



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

**Date:** November 29 & 30, 2018

**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**

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|--------------|-----------|---|
| <b>Day 1</b> | <b>AM</b> | <b>Lecture (1.5h): Cell Culture Basics</b><br><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><br><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. Tim Kwok,  
Facility Manager, 3D Cell Culture Core (3D3C) Facility  
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**Deadline for Registration:** November 9, 2018