



# Genome Sciences Seminar

Wednesday, 5.16.18 | 3:30 | Foege Auditorium

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## Dr. Sekar Kathiresan

Director, Center for Genomic Medicine, Massachusetts General Hospital  
Ofer and Shelly Nemirovsky MGH Research Scholar  
Director of the Cardiovascular Disease Initiative at the Broad Institute  
Associate Professor of Medicine, Harvard Medical School

## “Genetic basis for heart attack”

### The Kathiresan Lab

**Gene Discovery.** Of the 3.2 billion letters that comprise the human genetic code, we want to understand which specific letters confer risk for heart attack and its risk factors such as LDL cholesterol and triglycerides.

**Functional Biology.** We use model systems (cells, mice) to understand the mechanisms by which the newly discovered genes lead to phenotype.

**Clinical Translation.** We utilize the discovered gene variants to address specific clinical questions such as risk prediction and distinguishing causal factors from reactive ones.

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Refreshments served outside the Auditorium at 3:20pm

Questions? Contact Brian Giebel at [bgiebel@uw.edu](mailto:bgiebel@uw.edu) or visit the Seminar website at <http://www.gs.washington.edu/news/seminars.htm>

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