



Organisational, technical and clinical aspects of cord blood banking

(Coordinators: A. Iacone, J. Garcia, P. Wernet, T. Bonfini, P. Rebullà)

Residential Course

Pescara - Italy, 11-15 November 2009

(in cooperation with: *The International Netcord Organization, Eurocord, Pescara Teaching Hospital*)

Wednesday, 11/11/2009

Evening: Arrival at the Hotel (Dinner)

Thursday, 12/11/2009

Morning: Introduction to cord blood banking

8,30 - 9,00 *Opening of the course* (Coordinators). **Presentation of participants**
 9,00 - 9,30 Current results and future of cord blood transplant (*E. Gluckman*)
 9,30 - 10,00 Public cord blood banks worldwide and Netcord organisation (*J. Garcia*)
 10,00 - 10,30 Autologous versus allogenic cord blood banking programmes (*Y. Beguin*) 10,30 Coffee-break
 11,00 - 11,20 Sibling cord blood banking (*P. Saracco*)
 11,20 - 11,50 International regulations (*D. Fehily*)
 11,50 - 12,30 *Faculty roundtable and general discussion* 12,30 Lunch

Thursday, 12/11/2009

Afternoon: Cord blood banking: organisation and standards

14,00 - 14,30 Cord blood bank organisation (*A. Iacone*)
 14,30 - 15,00 Cost of cord blood banking (*P. Rebullà*)
 15,00 - 15,30 Establishing a national cord blood inventory (*S. Querol*)
 15,30 - 16,00 Perspectives of accreditation in cord blood banking (*G. Grazzini*) 16,00 Coffee-break
 16,30 - 17,00 Cord blood banking and transplantation in the Czech Republic (*P. Kobylka*)
 17,00 - 17,30 Cord blood banking and transplantation in Russia (*S. Kiselev*)
 17,30 - 18,00 Cord blood banking programme in Brazil (Brasil-Cord) and Latin America (*L. Bouzas*)
 18,00 - 18,30 NetCord-FACT standards (*J. Garcia*)
 18,30 - 19,00 *Faculty roundtable and general discussion* 20,30 Dinner

Friday, 13/11/2009

Morning: Cord blood banking: quality, equipment and personnel

8,30 - 9,00 Cord blood collection facility (*T. Bonfini*)
 9,00 - 9,30 Processing facility (*R. Saccardi*)
 9,30 - 10,00 Cord blood bank quality management (*L. Lecchi*)
 10,00 - 10,30 Inventory management (*S. Querol*) 10,30 Coffee- break
 11,00 - 11,20 Data management in cord blood banking (*R. Saccardi*)
 11,20 - 11,40 The Concordia inter-territorial Programme (*M. Torrabadella*)
 11,40 - 12,30 *Faculty roundtable and general discussion* 12,30 Lunch

Friday, 13/11/2009

Afternoon: Cord blood donation

14,00 - 14,30 Promotion and recruitment of cord blood donation (*T. Bonfini*)
 14,30 - 15,00 Ethical issues and informed consent (*C. Petrini*)
 15,00 - 15,30 Criteria for donor selection (*C. Navarrete*)
 15,30 - 16,00 Criteria for infant donor evaluation (*P. Saracco*) 16,00 Coffee-break
 16,30 - 17,00 Ethnic diversities of cord blood inventory (*C. Navarrete*)
 17,00 - 17,30 Maternal, neonatal and collection factors influencing cord blood content (*P. Saracco*)
 17,30 - 18,00 Collection procedures and short-term storage (*T. Bonfini*)
 18,00 - 19,00 *Faculty roundtable and general discussion* 20,30 Dinner

Saturday, 14/11/2009

Morning: Cord blood processing and storage

8,30 - 8,50 Packaging and transportation to the cord blood bank facility (*E. Baudoux*)
 8,50 - 9,20 Cord blood processing (*E. Baudoux*)
 9,20 - 9,50 Cryopreservation and storage, validation and quarantine (*M. Torrabadella*)
 9,50 - 10,10 Cord blood unit assays (*L. Lombardini*)
 10,10 - 10,30 Maternal donor screening (*S. Pupella*) 10,30 Coffee-break
 11,00 - 11,30 HLA typing and compatibility (*N. Sacchi and S. Pollichieni*)
 11,30 - 11,50 Donor follow-up and long-term storage (*C. Navarrete*)
 11,50 - 12,30 *Faculty roundtable and general discussion* 12,30 Lunch

Saturday, 14/11/2009

Afternoon: Cord blood selection and clinical outcome

14,00 - 14,30 Cord blood unit release (*S. Giovanelli*)
 14,30 - 15,00 Search and selection for a suitable cord blood unit (*C. Navarrete*)
 15,00 - 15,20 The telematic search and allocation through a Global Cord Blood Registry: the NetCord/NMDP-Approach (*P. Wernet*)
 15,20 - 15,50 Clinical and outcome data in adults (*W. Arcese*)
 15,50 - 16,20 Outcome of cord blood transplant in children (*F. Locatelli*) 16,20 Coffee-break
 16,50 - 17,20 Eurocord results (*V. Rocha*)
 17,20 - 17,50 The biomedical potential of cord blood (*P. Wernet*)
 17,50 - 18,20 Future of cord blood banking (*P. Rebullà*)
 18,20 - 18,50 *Faculty roundtable and general discussion*
 18,50 - 19,00 **Closing remarks. Conclusion of the course** 21,00 Social Dinner

