

Titre: Human Genetics and Hematology

Head: Laurent GOUYA & Yves COLIN ARONOVICZ

Effectives: 20

Language: English

Prerequisites:

Where?

*FACULTE Paris
site Bichat*

When?

September/October ?(TBD)

Evaluation:

Questions:

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Number ECTS:

Total numbers of hours:

26

Teaching format:

Conferences

Teaching objectives

- Understand the molecular basis of normal and pathological erythropoiesis and deduce new therapeutic approaches
- Understanding the links between Human pathologies with blood groups and abnormal red blood cell membrane
- Uncover the molecular basis of iron metabolism
- Understanding penetrance modulation in erythropoietic porphyrias

Article presentation & final exams

Teaching outline

- *Hemoglobinopathies*
- *Red Cell Membrane*
- *Blood Groups*
- *Genetics of iron metabolism*
- *Genetics of erythropoietic Porphyrias*
- *Gene therapy for the haemoglobinopathies*