



3D cell models – a powerful tool to study MDR

StrataCell

(in Vilnius local time)

Thursday, 5 th of November	
LECTURES	
10.00	Opening of training school <i>Prof. Vilma Petrikaite</i>
10.10	Welcome and introduction to STRATAGEM <i>Prof. Chiara Riganti</i>
10.35	3D models – a powerful tools for testing MDR <i>Dr. Anamaria Brozovic</i>
11.00	Tumor cell and microenvironment interaction <i>Dr. Muriel Cuendet</i>
11.40	Break
12.30	The use of patient-derived organoids to guide the design of novel combination strategies <i>Dr. An Wouters</i>
13.15	Discussion and close remarks of the 1st day <i>Prof. Vilma Petrikaite</i>
AFTERNOON ONLINE “WET LAB”	
14.00-16.00	Individual movie theater Let’s make 3D tumor spheroids Short introduction and welcoming trainees Video lab training: <ol style="list-style-type: none"> 1. 3D Bioprinting method 2. Hanging drops technique 3. 3D Microtissue technique 4. Organoid preparation and splitting 5. Organ on a chip

Friday, 6 th of November	
LECTURES	
10.00	A wonderful world of organoids <i>Dr. Inese Čakstina</i>
10.30	Tumor explants for <i>ex vivo</i> drug screening <i>Dr. Jelena Grahovac</i>
10.45	A 3D Bioprinting Approach to the Reconstruction of Glioblastoma Tumors <i>Dr. Lisa Oliver</i>
11.00	Organ on a Chip Technology: Cancer applications <i>Dr. Ignacio Ochoa</i>
11.40	Break
12.30	Discussion and close remarks of the 2nd day <i>Prof. Vilma Petrikaite</i>
AFTERNOON ONLINE “WET LAB”	
13.00-14.00	Discussion (cont.), including issues from “WET LAB” movies FINAL QUIZ for trainees CLOSING REMARKS of the training school