

17th Educational Course in

Genetic Counseling in Oncology 2025

September, 26 & 27, 2025

LAC, Lugano Arte e Cultura, 6900 Lugano

CREDITS
SGMO 13
SGGG 6
SGAIM 11



Welcome to our 17th Educational Course in Genetic Counseling in Oncology 2025

The 17th Course in Genetic Counseling in Oncology offers a **comprehensive and up-to-date** overview of Genomic Cancer Risk Assessment through **lectures** and **interactive workshops** focused on practical case discussions to enhance clinical practice in cancer genetics.

By the end of the course, participants will have:

- gained **state-of-the-art knowledge** in cancer genetics, focusing on the principles of genetic counseling, hereditary breast and ovarian cancer (HBOC), and other inherited cancer syndromes;
- developed expertise in **cancer risk assessment and management**, with a focus on integrating genomic data into clinical decision-making;
- acquired proficiency in **cancer screening and prevention** strategies, incorporating them into a comprehensive patient risk management process;
- explored key **medical, ethical, legal, and psychosocial challenges** in genetic counseling for oncology.

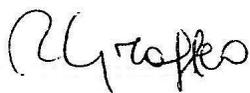
Organized under the auspices of the **CPTC network Swiss Cancer Institute**, this course provides enriching continuing education for physicians, nurses and other healthcare professionals involved in genetic counseling in oncology.

On behalf of the Scientific Committee, we are honored to welcome:

- high quality **Swiss speakers**;
- Dr. **Judy Garber**, MD, MPH, Dana-Farber Cancer Institute, Boston, USA (online);
- Dr. **Matthew B. Yurgelun**, MD, FASCO, CGAF, Dana-Farber Cancer Institute, Boston, USA (online);
- Dr **Huma Rana**, MD; MPH, Dana-Farber Cancer Institute, Boston, USA;
- Prof. Dr. med. **Matteo Lambertini**, IRCCS Ospedale Policlinico San Martino, Genova, Italy.

This course, in its second edition in the Italian-speaking part of Switzerland, is recommended by the **ESO (European School of Oncology)** and entirely conducted in English.

We look forward to seeing you in Lugano this September!

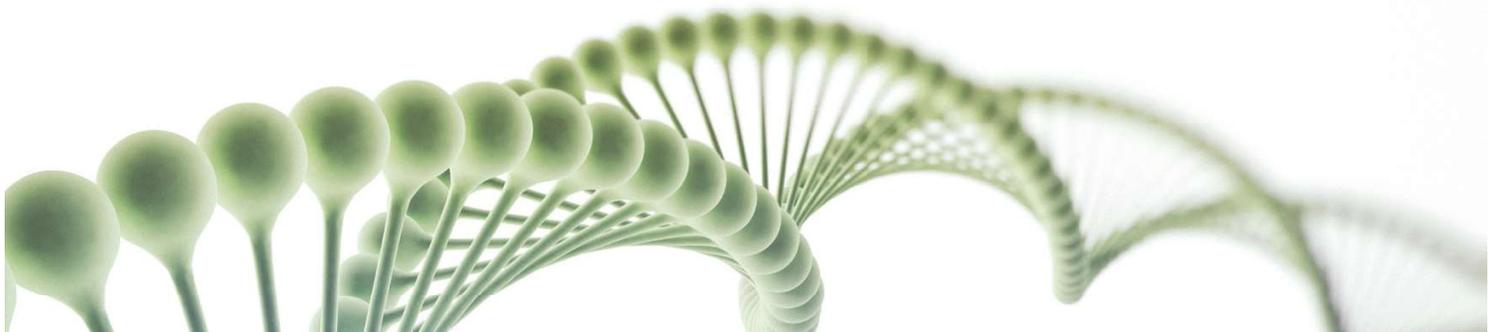


Rossella Graffeo

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Scientific Committee

Dr. med. R. Graffeo, Prof. Dr. med. D. Rossi, Prof. Dr. med. C. Leo, Dr. med. M. Rabaglio,
Prof. Dr. med. K. Heinimann, Dr. med. B. R othlisberger



