



DEPARTMENT OF RADIOLOGY

University of Wisconsin
School of Medicine and Public Health

Postdoctoral Opportunity

A postdoctoral position is available in the laboratory of Dr. Amy Fowler at UW-Madison to study molecular imaging approaches to better understand the biology of breast cancer including its response to targeted drug therapies. The laboratory focuses on using radiopharmaceuticals for quantitative imaging of steroid hormone (estrogen and progesterone) receptor expression, proliferation, and glucose metabolism. Current projects in the lab span the translational research spectrum and include *in vitro* cell culture experiments, small animal imaging of cell-derived and patient-derived xenografts, and clinical trials.

Responsibilities include the design and performance of cancer biology/imaging experiments using *in vitro* and *in vivo* models of breast cancer, writing/editing manuscripts, and grant submissions. Prior experience working with cell culture, rodents, and radioactivity is preferred. This project will also involve gene editing with CRISPR technology, mutational analyses with digital droplet PCR, and cistrome and transcriptome analyses with ChIP-Seq and RNA-Seq.

Applicants must have obtained or anticipate soon receiving a PhD or MD/DVM/PhD in molecular/cancer biology, biochemistry, cell biology, or related biomedical field and have published at least one manuscript as first author.

The position is available immediately and will remain open until filled. Interested candidates should send a curriculum vitae, a cover letter describing your research interests, background, and qualifications, and names of 3 references to:

Amy M. Fowler, MD, PhD

Assistant Professor

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