancer cells truly under? Can we push them over the edge?**

Candidates with Ph.D. training in biochemistry, chemistry, chemical biology or equivalent disciplines are strongly encouraged to send an application. For more information visit us on twitter ([@KeshariLab](https://twitter.com/KeshariLab)), our lab website (<http://www.ski.edu/keshari>), or email Prof. Kayvan Keshari ([rahimikk@mskcc.org](mailto:rahimikk@mskcc.org)).

For interested applicants, please send as one file:

- Cover letter indicating current and future research interests as well as your motivation for joining our team
- *Curriculum vitae*
- Brief summary of previous research experience
- Names and contact information for at least 2 references

1275 York Avenue, Box 370, New York, NY 10065  
[www.mskcc.org](http://www.mskcc.org)

NCI-designated Comprehensive Cancer Center