

PATHOLOGY AND LABORATORY MEDICINE  
**PATERSON LECTURE**



## **Bruce Beutler, M.D.**

Director, Center for the Genetics of Host Defense  
Regental Professor, Raymond and Ellen Willie Distinguished Chair in Cancer Research  
University of Texas Southwestern Medical Center

### ***“Forward genetics in the mouse: automated meiotic mapping”***

Thursday, November 10, 2022

12:00 p.m. - 1:00 p.m.

Schulich Webinar

ZoomLink: [https://westernuniversity.zoom.us/webinar/register/WN\\_O-7HOrVmQoS8logs2fRauA](https://westernuniversity.zoom.us/webinar/register/WN_O-7HOrVmQoS8logs2fRauA)

Bruce Beutler, MD, discovered an important family of receptors that allow mammals to sense infections when they occur, triggering a powerful inflammatory response. His pioneering molecular and genetic studies of inflammation and innate immunity led to the discovery of tumor necrosis factor-alpha and toll-like receptor 4 as the prototypical receptor for bacterial lipopolysaccharide.

For this seminal work, he received the **2011 Nobel Prize in Physiology or Medicine**, together with Jules A. Hoffmann. Please register to participate in a sure-to-be captivating Paterson Lecture.