Sunday, 15/11/2009

Morning: Departure from the Hotel

Course venue: Meeting room of the Sea Lion Hotel, where participants will be hosted (see below)

Hotel accommodation at: Sea Lion Hotel, Viale Aldo Moro 65, I-65016 Montesilvano (PE) - Italy

Tel.: + 39 085 4492736, Fax: + 39 085 4492738; email: commerciale@sealionhotel.com; website: www.sealionhotel.com

Faculty members

Antonio Iacone (co-Coordinator), Director, Transfusion Medicine Dept., Ospedale Civile di Pescara, Pescara, Italy; **Joan García** (co-Coordinator), Director, Advanced Therapy Division, Banc de Sang i Teixits; Associate Director, Chair of Transfusion Medicine and Cell and Tissue Therapies, Autonomous University of Barcelona; President, International Netcord Organization; Barcelona, Spain; **Peter Wernet** (co-Coordinator), Director, Institute for Transplantation Diagnostic and Cell Therapeutics - ITZ, University Medical Centre, Düsseldorf, Germany; **Tiziana Bonfini** (co-Coordinator), Medical Director, Pescara Cord Blood Bank, Transfusion Medicine Dept., Ospedale Civile di Pescara, Pescara, Italy; **Paolo Rebullà** (co-Coordinator), Director, Centre of Transfusion Medicine, Cellular Therapy and Cryobiology, Dept. of Regenerating Medicine, IRCCS - Ospedale Maggiore Policlinico, Milano, Italy; **William Arcese**, Director, U.O.C. Stem-Cell Transplant, Policlinico Tor Vergata, Roma, Italy; **Etienne Baudoux**, Director, Liège Cord Blood Bank, Dept. of Haematology, University of Liège, Liège, Belgium; **Yves Beguin**, Medical Director, Liège Cord Blood Bank, Dept. of Haematology, University of Liège, Liège, Belgium; **Luis Fernando Bouzas**, BMT Unit and Registries Director, BrasilCord Coordinator, INCA/MS, Brazil; **Deirdre Fehily**, Inspector and Technical Advisor, Tissues and Cells, Italian National Transplant Centre, National Institute of Health - ISS; Co-ordinator EUSTITE Project; Roma, Italy; **Silvia Giovanelli**, Assistant, Milano Cord Blood Bank, IRCCS - Ospedale Maggiore Policlinico, Milano, Italy; **Eliane Gluckman**, Professor of Haematology; President, Eurocord, Hôpital Saint-Louis; Paris, France; **Giuliano Grazzini**, Director, Italian National Blood Centre, National Institute of Health - ISS, Roma, Italy; **Sergey Kiselev**, Head, Stem-Cell Biology Department, Vavilov Institute of General Genetics, Russian Academy of Sciences, Moscow, Russia; **Petr Kobylka**, Head, Dept. of Cell Therapy and Cord Blood Bank of Czech Republic, Institute of Haematology and Blood Transfusion, Prague, Czech Republic; **Lucilla Lecchi**, Technical Director, Milano Cord Blood Bank, IRCCS - Ospedale Maggiore Policlinico, Milano, Italy; **Franco Locatelli**, Director, Paediatric Clinic, Università di Pavia, IRCCS - Policlinico San Matteo, Pavia, Italy; **Letizia Lombardini**, Responsible for Haemopoietic Stem-Cell Transplantation, Italian National Transplant Centre, National Institute of Health - ISS, Roma, Italy; **Cristina Navarrete**, National Director, Histocompatibility and Immunogenetics (H&I); Director, British Bone Marrow Registry (BBMR); Scientific Director/Deputy Director, NHS Cord Blood Bank (NHS-CBB); London, Great Britain; **Carlo Petrini**, Responsible for Bioethics Unit, Office of the President, National Institute of Health - ISS, Roma, Italy; **Simona Pollichieni**, Assistant Director, Italian Bone Marrow Donor Registry - IBMDR, Ospedali Galliera, Genova, Italy; **Simonetta Pupella**, Responsible for Blood Safety, Italian National Blood Centre, National Institute of Health - ISS, Roma, Italy; **Sergio Querol**, Head, Cord Blood Services, Anthony Nolan Cord Blood Bank, London, Great Britain; **Vanderson Rocha**, Medical Director, Eurocord, Hôpital Saint-Louis, Paris, France; **Riccardo Saccardi**, Medical Director, Firenze Cord Blood Bank, Dept. of Haematology, Policlinico Careggi, Firenze, Italy; **Nicoletta Sacchi**, Director, Italian Bone Marrow Donor Registry - IBMDR, Ospedali Galliera, Genova, Italy; **Paola Saracco**, Torino Cord Blood Bank, Ospedale S. Anna, Torino, Italy; **Marta Torrabadella**, Medical Director, BST Cord Blood Bank (Barcelona), Hospital Duran i Reynals, Hospitalet, Barcelona, Spain.

