

**Topics in Molecular Medicine (CAMB/PHRM 5420-402)**  
**Fall 2024 Wednesdays 5:15PM Room 132 Hill Pavilion**

<b>Date</b>	<b>Faculty</b>	<b>Topic</b>	<b>Clinical Presentation</b>	<b>Basic Presentation</b>	<b>Methods/Rigor and Reproducibility/ or RCR</b>
August 28	<b>Atchison/Mason</b>	Orientation and course organization			
September 11	<b>Andres Blanco</b>	The role of Sox9 mutations in Campomelic Dysplasia			
September 18	<b>Montserrat Anguera</b>	Mechanisms underlying the female bias with autoimmune diseases			
September 25	<b>Marisa Bartolomei</b>	Preimplantation genetic testing in IVF embryos and whether it should be done (or is even worth being done)			
October 2	<b>Chris Lengner</b>	Genome engineering and its application in treating disease			
October 9	<b>Susan Volk</b>	Wound healing, regeneration vs scarring			
October 16	<b>Ricardo Castillo</b>	Cystic echinococcosis and genomics-informed treatments			
October 23	<b>Ron Harty</b>	Ebola Virus Infection and Disease			
October 30	<b>Louise Moncla</b>	Outbreak reconstruction and epidemiology			
November 6	<b>Andrew Vaughan</b>	Idiopathic pulmonary fibrosis			
November 13	<b>William Beltran</b>	Gene agnostic approaches for the treatment of Inherited Retinal Degenerations			
November 20	<b>Phil Scott</b>	Host-directed therapy in leishmaniasis			
December 4	<b>Antonia Rotolo</b>	Off-the-shelf cell therapies for infectious diseases and cancer			
December 11	<b>Andrew Modzelewski</b>	Retrotransposons in Development and Disease			