

Precision Medicine for a Changing Population: Workshop on the Italian Context

Precision Medicine, New Italians and Health Disparities in Italy

18 September 2018

European Institute of Oncology, Campus IFOM-IEO Conference Room

Via Adamello 16, 20139 Milano

Organizing committee: STS Unit European Institute of Oncology

Giuseppe Testa, MD, PhD, MA, Full Professor of Molecular Biology, University of Milan; Director of the Laboratory of Stem Cell Epigenetics, European Institute of Oncology

Nadav Even Chorev, PhD, Post-Doctoral Fellow in the STS Unit of the Stem Cell Epigenetics Lab, European Institute of Oncology

Ilaria Galasso, PhD Student in Foundation of Life Sciences, Bioethics and Cognitive Sciences at European School of Molecular Medicine, University of Milan and European Institute of Oncology

Luca Marelli, PhD, Marie Skłodowska-Curie Fellow, Life Sciences & Society Lab, KU Leuven; Post-Doctoral Fellow in the STS Unit of the Stem Cell Epigenetics Lab, European Institute of Oncology

Program

10.30

- Welcome (STS Unit European Institute of Oncology)
- Introduction
- **Ilaria Galasso** (PhD Student in Foundation of Life Sciences, Bioethics and Cognitive Sciences at European School of Molecular Medicine, University of Milan and European Institute of Oncology)
Precision Medicine and Health Disparities: Opportunities and Concerns

11.00

- PANEL 1: Migrants and New Italians: Discrimination and Health

Panel description: The current socio-political context makes immigrants and new Italians especially vulnerable in terms of health. Their disadvantageous initial conditions as immigrants and the social tensions challenging their assimilation in the labor market and in higher education, often condemn these populations to poverty, low education levels, and segregation— thus exacerbating the effects of social and environmental determinants of health. Against this background, this session will focus on making sense of and critically examining evolving health disparities, and how the latter are brought to bear to the alignment of medical research and practice with the new shape of Italian society.

Moderator: Luca Marelli, PhD (Marie Skłodowska-Curie Fellow, Life Sciences & Society Lab, KU Leuven; Post-Doctoral Fellow in the STS Unit of the Stem Cell Epigenetics Lab, European Institute of Oncology)

Panelists:

- **Martino Ardigò, MD, PhD** (Researcher, Centre for International Health; University of Bologna):
“**Bios VS Zoe: is the focus on biomedicine a significant risk for health inequalities?**”
- **Emilio Di Maria, MD, PhD** (Assistant Professor of Medical Genetics, University of Genova; Consultant Clinical Geneticist, Galliera Hospital; Coordinator Gruppo Ligure Immigrazione e Salute, Società Italiana Medicina delle Migrazioni):
“**Health right and healthcare for migrant persons: from evidence to equity**”
- **Giuseppe Ippolito, MD, MSc(HCMO), FRCPE** (Scientific Director of Istituto Nazionale per le Malattie Infettive Lazzaro Spallanzani):
TBD
- **Ilaria Galasso** (PhD Student in Foundation of Life Sciences, Bioethics and Cognitive Sciences at European School of Molecular Medicine, University of Milan and European Institute of Oncology):
“**The “Social Potential” of Precision Medicine as a Solution to Exclusivity and Discrimination: International Case Studies**”
- **Valeria Ottonelli, PhD** (Associate Professor of Political Philosophy, University of Genova):
“**The difference that migration makes. Health inequalities and the distinctiveness of migration**”

13.30

- **End of the morning panel and free time**

14.30

- **PANEL 2: Italian Precision Medicine and Health Equity**

Panel description: Precision medicine focuses on individual variability to deliver targeted prevention strategies and treatments. This approach builds on correlations between personal traits and contexts, and wider health, lifestyle and disease conditions and predispositions. This session will focus on possible strategies to frame precision medicine in the context of the changing Italian society, by considering the impact of its inclusive implementation. This discussion will facilitate to better understand the specific health needs and vulnerabilities of migrants and new Italians, and to improve the equity of healthcare outcomes across the Italian population.

Moderator: Ilaria Galasso (PhD Student in Foundation of Life Sciences, Bioethics and Cognitive Sciences at European School of Molecular Medicine, University of Milan and European Institute of Oncology)

Panelists:

- **Stefano Crabu, PhD** (Assistant Professor, Department of Design, Polytechnic University of Milan):
“Politics of personalization: empowering “potential patients” and healthcare practitioners in the precision medicine era”
- **Luca Marelli, PhD** (Marie Skłodowska-Curie Fellow, Life Sciences & Society Lab, KU Leuven; Post-Doctoral Fellow in the STS Unit of the Stem Cell Epigenetics Lab, European Institute of Oncology):
TBD
- **Pier Giuseppe Pelicci, MD, PhD** (Director of Research and Chairman of the Department of Experimental Oncology, IEO, Milan; Full Professor of Pathology, University of Milan):
TBD
- **Giuseppe Remuzzi, MD, FRCP** (Director of Istituto Ricerche Farmacologiche Mario Negri; Professor of Nephrology and Director of the Department of Immunology and Clinical Transplantation, Ospedali Riuniti di Bergamo; Director of the Division of Nephrology and Dialysis, Ospedali Riuniti di Bergamo; Full Professor of Nephrology, University of Milan; Member of Board of Directors of Istituto Superiore di Sanità):
“Will Precision Medicine fail just as its predecessors did?”
- **Giuseppe Testa, MD, PhD, MA** (Full Professor of Molecular Biology, University of Milan; Director of the Laboratory of Stem Cell Epigenetics, European Institute of Oncology)
TBD

17.00

- **Conclusions**
- **Nadav Even Chorev, PhD** (Post-doctoral Fellow in the STS Unit of the Stem Cell Epigenetics Lab, European Institute of Oncology):
Concluding Remarks: Lessons Learned and Emerging Future Directions

17.30 Adjourn