Program*

Friday, 26th September 2025

08:50–09:00	10 min	Welcome and Introduction Prof. med. S. Gillissen, Director Oncology Institute of Southern Switzerland, EOC/IOSI, Bellinzona
Session 1		09:00 – 11:15: Introduction to Fundamental of Genetics
09:00–09:45	45 min	Understanding genetic testing and molecular results Dr. med. B. Roethlisberger, Genetica, Zurich
09:45–10:15	30 min	Detection of low allele frequency variants using NGS and the importance of fundamentals of cancer genetic risk assessment Huma Q. Rana, MD, MPH, Dana-Farber Cancer Institute, Boston, USA
10:15–10:45	30 min	Integration and clinical interpretation of genomic variants Prof. Dr. med. L. Mazzucchelli, Istituto Cantonale di Patologia, EOC, Locarno
10:45–11:15	30 min	Discussion and Q&A / Coffee Break
Session 2		11:15-14:00: State-of-the-Art: Approaches to Hereditary Breast Cancer
11:15–11:45	30 min	Preventive strategies for breast cancer predisposition syndromes Dr. med. R. Graffeo, Oncology Institute of Southern Switzerland, EOC/IOSI, Bellinzona
11:45–12:15	30 min	Workshop on Breast Cancer Risk Assessment; Tools: Case Discussion & Q&A moderated by Dr. med. M. Rabaglio, Inselspital, Bern
12:15–13:15	60 min	Lunch
13:15–14:00	45 min	Treatment and care approaches for hereditary breast cancer Dr. med. J. E. Garber, MD, MPH, Dana-Farber Cancer Institute, Boston, USA (online)
Session 3		14:00 – 16:00 Focus in Hereditary Gastrointestinal Cancers and Endocrine Cancer Predisposition
14:00–14:45	45 min	Hereditary gastrointestinal cancer: Lynch and polyposis syndromes Prof. Dr. med. K. Heinimann, Institute for Medical Genetics and Pathology, University Hospital, Basel
14:45–15:15	30 min	Gastric and pancreatic syndromes: clinical management and therapeutic approaches Dr. med. M. Yurgelun, MD, MPH, Dana-Farber Cancer Institute, Boston/USA (online)
15:15–15:45	30 min	Q/A and Case Presentation Workshop moderated by Dr. med. M. Nerone, EOC/IOSI, Bellinzona
15:45–16:00	15 min	Discussion and Q&A / Coffee Break
Session 4		16:00 – 18:00: Major Topics in Hereditary Genitourinary and Gynecological Cancers
16:00–16:30	30 min	Hereditary genitourinary cancers: risk stratification, prevention & treatment Dr. med. S. Schmid, Luzerner Kantonsspital LUKS, Luzern
16:30–17:00	30 min	Surgical management of hereditary genitourinary cancers Prof. Dr. med. A. Gallina, Ospedale Regionale di Lugano, EOC, Lugano
17:00–17:30	30 min	Strategies for managing and treating hereditary gynecological cancers Dr. med. M. Nerone, Oncology Institute of Southern Switzerland, EOC/IOSI, Bellinzona
17:30–18:00	30 min	Q/A and Case Presentation Workshop moderated by Dr. med. M. Nerone, Oncology Institute of Southern Switzerland, EOC/IOSI, Bellinzona
18:30		Apéro Followed by Dinner

*Program subject to changes

Saturday, 27th September 2025

08:15 – 08:30	15 min	Introduction to the second day of the course Dr. med. R. Graffeo, Oncology Institute of Southern Switzerland, EOC/IOSI, Bellinzona
Session 1		8:30 – 10:30: Hereditary Hematologic Malignancies and Cancer Syndromes
08:30 – 09:00	30 min	Management of hereditary paragangliomas & pheochromocytomas PD Dr. med. S. Bilz, Clinic for Endocrinology, Osteology and Metabolic Diseases, Kantonsspital, St. Gallen
09:00 – 09:30	30 min	Familial Lymphoma and Genetic Predisposition Prof. Dr. med. U. Novak, Inselspital, University of Bern
09:30 – 10:00	30 min	Understanding genodermatoses with cancer predisposition: <i>CDKN2A</i> & more PD Dr. med. C. Mangas, Dermatology Department, Oncology Institute of Southern Switzerland, EOC/IOSI, Bellinzona
10:00 – 10:30	30 min	Discussion and Q&A / Coffee Break
Session 2		10:30 – 12:45: Multidisciplinary Coordination of Care: Ethical, Psychological, Hormonal Considerations and Pregnancy in Hereditary Syndromes
10:30 – 11:00	30 min	Ethical, legal, social, insurance issues in cancer genetics PD Dr. M. Fadda, Università della Svizzera italiana, USI Lugano
11:00 – 11:30	30 min	Psychosocial and family dynamics in hereditary cancer syndromes Dr. psych. M. Provantini, Minotauro, Milan, Italy
11:30 – 12:00	30 min	Guiding patients through reproductive and hormonal considerations in hereditary predisposition syndromes Prof. Dr. med. C. Leo, Kantonsspital, Baden
12:00 – 12:30	30 min	Issues young <i>BRCA</i> carriers with breast cancer may have about fertility and pregnancy Prof. Dr. med. M. Lambertini, IRCCS Ospedale Policlinico San Martino, University of Genova, Genova, Italy
12:30 – 12:45	15 min	Discussion and Q&A
12:45 – 13:45	60 min	Lunch
Session 3		13:45 – 14:45: Case Presentation Workshop
13:45 – 14:15	30 min	New developments in hereditary hematological cancers Prof. Dr. med. D. Rossi, Oncology Institute of Southern Switzerland, EOC/IOSI, Bellinzona
14:15 – 14:45	30 min	Q/A and Case Presentation Workshop moderated by Dr. med. M. Nerone, Oncology Institute of Southern Switzerland
14:45 – 15:00	15 min	Course Evaluation

CONTACT

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REGISTRATION

www.swisscancerinstitute.ch/genetic

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