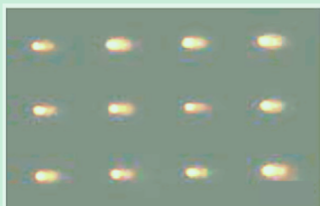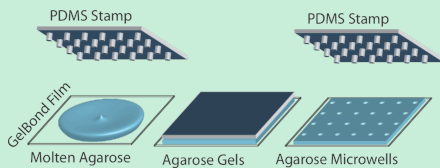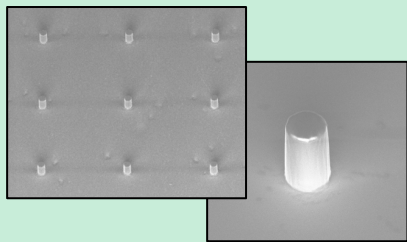**Exciting Postdoc Opportunity is now available as part of the MIT Superfund Research Program and the MIT Center for Environmental Health Sciences in the MIT Department of Biological Engineering.**

An exciting postdoctoral position is now available at MIT to work on translational research related to DNA damage and repair. As part of the MIT Center for Environmental Health Sciences, the MIT Superfund Research Program, and the Department of Biological Engineering, this opportunity provides the opportunity to do work that has the potential to impact public health. A key aspect of the project is to contribute to studies of DNA damage and repair for Native Americans. There are concerns about the impact of metals on DNA repair capacity, and interventions are underway to provide zinc supplementation to offset the deleterious effects of metals that contaminate the environment. This position includes working closely with collaborators at the University of New Mexico to leverage in-house technology to address this public health challenge. In addition, this position offers the opportunity to contribute to translation of in-house DNA damage analysis technologies. There is also the opportunity to be part of a team developing machine learning algorithms for image analysis (participation in programming is not a requirement). Interested applicants should contact Bevin Engelward (Prof. of Biological Engineering; Director of the MIT Superfund Research Program [bevin@mit.edu]). Women, people of color, people who are differently abled, and members of the LGBTQ+ community are encouraged to apply.

Do research on DNA damage and repair for Native Americans through a collaboration with the UNM SRP

Collaborate with an image analysis team to refine data analysis

Help to translate in-house technology for greater public health impact

DNA Damage

⬇

Insufficient DNA Repair

⬇

Morbidity and Mortailty

Be part of studies that aim to leverage dietary supplements to improve DNA repair