PRACTICAL INFORMATION

Applications should ordinarily be sent **as soon as possible**. The deadline is **20/09/2009**. Applications may be accepted, in **extreme** cases, until the 20/10/2009. **Early application is strongly advisable** to ensure adequate hotel reservation.

Notification of the registration with full practical information will follow in due course.

The fee of **980 Euro** (single room), or of **900 Euro** (shared double room, **accepted only with the indication of the sharing participant**), includes board and lodging from **Wednesday 11/11/2009 night** (dinner included) to **Sunday 15/11/2009 morning** (breakfast included), and covers accommodation at the hotel, the meals during the course, the Proceedings and other didactic material, the cost (travel, board and lodging) of the participation of teachers, and the ESTM organisational expenses for the preparation of the course. Travel expenses are at the charge of participants. Participants **from Pescara**, not booking hotel accommodation (bed and breakfast), will pay a **reduced fee of 700 Euro**.

The registration fee includes a book of Proceedings of the course, to be distributed at the beginning of the course, and an attendance certificate, to be delivered at the end of the course.

Knowledge of English is useful. Simultaneous translation to and from Italian will be available.

The ESTM courses have been approved by the Royal College of Pathologists of London as being appropriate for Continuing Medical Education (CME) purposes, *at the rate of 1 CME credit per hour*.

Application is also being made for accreditation by the European Council for Accreditation in Haematology of the European Haematology Association (ECAH/CME): based on the experience of the previous ESTM courses, we expect the answer to be given before the beginning of the course.

A request for ECM credits for Italian participants will be submitted to the "National Committee for Continuing Education in Medicine" of the Italian Ministry of Health.

Payment of the registration fee should be made:

- through **bank transfer** to the "ESTM" (account n. **49/36561, Credito Artigiano, C.so Magenta 59, 20123 Milano - Italy; IBAN code: IT 62 Y0351201614000000036561; SWIFT Code: ARTI IT M2**): all bank expenses must be covered by the participant,
- or by "**non transferable**" **bank cheque in Euro** (for participants from the European Union), or **international cheque**, drawn to "ESTM" and sent by mail, together with the application form, to:

ESTM, Viale Beatrice d'Este 5, I-20122 MILANO, Italy - Tel. +39/02/58.31.65.15 - Fax +39/02/58.30.81.11.

Registrations without payment, or evidence of payment, will not be accepted.

The number of participants is foreseen in 100. In case the number of applications should exceed the number of available places, a selection of applications may be made on the basis of the chronological order of arrival and the judgement of the course coordinators.

The course is subject to cancellation, owing to causes beyond control, or in the unlikely case that the required minimum number of registrations should not be reached. In this case, a written notification of the cancellation will be sent to all registrants before the course, with full refund.

Requests of cancellation received up to 2 months before the beginning of the course entitle to a full refund. A charge of 25% will be made for requests of cancellation received between 60 and 30 days before, and of 50% between 29 days and 10 days before the beginning of the course. Cancellations received less than 10 days before the beginning of the course will not be reimbursed. All requests of cancellation must be done in written, signed and sent by fax and/or e-mail transmission. All reimbursements will be dealt with after the end of the course.

APPLICATION FORM

(to be filled and sent to the ESTM by fax - +39/02/58.30.81.11 - and/or e-mail - estm.secretariat@estm.info).

Family name..... First name.....

Institute.....

Address..... Town..... Postal code.....

Country..... Tel..... Mobile tel.

Fax..... E-mail

I APPLY FOR PARTICIPATION TO THE ESTM RESIDENTIAL COURSE (11-15 November 2009): " *Organisational, technical and clinical aspects of cord blood banking* "

- I include a copy of a **bank transfer** to the ESTM of
(all bank expenses must be covered by the participant)
 - 980 Euro** (single room), or
 - 900 Euro** (shared double room: accepted only with the indication of the sharing participant)
 - 700 Euro** (*participants from Pescara, not needing hotel accommodation*)

(account n. **49/36561**, **Credito Artigiano**, C.so Magenta 59, I-20123 Milano (Italy); IBAN code: **IT 62 Y035120161400000036561**; SWIFT code: **ARTI IT M2**)

- I include a "non transferable" **bank cheque in Euro**
(for participants from the *European Union*),
or **international cheque**, drawn to "ESTM" of
 - 980 Euro** (single room), or
 - 900 Euro** (shared double room: accepted only with the indication of the sharing participant)
 - 700 Euro** (*participants from Pescara, not needing hotel accommodation*)

INFORMATION ABOUT ARRIVAL

Means of transportation plane (flight number:) bus train car

Date Time

Will follow later, as soon as possible.

NOTES OR COMMENTS TO THE ESTM

Empty box for notes or comments to the ESTM.