

EURO BioHighTech Conference and Fair
26-27 September 2018

Stazione Marittima di Trieste, Molo dei Bersaglieri, 3
Trieste, Italy

PROGRAMME

Wednesday 26 SEPTEMBER 2018	
8:30 - 9:00	<i>Welcome and Registration</i>
Sala Oceania A-B	
9:00 - 9:30	CONFERENCE OPENING Welcome address – Organizer Committee Antonio Paoletti <i>President, Chamber of Commerce Venezia Giulia</i> Diego Bravar <i>President, BioHighTech NET</i> Laura Chies <i>President, CBM–Cluster Smart Health of Friuli Venezia Giulia</i> Sergio Razeto <i>President, Confindustria Venezia Giulia</i> Welcome address – Local Authorities Roberto Dipiazza <i>Mayor of Trieste</i> Stefano Fantoni <i>President, FIT-Trieste International Foundation for Progress and Freedom of Sciences</i> Riccardo Riccardi <i>Vice President and Councilor of the Department of Health, Social Policy and Disability of the Autonomous Region of Friuli Venezia Giulia</i>
9:30 – 11:00	RESEARCH FOR HEALTH TECHNOLOGY INNOVATION
	Chair Sergio Paoletti <i>President, AREA Science Park, Trieste – ITALY</i> 9.30 Maurizio Fermeglia <i>Rector, University of Trieste – ITALY</i> 9.40 Giuseppe Damante <i>Professor of Medical Genetic, Deputy Rector for internationalization of medical area, University of Udine – ITALY</i> 9.50 Stefano Ruffo <i>Director, SISSA-International School for Advanced Studies, Trieste – ITALY</i> 10.00 Horst Domdey <i>Managing Director, BioM Biotech Cluster Development, Bavaria, Munich – GERMANY</i> 10.10 Stefano Gustincich <i>Deputy Director for Technologies for Life Science (LifeTech), Italian Institute of Technology (IIT), Genova – ITALY</i> 10.20 Mateja Stempelj <i>Scientific Officer, Slovenian Innovation Hub, Ljubljana – SLOVENIA</i> 10.30 Paolo Gazzaniga <i>Director, ASSOBIMEDICA Research Center, Italian Medical Device Manufacturers Association – ITALY</i> 10.40 Fulvio Sbroiavacca <i>Coordinator of the Digital Transformation Area in the Healthcare sector, ANITEC-ASSINFORM – ITALY</i> 10.50 Daniele Finocchiaro <i>Chairman of the Research and Innovation Committee of CONFINDUSTRIA – ITALY</i> Summary and Perspective
11.00 - 11.15	<i>Break</i>

11:15 - 13:20 **R&D COLLABORATIVE PROJECTS**

Sala Oceania A-B BIOMEDICAL, IN VIVO AND IN VITRO DIAGNOSTIC

Co-Chairs Members of Technical and Scientific Committees

Gianpiero Spezzotti
CEO, ALIFAX srl, Nimis (UD) and ALIFAX R&D srl, Trieste – ITALY

Paola Storici
Senior Scientist, Elettra Sincrotrone, Trieste – ITALY

11.15 **ARES - Against bRain cancer: finding personalized therapies with in Silico and in vitro strategies**

Francesco De Giorgi
eXact-lab srl, Trieste – ITALY

11.25 **BIOfilm Sensing and Analysis for hEalth: BIOSAFE**

Barbara Troian
A.P.E. Research srl, Trieste – ITALY

11.35 **Development of a sensor for the easy and rapid detection of flavivirus**

Alessandro Marcello
ICGEB-International Centre for Genetic Engineering and Biotechnology, Trieste – ITALY

11.45 **FLASH TEST**

Rudy Ippodrino
Ulisse BioMed srl, Trieste – ITALY

11.55 **Help for elastase activity detection**

Antonella Bandiera
University of Trieste, Life Science Department, Trieste – ITALY

12.05 **Innovative Technologies for Personalized Chemotherapy (TICheP project - Tecnologie Innovative per la Chemioterapia Personalizzata in Italia)**

