

**University of Calgary  
Heritage Science Teachers' Workshop  
July 28<sup>th</sup> – 30<sup>th</sup>, 2008**

	<b>Mon., July 28th</b>	<b>Tues., July 29<sup>th</sup></b>	<b>Wed., July 30<sup>th</sup></b>
<b>8:30 a.m.</b>	Introduction/Lab Meeting	Lab Meeting	Lab Meeting Rm 2525
<b>9:00 a.m. – 10:00 a.m.</b>	Basic cell culture lecture	Stem cell differentiation lecture	Cell shape and function lecture
<b>10:00 am- noon</b>	Hands-on cell culture lab BTC	Gene therapy lecture	Hands-on cell culture lab BTC
<b>12:00 – 1:00 p.m.</b>	LUNCH (Atrium)	LUNCH (Atrium)	LUNCH (Atrium)
<b>1:00 – 3:00 p.m.</b>	Hands-on cell culture lab BTC	Hands-on cell culture BTC	Outreach Program Information Session  Tour: The cave

**Biotechnology Training Centre (BTC)**- The Faculty of Medicine's Biotechnology Training Centre is dedicated to training biomedical scientists. The teaching facility is equipped to instruct students in state of the art techniques in biotechnology including molecular biology, microbiology, molecular diagnostics, protein biochemistry, and electrophysiology. In addition to a wet lab, there is a computer facility for courses in molecular genomics, proteomics, bioinformatics, and molecular modeling.

- Lab: Cell Culture Experiments