



# Cell Culture Basics – 2 Days Hands-On Training Course

**Date:** September 26&27 , 2019

**Location:** 3D Cell Culture Core (3D3C) Facility, BRK2087, Birck Nanotechnology Center, Purdue University

**Course Fee:** \$250 per person

**Who should attend:**

Anybody who wants to learn about cell culture or to refresh knowledge in cell culture practices.

**Activities: Lecture, Discussions, Demonstrations, Hands-on Training**

<b>Day 1</b>	<b>AM</b>	<b>Lecture (1.5h): Cell Culture Basics</b> <b>Demonstration (1.5h): Use of biosafety hood for cell culture</b>
	<b>PM</b>	<b>Hands-On Practical (3h)</b> <ul style="list-style-type: none"><li>• <b>Observation of cells under microscope</b></li><li>• <b>Handling of culture devices and culture medium</b></li><li>• <b>Medium preparation</b></li><li>• <b>Cell seeding</b></li></ul>
<b>Day 2</b>	<b>AM</b>	<b>Q &amp; A (1h)</b> <b>Demonstration (2h): Subculturing of cells</b>
	<b>PM</b>	<b>Hands-On Practical (3h)</b> <ul style="list-style-type: none"><li>• <b>Cells dissociation</b></li><li>• <b>Cells counting</b></li></ul> <b>Q &amp; A and Conclusion (1h)</b>

**Prerequisites:** Purdue REM biosafety training and blood borne pathogen training

**Class Size:** Six participants (supervised by two trainers)

**Contact for question and registration:** Dr. Shirisha Chittiboyina, Facility Manager, 3D Cell Culture Core (3D3C) Facility (schittib@purdue.edu, 765-496-7881)

**Deadline for Registration:** September 19, 2019