Stefano Casagrande
I.R.S. srl, Padova – ITALY

12.15 **Millifluidic device as alternative method to animal testing**

Orfeo Sbaizero
University of Trieste, Engineering and Architecture Department, Trieste – ITALY

12.25 **NADIATOOLS - Nano Diagnostic and Automated Therapeutic Tools for Oncology**

Paolo Giribona
BioValley Investments spa, Trieste – ITALY

12.35 **“NANOFORCE” - Sensors suitable for new profilometers dedicated to “soft materials”**

Stefano Prato
A.P.E. Research srl, Trieste – ITALY

12.45 **New methods for azamacrocycles (MAZA)**

Pietro Delogu
Serichim srl, Torviscosa (Udine) – ITALY

12.55 **New predictive approaches for the thyroid cancer management (PREDITT)**

Diego Boscarino
AB ANALITICA srl, Padova – ITALY AB ANALITICA srl, Padova – ITALY

13.05 – 13.20 Discussion

11:15 – 13:20 **R&D COLLABORATIVE PROJECTS**

Sala Oceania C INNOVATIVE THERAPY

Co-Chairs Members of Technical and Scientific Committees

Giorgio Costacurta
Business Angel IAG – ITALY

Antonio Paolo Beltrami
Assistant Professor of Pathology, Department of Medicine (DAME), University of Udine – ITALY

11.15 **Virtual surgery design through computational fluid dynamics**

Gianluigi Rozza and Francesco Ballarin
SISSA-International School for Advanced Studies, Trieste – ITALY

11.25 **ARTE - Advanced Regenerative Therapies Ecosystem**

Antonio Sfiligoj
VivaBioCell spa, Udine – ITALY

- 11.35 **EXOTHERA - Exosomes for regenerative, immunosuppressive, neuroprotective and oncosuppressive therapies**
Pietro Parisse
Elettra Sincrotrone, Trieste – ITALY
- 11.45 **PHA used for Surgical Material**
Mariapia Contento
Contento Trade srl, Terenzano (Udine) – ITALY
- 11.55 **PREFER - Development of a biocompatible product for difficult wound therapies (diabetic foot)**
Antonio Sfiligoj
VivaBioCell spa, Udine – ITALY
- 12.05 **Testing the health benefits of Sunflower PUFA modified composition with CRISPr technique**
Franco Rosa
University of Udine – ITALY
- 12.15 – 12.30 Discussion

Sala Oceania C **MEDICAL INFORMATICS AND BIOINFORMATICS**

Co-Chairs Members of Technical and Scientific Committees

Alberto Steindler

President, Superior Technical Institute for New Technologies of Life Foundation "Alessandro Volta", Trieste – ITALY

Miloš Ajčević

Senior Research Associate, University of Trieste – ITALY

12.35 **FARMAPRICE**

Luca Emili

InSilicoTrials Technologies srl, Trieste – ITALY

12.45 **SEF Project in Oral and Maxillofacial Surgery (Smart Videosurgery, Easy teleteaching and Fast teleassistance)**

Massimo Robiony

Clinic of Maxillofacial Surgery, University of Udine – ITALY

13.05 - 13.20 Discussion

13:30- 14:30 *Break*

14:30 - 15:30 **EDUCATION FOR HEALTH TECHNOLOGY INNOVATION**

Sala Oceania A-B

Chair Alessandro Laio

Professor of Statistical and Biological Physic, SISSA-International School for Advanced Studies, Trieste – ITALY

14.30 Ratko Magjarević

Professor of Electronic Instrumentation and Biomedical Electronics, University of Zagreb – CROATIA

14.40 Brane Leskošek

Professor, Faculty of Medicine, University of Ljubljana – SLOVENIA

14.50 Francesco Curcio

Professor of Clinical Pathology, Deputy Director for Education of Department of Medicine, University of Udine – ITALY

15.00 Serena Zacchigna

Researcher, Department of Medical, Surgical and Health Sciences, University of Trieste and Group Leader of the Cardiovascular Biology Group at ICGEB, Trieste – ITALY

