

# SUMMER SCHOOL DAY 1

## SMART SOLUTIONS FOR REGENERATIVE MEDICINE



10 June 2025



POLITEHNICA University, Campus Building 6A,  
Floor 1, Conference Room

09:00 – 10:00

REGISTRATION & GREETINGS

10:00 – 10:30

OPENING CEREMONY BY CHAIR COMMITTEE

10:30 – 11:30

### PLENARY SPEECH

*THE ROLE OF FEZ1 IN BRAIN DEVELOPMENT AND ITS  
POTENTIAL AS A THERAPEUTIC TARGET FOR CNS  
REGENERATION*

**ASSIST. PROF. JOHN JIA EN CHUA**, NUS, SINGAPORE

11:30 – 12:30

### KEYNOTE LECTURE

*ORGAN-ON-A-CHIP INSIGHTS*

**EBIO-HUB CHAIR DR. ENG. CIPRIAN ILIESCU**,  
POLITEHNICA UNIVERSITY, ROMANIA

12:30 – 13:30

COFFEE BREAK & NETWORKING

13:30 – 14:15

### KEYNOTE LECTURE

*NEXT-GEN REGENERATION: SMART TECHNOLOGIES,  
TISSUE ENGINEERING & THE MICROBIOME*

**CONF. DR. BIOL. GRAȚIELA GRĂDIȘTEANU-  
PÎRCĂLĂBIORU**, EBIO-HUB POLITEHNICA UNIVERSITY,  
UNIBUC, ROMANIA

14:15 – 15:00

### KEYNOTE LECTURE

*NEGATIVE PRESSURE WOUND THERAPY IN THE  
MANAGEMENT OF CHRONIC LOWER LIMB ULCERS*  
**SENIOR LECTURER MD, PHD MARA MĂDĂLINA MIHAI**,  
ELIAS HOSPITAL, UMFCD, ROMANIA

15:00 – 16:00

COFFEE BREAK, NETWORKING & CLOSING  
DISCUSSIONS

Chair of Organizing Committee: Dr. Bianca Tihăuan

[bianca.tihauan@upb.ro](mailto:bianca.tihauan@upb.ro)

Co-Chair of Organizing Committee: Dr. Ana-Maria Zamfirescu

[ana.zamfirescu0803@upb.ro](mailto:ana.zamfirescu0803@upb.ro)

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# SUMMER SCHOOL DAY 2

## SMART SOLUTIONS FOR REGENERATIVE MEDICINE

 11 June 2025

 Cell Culture Laboratory  
POLITEHNICA University Polizu, Building A,  
Lab 133, Floor 1

09:00 – 10:00

REGISTRATION & GREETINGS

10:00 – 10:15

OPENING CEREMONY BY CHAIR COMMITTEE

10:15 – 10:30

**EDUCATIONAL SESSION**  
*FROM CELLS TO NAKED MICE: IN VITRO AND IN VIVO  
MODELS FOR SKIN RESEARCH IN REGENERATIVE MEDICINE*  
**DR. ANA-MARIA ZAMFIRESCU**, EBIO-HUB, POLITEHNICA  
UNIVERSITY, ROMANIA

10:30 – 12:30

**HANDS-ON WORKSHOP**  
*INNOVATIVE IN VITRO STRATEGIES FOR THE DEVELOPMENT  
AND ASSESSMENT OF CELLULAR WOUND HEALING*  
**DR. BIANCA-MARIA TIHĂUAN & DR. FLORINA ILIESCU**,  
EBIO-HUB, POLITEHNICA UNIVERSITY, ROMANIA

12:30 – 13:30

COFFEE BREAK & NETWORKING

13:00 – 14:00

**EDUCATIONAL SESSION**  
NEGATIVE PRESSURE WOUND THERAPY: CLINICAL  
APPROACH TO APPLICATION AND REMOVAL IN CHRONIC  
WOUNDS, **DR. FLORINA ILIESCU**, EBIO-HUB, POLITEHNICA  
UNIVERSITY, ROMANIA

14:00 – 16:00

**HANDS-ON WORKSHOP**  
*ASSESSMENT OF WOUND BED MICROBIOTA AND CLINICAL  
INSIGHTS INTO STERILITY ASSURANCE*  
**DRD. BIOL. LAURA-ELENA ANDREI & DRD. BIOL. ELENA  
RADU**, EBIO-HUB, POLITEHNICA UNIVERSITY, ROMANIA

16:00 – 17:00

COFFEE BREAK, NETWORKING & CLOSING  
DISCUSSIONS

Chair of Organizing Committee: Dr. Bianca Tihăuan  
[bianca.tihauan@upb.ro](mailto:bianca.tihauan@upb.ro)  
Co-Chair of Organizing Committee: Dr. Ana-Maria Zamfirescu  
[ana.zamfirescu0803@upb.ro](mailto:ana.zamfirescu0803@upb.ro)

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