



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

**Date:** December 3 & 4, 2019

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

**Course Fee:** \$350 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>• Observation of cells under microscope</li><li>• Handling of culture devices and culture medium</li><li>• Medium preparation</li><li>• Cell seeding</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>• Cells dissociation</li><li>• Cells counting</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. Yunfeng Bai, Facility Manager, 3D Cell Culture Core (3D3C) Facility (bai0@purdue.edu, 765-496-0225)

**Deadline for Registration:** November 18, 2019