

The Biogenesis of Iron-Sulfur Proteins: from Cellular Biology to Molecular Aspects



2nd FeSBioNet Training School, September 10th-14th 2018, Grenoble, France CEA Grenoble, Université Grenoble Alpes, CNRS

Hands-on training school

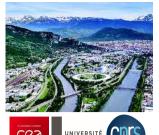
Multidisciplinary approach for the understanding of FeS protein biogenesis

On behalf of the Cost Network, we would like to invite you to attend this Hands-on Training school, that aims at providing an overview of the main challenges in studying Fe-S biogenesis processes. We offer unique expertise in structural approaches for the study of Fe-S clusters.

Scope:

- ◆ Fundamental knowledge and hands-on experience in genetic manipulation, biophysical characterizations (EXAFS, SAXS), spectroscopic analyses (Mössbauer & Electron Paramagnetic Resonance) and structural studies (X-ray crystallography & electron microscopy)
- This hands-on course includes seminars, practical sessions and a visit of the European Synchrotron Radiation Facility
- 16 places will be available for FeSBioNet participants







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PROGRAM/Lectures

- Crystallography of metalloproteins
- Biophysical technics: SAXS, EXAFS
- Mössbauer and EPR on Fe-S clusters
- Paramagnetic NMR
- **Electrochemistry of Fe-S**
- Genetics on Fe-S metabolism
- Electron microscopy

Hands-on-sessions

- Crystallography of metalloproteins
- Genetic tools
- Mössbauer and EPR spectroscopy
- Electron microscopy
- X-Ray data collection
- Metal content determination
- Biophysical technics

Arrival- 9 September (Sunday evening) Departure- 14 September (Friday after lunch)

Day 1	Day 2	Day 3	Day 4	Day 5
Lectures	Hands-on-sessions	Lectures	Hands-on-sessions	Lectures
		Lunch		
Lectures	Hands-on-sessions	Hands-on-sessions	ESRF Visit	Donarturo
Poster session	Hallus-Oll-Sessiolis	Poster session	ESNF VISIL	Departure



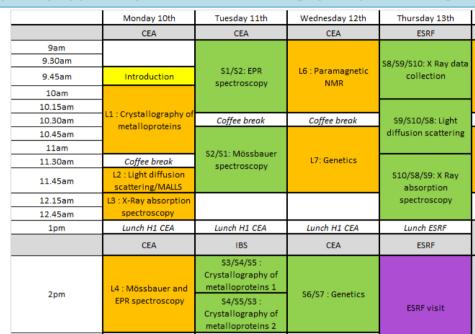
UNIVERSITÉ

COST CA15133

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Coffee break

S5/S3/S4: Electron

microscopy

Lecturers

L1: Juan Fontecilla-Camps, IBS, Grenoble, France

L2 : Julien Pérard, BIG, Grenoble, France

L3 : Giulia Veronesi, BIG, Grenoble, France

L4 : Geneviève Blondin, BIG/ Serge Gambarelli, INAC, Grenoble, France

3.30pm

3.45pm

4pm 5.15pm

5.30pm

7pm

Coffee break

L5: Electron

microscopy

Coffee break

Poster session

L5: Irina Gutsche, IBS, Grenoble, France

L6: Lucia Banci, CERM, Florence, Italy

L7: Frédéric Barras, Pasteur Institut, Paris, France

L8: Sheref S. Mansy, University of Trento, Povo, Italy

L9: Christophe Léger, LCB, Marseille, France

Hands-on-sessions

S1: Serge Gambarelli, INAC, Grenoble, France

Coffee break

S7/S6: Metal conten

Coffee break

Poster session

S2: Martin Clémancey, BIG, Grenoble, France

S3: Juan Fontecilla-Camps, IBS, Grenoble, France

S4: Anne Volbeda, IBS, Grenoble, France

S5: Guy Schoehn, IBS, Grenoble

S6: Béatrice Py, LCB, Marseille, France

S7: Julien Pérard/Catherine Gerez, BIG, Grenoble, France

S8: Christine Cavazza and Philippe Carpentier, BIG, Grenoble, France

Free time TS Diner Friday 15th

CEA

L8: Prebiotic

chemistry of Fe/S

Coffee break

L9: Electrochemistry

of Fe/S

Lunch H1 CEA

Departure

S9: Julien Pérard, BIG, Grenoble, France

S10: Giulia Veronesi, BIG, Grenoble, France



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Who can apply and How to apply?

PhD students and young researchers should send the pre-registration form, an abstract, a CV, a letter of intend and a recommandation letter from the supervisor to sollagnier@cea.fr and christine.cavazza@cea.fr, with the email subject 'FeSBioNet Workshop 2018'.

Registration Fees

- COST FeSBioNet participants: 250 euros (include coffee breaks, lunches, TS dinner and classes materials)
- Non COST participants: 300 euros (include coffee breaks, lunches, TS dinner and classes materials)

Important dates

- Application including abstract + CV + letter of intend + recommandation letter, should be sent by email until June 15, 2018.
- Final decision will be made available before **July 5, 2018** (the number of participants is limited).

Grants

- 16 grants will be available for COST Action CA15133 participants:

Trainee Grants: 1000 euros **French Trainee Grant**: 700 euros

Please note that only Registration Fees will be reimbursed to participants from the Grenoble area

- Pre-registration form + CV + abstract + letter of intend + recommandation letter, should be sent for registration.
- Final decision will be made taking into account letter intent + abstract + recommandation letter + CV + country/lab representation (a committee integrating LO and CA coordinator will be organized for this purpose)

Travel and accommodation

Successful candidates are expected to arrange their own travel and accommodation.

Special prices for double room accommodation are available at Hotel Ibis Style, 25 rue Félix Viallet, close to the tramway and downtown (double room accommodation: 294 euros/ person/ 5 nights).

Reservation to Ibis Style Hotel should be made by email to <a href="https://html.ncb.nlm.ncb.n

All information on the TS will be available on the FeSBioNet website: www.fesbionet.eu

Contacts: sollagnier@cea.fr and christine.cavazza@cea.fr; Phone: +33438789122 and +33438789116



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WE ARE HERE





