



Dipartimento della Salute
della Donna e del Bambino



UNIVERSITÀ
DEGLI STUDI
DI PADOVA



Fondazione
ISTITUTO DI RICERCA
PEDIATRICA

Introduction to Translational medicine: from benchside to bedside to the community

January 14-18, 2019

George Mason University, Dipartimento della Salute della Donna e del Bambino-Azienda Ospedaliera-
Università di Padova, Istituto di Ricerca Pediatrica

HANDS ON IN LAB SESSIONS

Coordinators:

Alessandra Luchini (George Mason University):

aluchini@gmu.edu

Benedetta Accordi (University of Padua-IRP):

benedetta.accordi@unipd.it

Laboratory Hands-on workshops Faculty

Marco Agostini, University of Padova, Pediatric Research Institute, City of Hope

Benedetta Accordi, University of Padova, Pediatric Research Institute, City of Hope

Silvia Bresolin, University of Padova, Pediatric Research Institute, City of Hope

Barbara Buldini, Azienda Ospedaliera-University of Padova, Padova, Italy

Giuseppe Germano, Pediatric Research Institute, City of Hope

Maddalena Paganin, Pediatric Research Institute, Padova, Italy

Renato Zambello, Azienda Ospedaliera-University of Padova, Padova, Italy

Laboratory Hands on Workshops

Students will participate in hands-on workshop in the afternoons from Monday January 14, 2019 to Friday January 18, 2019.

Monday Workshops

1. Flow cytometry and cytogenetics (Dr. Barbara Buldini and Renato Zambello)

Tuesday Workshops

1. Reverse-Phase Protein Arrays (Dr. Benedetta Accordi/Valentina Serafin)
2. Mass Spectrometry (dr.Marco Agostini/dr.Sara Crotti)

Wednesday Workshops

1. Reverse-Phase Protein Arrays (Dr. Benedetta Accordi/Valentina Serafin)
2. Mass Spectrometry (dr.Marco Agostini /dr.Sara Crotti)

Thursday Workshops

1. Zebrafish and disease modeling(Dr. Giuseppe Germano)
2. Next Gen sequencing (Dr. Silvia Bresolin/Maddalena Paganin)

Friday Workshops

1. Zebrafish and disease modeling(Dr. Giuseppe Germano)
2. Next Gen sequencing (Dr. Silvia Bresolin/Maddalena Paganin)

ADDITIONAL

3. Nanoparticle Rapid Test for Infectious disease (dr.Alessandra Luchini)

Student Groups:

Group A (1-20); Group B (21-40);

Workshops	Monday 2:30pm-5:30pm
Flow cytometry and cytogenetics, adult leukemia	A
Flow cytometry and cytogenetics, pediatric leukemia	B

Workshops	Tuesday	Wednesday	Thursday	Friday
Reverse Phase Protein Array	A	B		
Nanoparticles / Mass Spectrometry	B	A		
Zebrafish			A	B
Next gen sequencing			B	A

Student Papers due Monday January 20, 2019