



## 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.

**Online meeting link:**

<https://uni-marburg.webex.com/uni-marburg/j.php?MTID=mbcd19d64948c3479c55125901ef38c5c>

**Website:** [https://www.uni-marburg.de/en/fb20/departments/cyto/copy\\_of\\_bilder/bilder-lill/fes-test](https://www.uni-marburg.de/en/fb20/departments/cyto/copy_of_bilder/bilder-lill/fes-test)

### 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