European Reference Networks | Exchange Programme 2021-2022

Funded by the Health Programme of the European Union

ECORYS Answering tomorrow's challenges today

ERN-EUROBLOODNET EXCHANGE PROGRAM

European Reference Network for rare or low prevalence complex diseases
Network Hematological Diseases (ERN EuroBloodNet)

CALL FOR PARTICIPANTS

For ERN-EuroBloodNet members and Affiliated Partners

TO CONTINUING MEDICAL EDUCATION PROGRAM:

RARE HEREDITARY HEMOLYTIC ANEMIA IN LABORATORIES

PRECEPTORSHIP

Foundation IRCCS Ca'Granda Ospedale Maggiore Policlinico, Milan (Italy)

Coordinated by Dr Giovanna Graziadei

October 10th – 12th 2022

The ERN Exchange Mobility Program is coordinated by Ecorys Agency and aims to organize short stays in ERN's Health Care Providers for disseminating expertise on Rare Diseases among Network's members. In order to improve cutting-edge knowledge on Rare Hematological Diseases (RHD), ERN-EuroBloodNet is launching a call for **ERN-EuroBloodNet Members and Affiliated Partners** for attending a preceptorship program held in one highly specialized center for: **Rare Hereditary Hemolytic Anemia in laboratories**.

Highly specialized centers that will host the preceptorships are chosen across Europe and represent the excellence in RHDs field at international level. Indeed, centers have been chosen among ERN-EuroBloodNet HCPs members.

Very often Rare Anemias are undiagnosed or misdiagnosed, causing severe consequences as: stress and anxiety in patients and their families, the impossibility of conducting a good quality life, to receive an appropriate treatment and to screen the population for pregnancies. Rare Hemolityc anemia could require for its identification highly specialized diagnosis through laboratory diagnostic test and clinical manifestations.

A correct diagnosis means to prescribe the most adequate treatment for a patient.

A ERN mobility program would be addressed to the classifications, genetics, pathophysiology, clinical presentation, laboratory investigations including rational steps of diagnosis and therapy of Rare Anemias

3rd educational program on Rare Hemolityc Anemia in Laboratories

ERN-EuroBloodNet Foundation IRCCS Ca'Granda Ospedale Maggiore Policlinico, Milan, Italy

1. PEDAGOGICAL PROJECT

Context

From theory to laboratory practice, from phenotype to genotype for hereditary hemolityc anaemias (haemoglobinopathies, RBC membrane pathologies and enzymopathies).

Educational objectives

1. Acquire the theoretical and practical basis for the use of diagnostic tools and follow-up of patients with suspected hemoglobinopathies, porphyrias and RBC membrane defects and defects of RBC metabolism.
2. Know the genetic diagnostic and monitoring tools, their limitations and the interpretation of the results, from RBC morphology to molecular analysis and functional tests
3. Be able to propose a change in his/her own laboratory, to make adaptations or to propose that analyses in a particular field be sent to a reference center
4. Propose a rational approach/algorithm for congenital hemolytic anemias and iron metabolism defects based on national/international recommendations with particular attention to differential diagnosis with acquired/rare and very rare hemolytic anemias

Contextualised teaching (practical experience)

Introductory theoretical part: joint clinic-biological interactive presentation (3h subdivide into 3 days). Practical experience into the laboratory practice (alongside the technologist, biologist, geneticist) and explanation of local technological choices in relation to market possibilities; or learning to reason on the basis of clinical cases allowing to approach the different hemolytic anemias and porphyrias.

2. PRACTICAL INFORMATION

From October 10th – 12th (3 days)

Host Center

Foundation IRCCS Ca'Granda Ospedale Maggiore Policlinico, Milan, Italy

UOS Medicina Interna and UOS Fisiopatologia delle Anemie

Number of participants 4

Coordinated by Dr Giovanna Graziadei

Teachers

UOS Malattie Rare Internistiche

- Dr Giovanna Graziadei
- Dr Elena Di Pierro
- Prof. Irene Motta
- Dr Cristina Curcio
- Dr Elena Cassinerio
- Dr Margherita Migone De Amicis
- Dr Francesca Granata
- Dr Valentina Brancaleoni
- Dr Lorena Duca
- Dr Isabella Nava

UOS Fisiopatologia delle Anemie

- Dr Paola Bianchi
- Dr Elisa Fermo
- Dr Anna Marcello
- Dr Cristina Vercellati
- Dr Anna Zaninoni
- Prof. Wilma Barcellini
- Dr Bruno Fattizzo

Programme

Day 1: Hemoglobinopathies

- 9-30 – 12-30

3h: Clinical approach (1h) – laboratory tools and genetic testing (2h)

- 14-30 – 17-30

3h: Laboratories tools and clinical cases and integration in decisions algorithms, tip and tricks, recommendations

Day 2: Membrane Defects and Erythroenzimopathies

- 9-30 – 12-30

3h: Clinical approach – Differential diagnosis (1h) – laboratory tools and genetic testing (2h)

- 14-30 – 17-30

3h: Laboratories tools and clinical cases and integration in decisions algorithms, tip and tricks, recommendations

Day 3: Porphyrias

- 9-30 – 12-30

3h: Clinical approach (1h) – laboratory tools and genetic testing (2h)

- 14-30 – 17-30

3h: Laboratories tools and clinical cases and integration in decisions algorithms, tip and tricks, recommendations

3. PROFILE OF PARTICIPANTS

This preceptorship will bring together a maximum of **4 participants**

- Participants must be affiliated to a HCP member or Affiliated partner of ERN-EuroBloodNet. In the selection, the priority will be given to the permanent staff of the health care provider.
- Interest in developing their medical competences in the clinical area of Rare Hereditary hemolityc anaemia
- In a position to follow-up the preceptorship with education projects and activities on medical education.
- Available for the whole duration of the preceptorship.
- English speaker.

4. SELECTION PROCEDURE

To participate at this call, candidate must:

a. **Fulfill the application form available at www.eurobloodnet.eu or in attachment of this email**
b. Edit a Curriculum vitae et studiorum
c. Write a cover letter
d. Send the application form, the currilucum vitae et studiorium and the cover letter to: Dr Christel Buelens (christel.buelens@ulb.be;) and write as object of the email: "Candidature to ERN-EuroBloodNet preceptorships Rare Hereditary Hemolityc Anemia in Laboratories". If you don't get the confirmation of the receipt within few days, please write again.

- It is mandatory to send the candidature by the **20th September** at midnight (CET time)
- A jury among ERN-EuroBloodNet members has been established in order to selects participants.
- Gender and geographical balance will be taken into account when making the selection of the group, along with the meritocracy of the CV and the motivations expressed in the cover letter.

5. COSTS COVERAGES

ERN EuroBloodNet via Ecorys Agency is in charge to cover the costs for travel and accommodation of participants. It includes daily allowance to cover subsistence, accommodation, and travel insurance for professional that travels

For any additional information, please write to christel.buelens@ulb.be

If you are interested in participate to ERN-EuroBloodNet educational formation but your profile does not fully correspond to the requirements of this call for participants, please note that the ERN-EuroBloodNet will organize other preceptorships on the same topic after summer break.