

## Dr. Cevher Ozcan Wins NIH K08 Award for Research on Atrial Fibrillation

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Cevher Ozcan MD, Assistant Professor of Medicine, has been awarded a K08 Mentored Clinical Scientist Research Career Development Award by the National Heart, Lung and Blood Institute. The work focuses on elucidating molecular mechanisms of atrial fibrillation, the most common heart rhythm disorder. The central hypothesis of the proposal is that mitochondrial dysfunction plays a critical role in atrial fibrillation by causing electrical instability. Dr. Ozcan will use two novel model systems to study the role of mitochondria in the mechanisms of atrial fibrillation. She will use these observations to identify novel mitochondrial targets for treatment and prevention.



Atrial fibrillation affects 1% of the US population and is a major public health problem. Remarkably little is known about cellular and molecular mechanisms of atrial fibrillation. Dr. Ozcan's work has enormous translational potential to better treat and prevent this common disorder.

Dr. Ozcan earned her MD at University of Cukurova followed by a residency in internal medicine at Medical College of Wisconsin. She completed a Research Fellowship in Cardiovascular Medicine at Mayo Clinic, a Fellowship in Cardiovascular Disease at Yale University and a Fellowship in Clinical Cardiac Electrophysiology at Massachusetts General Hospital before joining the UB faculty in the Division of Cardiovascular Medicine in 2011.