



Stem Cell Transplantation in Childhood Biotechnological Advances

ETHICAL ISSUES AND WORLDWIDE EQUAL ACCESS

ONLINE FROM

30 December 2020 TO **30 June 2021**

Scientific Director : Prof. Franco Locatelli

RATIONALE

Allogeneic hematopoietic stem cell transplantation (HSCT) is a curative treatment for pediatric patients with many hematological diseases. The indications for HSCT in children are well defined for acute leukemia, as well as for patients with non-malignant disease. HSCT from HLA-identical sibling or unrelated donors, such as new techniques of graft manipulation using haploidentical donor graft, provides a high chance of cure for those patients. The field of HSCT is rapidly evolving with the possibility to perform targeted immunotherapy with CAR-T cells for acute lymphoblastic leukemia, B-cell lymphomas and solid tumors. More recently, the first results of gene therapy for hereditary diseases, open new perspectives of treatment for patients with thalassemia, sickle cell disease, primary immune-deficiencies and metabolic disorders

GOALS

The meeting will address all the relevant aspects of indication and results of HSCT in pediatric population, focusing on new insights on gene therapy for hereditary diseases, as well as on the newest results obtained through approaches of immunotherapy. Ethical and regulatory aspects related to these new therapies will be discussed, as well.

Recognized, outstanding international leaders will deliver the main lectures, but also high-level research talks selected from the best abstracts submitted by attendees will be presented.

SCIENTIFIC PROGRAMME

Welcome to participants and opening remarks
F. Locatelli

45 min. Gene therapy of stem cells for inherited, rare neurological disorders - **A. Biffi**

45 min. Gene therapy in hemoglobinopathies
F. Locatelli

45 min. Immunotherapy approaches in stem cell transplantation - **L. Moretta**

45 min. Current indications of stem cell transplantation in children - **P. Bader**

45 min. Resistance to CAR T immunotherapy in hematologic malignancies - **M. Ruella**

CME questionnaire

FACULTY

Alessandra Biffi

University Of Padova - **Padova, Italy**

Peter Bader

University Hospital Frankfurt, Dep. for Children and Adolescents - **Frankfurt, Germany**

Franco Locatelli

Department of Pediatric Onco-Hematology and Transfusion Medicine, Ospedale Pediatrico Bambino Gesù - **Rome, Italy**

Lorenzo Moretta

Ospedale Pediatrico Bambino Gesù - **Rome, Italy**

Marco Ruella

University of Pennsylvania, Medicine, Hematology-Oncology, Philadelphia
Philadelphia, USA

INFORMATION

A cutting-edge educational e-platform, top-notch scientific contents with a Board dedicated to the digital training, Collage proposes the "Digital Education" method, as a tool for e-learning to obtain CME credits by participating in the courses in total freedom and independence of time, place and device.



**THE IDEAL TOOL FOR E-LEARNING
CME TRAINING, ACCESSIBLE FROM
ANY DEVICE (PC - SMARTPHONE - TABLET)**



**PARTICIPATION IN THE COURSES IN TOTAL FREEDOM
AND INDEPENDENCE OF TIME, PLACE AND DEVICE**



**SIMPLE AND INTUITIVE
NAVIGATION PROCEDURES**



**TOP-NOTCH SCIENTIFIC CONTENTS WITH A BOARD
DEDICATED TO THE DIGITAL TRAINING**

HOW TO PARTICIPATE

■ CONNECT TO:

**ITALIAN PARTICIPANT
(ECM)**

**CLICK
HERE**

or link: <https://fadcollage.it/event/901/showCard>

**FOREIGN
PARTICIPANT**

**CLICK
HERE**

or link: http://international.collage-spa.it/stem_cell_transplantation/

(registration will open on **30 December, 2020**)

■ ACCESS THE E-LEARNING PLATFORM

Follow the instructions, step-by-step, suggested by the system and from the emails you will receive. The event is set up by several steps to be completed in sequence in order to obtain ECM credits recognized by Age.na.s.

■ CREATE YOUR ACCOUNT AND LOG IN

You are required to create your account only the first time and it is essential to be able to request to participate in the course. Once finished this operation you can login by entering your e-mail address and your password from any internet point.

■ REGISTRATION

By following the online procedure you will be able to register for the course.

■ LEARNING

You will have access to the training course and the e-library at any time. You are simply required to log in with the username (e-mail address) and password chosen during the creation of your account.

■ EVALUATION AND PERCEIVED QUALITY

Upon completion of the e-learning course you will be required to fill-in the "CME evaluation questionnaire" and allowed to do as many attempts as you wish. Please note that credits will be granted to those who will answer 75% correctly. To conclude the procedure you will be asked to fill-in the "perceived quality" questionnaire.

■ CERTIFICATES OF PARTICIPATION AND CME CERTIFICATES

In "My panel" area you will be able to view and download the participation certificates related to the e-learning courses you completed. The relevant certificate granting the CME credits will be downloadable after checking the requirements of participation of the "CME evaluation questionnaire" results and compilation of the form detecting the perceived quality. The data provided at the time of registration will be processed in full compliance with the new EU regulation on Privacy (GDPR - EU 2016/679).

SCIENTIFIC INFORMATION

■ **C.M.E. CONTINUING MEDICAL EDUCATION** Collage S.p.A. (Provider n. 309) has included the Meeting in the Educational Plan 2020/2021 C.M.E. ref.: 309-309846.

The Course will be suited for **Physicians, Biologists, Medical Lab Technicians** (Allergy and Clinical Immunology, Anesthesiology, Hematology, Infectivology, Oncology, Pediatrics, Transfusion Medicine, Microbiology, Virology, Biotechnology). The course provides **3 C.M.E. credits** (only for Italian participants).

In order to obtain C.M.E. credits, participants must:

- Belong to the accredited Medical Profession and Specialties related to this Meeting
- Complete the CME evaluation questionnaire which is guaranteed by the detection of the operations recorded by the system
- The CME evaluation questionnaire must be carried out after the end of the course
- The questionnaire can be repeated several times and will be considered successful at the correct completion of 75% of the proposed questions
- The provider will carry out specific verification of the (HCP) Healthcare Professional's identity

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Organizing Secretariat and C.M.E. Provider

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