15.10 Sara Marceglia

Professor of Biomedical Engineering and e-Health, University of Trieste – ITALY

15.20 Alberto Steindler

President, Superior Technical Institute for New Technologies of Life Foundation "Alessandro Volta", Trieste – ITALY

Summary and Perspective

15:30 – 15:45 *Break*

15:45 - 17:20 **R&D COLLABORATIVE PROJECTS**

Sala Oceania A-B **BIOMEDICAL, IN VIVO AND IN VITRO DIAGNOSTIC**

Co-Chairs Members of Technical and Scientific Committees

Antonio Sfiligoj
CEO, VivaBioCell spa, Udine – ITALY

Alessandro Marcello
Head of Molecular Virology, ICGEB-International Centre for Genetic Engineering and Biotechnology, Trieste – ITALY

15.45 **NIPT for traceable and digitalized Aneuploidies in Friuli Venezia Giulia - NATI IN FVG**

Diego Boscarino
AB ANALITICA srl, Trieste – ITALY

15.55 **R&D of innovative sensors for health**

Dino Paladin
DOTT. DINO PALADIN, Trieste – ITALY

16.05 **SMART CLOT**

Luigi de Marco
SediciDodici srl, Pordenone – ITALY

16.15 **Superficial Skin Temperature Sensor**

Stefano Perticaroli
Radio Analog Micro Electronics srl, Rome – ITALY

16.25 **TRAIN - High throughput screening and Big Data analysis for innovation**

Serena Zacchigna
ICGEB-International Center for Genetic Engineering and Biotechnology, Trieste – ITALY

16.35 **Transregional technological platform for transfer of advanced bio-polymers from lab to market – BioApp**

Uroš Novak
National Institute of Chemistry Slovenia, Ljubljana – SLOVENIA

16.45 **Triple T, Rationalized Tailored Targeted Therapy**

Jan Zuidema
Vivomicx – THE NETHERLANDS

16.55 **ZIDECHIP - Point of Care for simultaneous detection of Zika, Dengue and Chikungunya viruses**

Milena Sinigaglia
Alifax R&D srl, Trieste – ITALY

17.05 – 17.20 Discussion

15:45 - 17:20 **R&D COLLABORATIVE PROJECTS**

Sala Oceania C **MEDICAL INFORMATICS AND BIOINFORMATICS**

Co-Chairs Members of Technical and Scientific Committees

Roberto Brancati
Sale representative, O3 Enterprise srl, Trieste – ITALY

Miloš Ajčević
Senior Research Associate, University of Trieste – ITALY

15.45 **SPE3D-APP Project: 3D printing and APPs.. a support for different abilities and clinical practice**

Marco Simonetti
Superior Technical Institute for New Technologies of Life Foundation “Alessandro Volta”, Trieste – ITALY

15.55 **Artificial Intelligence for Ultrasounds**

Daniele Conti
SynDiag – Artificial Intelligence for Ultrasounds, Torino – ITALY

16.05 – 16.20 Discussion

Sala Oceania C

AMBIENT ASSISTED LIVING (AAL)

Co-Chairs Members of Technical and Scientific Committees

Alberto Steindler

President, Superior Technical Institute for New Technologies of Life Foundation "Alessandro Volta", Trieste – ITALY

Sandro Centonze

Director ad interim, Department of Research, Innovation, and Quality, "Azienda Sanitaria Universitaria Integrata di Trieste" – ITALY

16.25 **Large Eddy Simulation at urban neighborhood scale**

Federico Roman

IEFLUIDS srl, Trieste – ITALY

16.35 **Healthnet project, integrated care and the role of Health Districts**

Ofelia Altomare

Director, Health District 3, "Azienda Sanitaria Universitaria Integrata di Trieste" – ITALY

16.45 **Development of comprehensive care and support for groups at risk in the Western Balkan area**

Vladimir Jović

International Aid Network and Faculty of Philosophy, University of Kosovska, Mitrovica – KOSOVO

16.55 **digitalLIFE4CE Fostering innovation on integrated healthcare systems solutions**

