

# **Anna Moore**

**Director of Precision Health Program and Assistant Dean at Michigan State University**

East Lansing, MI, US

Expert in imaging and image-guided therapies in cancer and diabetes

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## **Biography**

Dr. Anna Moore has recently joined MSU as the Director of Precision Health Program and Assistant Dean at the College of Human Medicine after conducting research as a Professor of Radiology at Massachusetts General Hospital/Harvard Medical School for over 27 years. She received her M.S. degree in Chemistry from Moscow State University and obtained her Ph.D. degree in Bioorganic Chemistry from the Institute of Biochemistry, Russian Academy of Sciences. She started her research at the Center for Molecular Imaging Research at the Department of Radiology at MGH and her career path progressed from a postdoctoral fellow to a full Professor at Harvard Medical School. Her research is aimed at developing molecular imaging theranostic agents for cancer imaging and therapy. Her recent studies on image-guided therapy of metastatic breast cancer showed a unique way to eradicate this devastating disease and will soon enter clinical trials. She is a co-founder of TransCode Therapeutics, a company that is aimed at bringing these therapies into clinic. Dr. Moore published her work in the most prestigious journals including Nature, Nature Medicine, Nature Biotechnology, PNAS, Cancer Research and others. She is a recipient of multiple grant awards from NIH and other funding agencies. For her contribution to teaching courses at international meetings she was awarded with the "Outstanding Teacher Award" from the International Society for Magnetic Resonance in Medicine (ISMRM). She was elected twice as a Chair of the Cellular and Molecular Imaging study group at this society. She was awarded a Distinguished Investigator Award from the Academy of Radiology Research in 2014. As one of the major contributors to the field of Molecular Imaging she was elected as a Council Member of the Society for Molecular Imaging and worked toward creation of the World Molecular Imaging Society (WMIS) in 2011. She served two terms as a Member of the Board of Trustees of WMIS. She is the United States Regional Editor for Molecular Imaging and Biology, the official journal of WMIS. For her relentless service to the Society Dr. Moore was elected as a Fellow of the World Molecular Imaging Society. Since joining MSU, Dr. Moore has been working on changing the approach to healthcare by focusing on disease prediction, prevention and early detection. Her research is aimed at elucidation of the disease pathways and biomarkers and discovery of novel therapies in conjunction with state-of-the-art imaging.

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## **Industry Expertise**

Education/Learning, Health Care - Services, Health and Wellness, Health Care - Providers, Research

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## **Areas of Expertise**

Early Detection, Cancer, In Vivo Imaging, Diabetes, Image-Guided Therapy, Precision Medicine

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## **Affiliations**

World Molecular Imaging Society, Women in Molecular Imaging Network

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## **Education**

**Russian Academy of Sciences, Institute of Biochemistry**  
Ph.D Bioorganic Chemistry

**Moscow State University**  
M.S. Chemistry

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## **Accomplishments**

### **Fellow of the World Molecular Imaging Society**

2015 The World Molecular Imaging Society is an international scientific educational organization dedicated to the understanding of biology and medicine through multimodal in vivo imaging of cellular and molecular events involved in normal and pathologic processes and utilization of quantitative molecular imaging in patient care.

### **Distinguished Investigator Award from the Academy of Radiology Research**

2014 This prestigious honor recognizes individuals for their accomplishments in the field of medical imaging.

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