

SCHEDULE

POSTCONGRESS COURSE

**BIOPROSPECTING OF NEW MICROBIAL STRAINS FROM
UNDER-EXPLORED ENVIRONMENTS FOR THE DISCOVERY OF NOVEL
ANTITUMOR AGENTS**

October 26th, 2018

Time	Program	Speaker
8:30-8:45	Registration	-
8:50-9:00	Welcome	Christian Romero, PhD
9:00-9:20	Identification of the microbe and initial storage conditions	David Newman, PhD
9:20-09:40	Variation in media/fermentation conditions to produce metabolites of interest	
09:40-10:00	Bioactivity of the compound(s) and initial idea of stability in media and blood	
10:00-10:20	Definition of target	
10:20-10:40	Are they what you think they are? What is the current competition?	
10:50-11:10	Coffee Break	
11:10-11:30	Other chemical and biological activities and off-target effect	David Newman, PhD
11:30-11:50	Initial fermentation parameters	
11:50 -12:20	Preparation of the active agent in a yield large enough to be able to determine stability in animals, human tissues etc.	
12:20-12:40	Determination of physical and chemical parameters of suggested drug (capsules, oral etc.) includes stability and long-term potency testing.	
12:40-1:00	Identification of target population	
1:00-1:05	Close	