Urška Rauter

Project Manager, Health & BioTech Section of Technology Park Ljubljana – SLOVENIA

17.05 – 17.20 Discussion

17.20 – 18.50

KEY FUTURE CAREERS FOR HEALTH TECHNOLOGY INNOVATION

Sala Oceania A-B

Chair Stefano Bergamasco

Vice President, Italian Association of Clinical Engineer, Partner ECRI Institute – ITALY

17.20 Stefano Bergamasco

Vice President, Italian Association of Clinical Engineer, Partner ECRI Institute – ITALY

17.35 Riccardo Zangrando

Regional Representative, Italian Association of Clinical Engineer FVG, "Azienda Sanitaria Universitaria Integrata di Udine" – ITALY

17.50 Roberto Belliato

Senior Member, Italian Association of Clinical Engineer, TBS Group spa – ITALY

18.05 Maurizio Rizzetto

Regional Representative, Italian Association of Clinical Engineer FVG, "A.A.S. 5 Friuli Occidentale" – ITALY

18.20 Mario Medvedec

Vice President Croatian Biomedical Engineering and Medical Physics Society, Zagreb – CROATIA

18.35 Renato Padovani

Coordinator, Master of Advanced Studies in Medical Physics, ICTP-Abdus Salam International Centre for Theoretical Physics, Trieste – ITALY

18.00-19.00

DIALOGUE AMONG RESEARCHERS, ENTREPRENEURS AND STUDENTS FOR INNOVATION AND ENTREPRENEURSHIP

Arena Speech

Co-Chairs Giovanni Loser

President of the Research, Innovation and Culture Committee, Rotary Trieste – ITALY

Massimo Debenedetti

Member of the Research, Innovation and Culture Committee, Rotary Trieste – ITALY

Corporate Vice President for Research and Innovation, Fincantieri spa, Trieste – ITALY

with young researchers, entrepreneurs and students as invited speakers

Thursday 27 SEPTEMBER 2018

9:30 - 10:30 BANK, FINANCE & INSURANCE FOR HEALTH TECHNOLOGY INNOVATION

Sala Oceania A-B

Co-Chairs Giorgio Valentinuz
Researcher, Department of Economics, Business, Mathematics and Statistics (DEAMS), University of Trieste – ITALY

Giovanni Loser
President of the Investment Committee, Biovalley Investments, Trieste – ITALY

9.30 Francesca Natali
Managing Partner, Zernike Meta Ventures spa, European Investment Fund – ITALY

9.40 Stefano Marzario
Senior Investment Officer, European Investment Bank – LUXEMBOURG

9.50 Roberta Terpin
Investment Manager, Friulia, Trieste – ITALY

10.00 Vincenzo Antonetti
Head of International Network, Intesa Sanpaolo Innovation Center – ITALY

10.10 Michele Morganti
Equity Strategist and Group Insurance Research Coordinator, Macro & Market Research Strategy, Generali Investments Europe, Trieste – ITALY

Summary and Perspective

10:30 – 10:45 *Break*

10:45 – 12:45 BIG RESEARCH INFRASTRUCTURES, RESEARCH AND ACADEMIC HOSPITALS AND SOCIAL HEALTHCARE FOR HEALTH TECHNOLOGY INNOVATION

Chair Claudio Tiribelli
President of the Scientific Committee, Italian Liver Foundation, Trieste – ITALY

10.45 Alessandro Quattrone
Professor of Experimental Biology, Director of the Centre for Integrative Biology, University of Trento – ITALY

10.55 Martina Viviani
Head of Fundraising, Technology Transfer and Innovation, ICGEB-International Centre for Genetic Engineering and Biotechnology, Trieste – ITALY

11.05 Renato Padovani
Coordinator, Master of Advanced Studies in Medical Physics, ICTP-Abdus Salam International Centre for Theoretical Physics, Trieste – ITALY

11.15 Marco Lazzarino
Group Leader of the Bio-nano Research, “IOM-Istituto Officina dei Materiali”, Italian National Research Council (CNR), Trieste – ITALY

