Online seminars on "Iron-sulfur protein biogenesis" 2021

Organizers: Roland **Lill**, Philipps-Universität Marburg; Frederic **Barras**, Institute Pasteur, Paris

Time: Thursdays at 5 pm (CET; Paris), 11 am (EST; Boston), 8 am (PST; Los Angeles).

Format: Two speakers per date; each with a 30 min talk + 10 min discussion.

The aim of this seminar series is to stimulate the communication within our field during the Corona pandemic. We hope that many colleagues and their labs will attend and discuss.

For technical information on the online meeting and the meeting link, please send an e-mail to **Sven Freibert**: Freibers "at" staff.uni-marburg.de

Programme

February 11, *Chair: Roland Lill*

Dave **Barondeau**, Texas A&M	Architectural swapping for the iron-sulfur cluster biosynthetic complex: a new morpheein
Beatrice **Py**, Marseille	Oxidative stress antagonizes fluoroquinolone drug sensitivity via the SoxR-SUF Fe-S cluster homeostatic axis

March 11, *Chair: Frederic Barras*

Huangen **Ding,** Louisiana	Intracellular iron homeostasis and iron-sulfur cluster biogenesis in *E. coli*
Roland **Lill**, Marburg	Assembly of [2Fe-2S] proteins in eukaryotes

April 8, *Chair: Dennis Dean*

Jeff **Boyd**, Rutgers	A role for YlaN in Fe homeostasis in *Staphylococcus aureus*
Greg **Bokinsky**, Delft	Plug adapters for charging iron-sulfur enzymes in foreign microbes

May 6, *Chair: Sandrine Ollagnier de Choudens*

Patricia **Dos Santos** Wake Forest	2-thiouridine tRNA modification responds to sulfur availability in *Bacillus subtilis*
Silke **Leimkühler**, Potsdam	The requirement of Fe-S clusters for the biosynthesis of the molybdenum cofactor in *Escherichia coli*

June 10, *Chair: Wayne Outten*

Patricia **Kiley**, Madison	Regulation of Fe-S cluster biogenesis in an alpha-proteobacterium
Nicolas **Rouhier**, Lorraine	The role of chloroplastic NFU in the green alga *Chlamydomonas reinhardtii*

July 8, *Chair: Antonio Pierik*

Nick **LeBrun**, Norwich	WhiB family FeS regulators: importance of protein-protein interactions
Pierre-Simon **Garcia**, Paris	History and evolution of Fe-S biogenesis systems in prokaryotes