

# ERN-EUROBLOODNET EXCHANGE PROGRAM



## CALL FOR PARTICIPANTS

**For ERN-EuroBloodNet Members and Affiliated Partners**

**TO CONTINUING MEDICAL EDUCATION PROGRAM:**

**RARE HEREDITARY HEMOLYTIC ANEMIA**

**PRECEPTORSHIP**

**HCP CUB-Hôpital Erasme / LHUB-ULB, Brussels, Belgium**

**Coordinated by Prof. Béatrice Gulbis**

**December 19 – 22, 2022**

The ERN Exchange Mobility Program is coordinated by [Ecorys Agency](#) and aims to organize short stays in ERN's Healthcare Providers (HCPs) 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. Hemolytic rare 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.

## **2<sup>nd</sup> educational program on Rare Hemolytic Anemia in Laboratories**

### **HCP CUB-Hôpital Erasme/ LHUB-ULB Brussels, Belgium**

#### **1. PEDAGOGICAL PROJECT**

##### **Context**

From theory to laboratory practice, from phenotype to genotype for hereditary hemolytic anemias (hemoglobinopathies, Red Blood Cell 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 hereditary hemolytic anemia.
2. Know the diagnostic and monitoring tools, their limitations and the interpretation of the results.
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 centre.
4. Propose a rational approach/algorithm to a hemolytic anemia based on national/international recommendation.

## Contextualised teaching (practical experience)

- Introductory theoretical part/reminders: Joint clinico-biological presentation max. 2 h and by theme according to the developments of the host laboratory.
- Practical experience
  - Integration into the laboratory practice (alongside the technologist, biologist, geneticist, ...) and explanation of local technological choices in relation to market possibilities.
  - Learning to reason on the basis of clinical cases allowing to approach the different hemolytic anemias.

## 2. PRACTICAL INFORMATION

**From:** December 19 – 22 (4 days)

**Host Center:** HCP [CUB-Hôpital Erasme/ LHUB-ULB Brussels, Belgium](#)

**Number of participants:** 4

**Coordinated by:** [Prof. Béatrice Gulbis](#)

### Teachers

- [Prof. Béatrice Gulbis](#)
- Dr. Pharm Biol Anne-Sophie Adam
- [Prof. Samantha Benghiat](#)
- Prof. Martin Collard
- Dr. Sci Xavier Peyrassol

### Programme

#### 1<sup>st</sup> day: Membranopathies

- 8h30 – 12h30
  - 2h: Clinical approach (1h) – laboratory tools (1h)
  - 3h: Practical approach in the laboratory
- 13h30 – 17h30
  - Clinical cases and integration in decisions algorithms, tip and tricks, recommendations available

**2<sup>nd</sup> day: Enzymopathies**

- 8h30 – 12h30
  - 2h: Clinical approach (1h) – laboratory tools (1h)
  - 3h: Practical approach in the laboratory
- 13h30 – 17h30
  - Clinical cases and integration in decisions algorithms, tip and tricks, recommendations available

**3<sup>rd</sup> day: Haemoglobinopathies – first- and second-line tests**

- 8h30 – 12h30
  - 2h: Clinical approach (1h) – laboratory tools (1h)
  - 3h: Practical approach in the laboratory
- 13h30 – 17h30
  - Clinical cases and integration in decisions algorithms, tip and tricks, recommendations available

**4<sup>th</sup> day: Hemolytic anemia – Genetic tests**

- 8h30 – 12h30
  - 2h: techniques available and their places
  - 3h: practical approach in the laboratory
- 13h30 – 16h30
  - Clinical cases: from simple cases to mendeliome.

**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 hemolytic anemia**.
- 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](http://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 curriculum vitae et and the cover letter to: Dr Christel Buelens ([christel.buelens@ulb.be](mailto:christel.buelens@ulb.be);) and write as object of the email: “Candidature to ERN-EuroBloodNet preceptorships “**Rare Hereditary Hemolytic 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 **7<sup>th</sup> November** at midnight (CET time)
  - A jury among ERN-EuroBloodNet members has been established in order to select 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](mailto: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.*