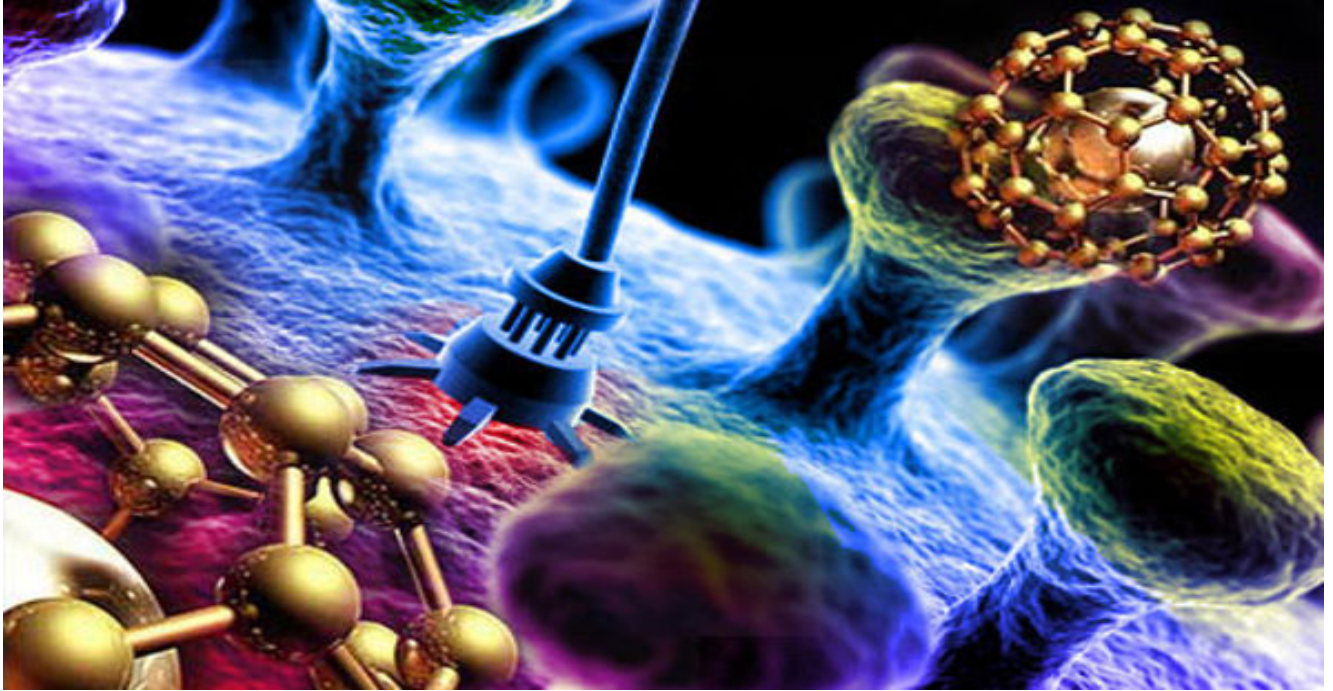


# **NANOBIOTECHNOLOGY** (Winter 2021)

BPSC 149/BPSC 225P/CMDB 281-E/BIOL  
281-E



Prof. Juan Pablo Giraldo ([juanpablo.giraldo@ucr.edu](mailto:juanpablo.giraldo@ucr.edu))  
2 units - Tuesdays 1:00 pm to 2:50 pm - Virtual course

Learn about emerging applications of **nanotechnology** to **plant, medical, and bioengineering research.**

Topics include how nanomaterials are used as novel tools for genome transformation and editing, targeted and controlled delivery of medicines and agrochemicals, smart nanosensors, and cyborg tissues with augmented functions.

This course will have lectures by the instructor and discussions led by the students focused on recent high impact research articles in the field of nanobiotechnology.