11.25 Marco Marazzi
Deputy General Coordinator, Elettra Sincrotrone, Trieste – ITALY

11.35 Gianluigi Scannapieco
General Director, IRCCS Burlo Garofolo, Trieste – ITALY

11.45 Ermes Mestroni
Technology Transfer Office, IRCCS CRO-Centro di Riferimento Oncologico di Aviano – ITALY

11.55 Paolo Manganotti
Director, Clinical Neurology, “Azienda Sanitaria Universitaria Integrata di Trieste, Ospedale ad Alta Specializzazione di Cattinara”, Trieste – ITALY

12.05 Fabio Bonetta
General Manager, Institute of Social Interventions, “A.S.P. ITIS-Istituto Triestino Interventi Sociali”, Trieste – ITALY

12.15 Urška Rauter
Project Manager, Health & BioTech Section of Technology Park Ljubljana – SLOVENIA

12.25 Stefano Casaleggi
Director, AREA Science Park, Trieste – ITALY

Summary and Perspective

12:45 - 14:15 *Break*

14:15 – 15:45 **POLICY FOR HEALTH TECHNOLOGY INNOVATION**

- Chair Nadio Delai
President, Ermeneia Studi & Strategie di Sistema – ITALY
- 14.15 Nadio Delai
President, Ermeneia Studi & Strategie di Sistema – ITALY
- 14.25 Pietro Siciliano
President, Italian Technological Cluster TAV, Smart Living Technologies – ITALY
- 14.35 Antonello Pezzini, *Representative of Confindustria Italia at European Economic and Social Committee (EESC), Brussels*
Salvatore Lupo, *Representative of European Economic and Social Committee (EESC), Brussels – BELGIUM*
- 14.45 Vladimir Jović
Professor, Faculty of Philosophy, University of Priština (Kosovska Mitrovica) – KOSOVO
Founding Member of the International Aid Network, Belgrade – SERBIA
External Consultant, WHO Collaborative Center for Research and Training DSM - ASUITS, Trieste – ITALY
- 14.55 Goran Čerkez
Assistant Minister for International Cooperation and Coordination of Strategy Development, Federal Ministry of Health – BOSNIA and HERZEGOVINA
- 15.05 Stane Pejovnik
Professor Emeritus, University of Ljubljana, Slovenia Medicon Valley – SLOVENIA
- 15.15 Alessandro Lombardo
Senior Executive Officer, Central European Initiative-Executive Secretariat, Trieste – ITALY
- 15.25 Hendrik Bosshammer
Economist & Project Manager of South East Europe Division, Global Relations Secretariat, OECD - FRANCE
- Summary and Perspective

15.45 – 17.30 **ROUND TABLE**
Research and Health Technology Innovation for economic and industrial local development

- Co-Chairs Diego Bravar
President, BioHighTech NET - ITALY
- Laura Chies
President, CBM-Cluster Smart Health FVG – ITALY
- Entrepreneur representatives of the Autonomous Region of Friuli Venezia Giulia**
- Antonio Sfiligoj
CEO, VivaBioCell spa, Udine – ITALY
- Gianpiero Spezzotti
CEO, Alifax srl, Nimis (UD) and Alifax R&D srl, Trieste – ITALY
- Alberto Steindler
Science, Technology and ICT Manager, TBS Group spa, Trieste – ITALY
- Paride Grisenti
IP and Scientific Director, Serichim srl, Torviscosa (UD) – ITALY
- Paolo Giribona
CEO, Connected Life srl, Trieste – ITALY
- CONCLUSION**
- Government representatives of the Autonomous Region of Friuli Venezia Giulia**
- Riccardo Riccardi
Vice President and Councilor of the Department of Health, Social Policy and Disability of the Autonomous Region of Friuli Venezia Giulia
- Alessia Rosolen*
Councilor of the Department of Employment, Education, Training and Equal Opportunities, Youth Policies and Research of the Autonomous Region of Friuli Venezia Giulia
- Sergio Emidio Bini
Councilor of the Department of Productive Activities and Tourism of the Autonomous Region of Friuli Venezia Giulia

*Invited

17:30 **CLOSING REMARKS**