

## Program

### 30<sup>th</sup> September

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Chair: **Smilja Todorovic**

**WEST CEST**

**13:15 14:15 Miguel Teixeira | ITQB NOVA**  
*Opening remarks and report on TIMB<sup>3</sup>*

**13:30 14:30 Flash Talks**

**Giovanni Saudino | CIRMMP**

*ISCA1: a Key Player of the [4Fe-4S] Cluster Biosynthesis in the Mitochondrial ISC Assembly Machinery*

**Ana Rita Oliveira | ITQB NOVA**

*Insights on the Role of Selenocysteine on the Properties of W-Sec Formate Dehydrogenase*

**Christian Lorent | TU Berlin**

*A New Experimental Approach for Studying Gas-Converting Metalloenzymes*

**Maria Martins | ITQB NOVA**

*A Highly Complex Flavodiiron NADH: Oxygen Oxidoreductase from the Strict Anaerobe Syntrophomonas wolfei*

**14:20 15:20 Lidia Zucarello | ITQB NOVA**  
*Unravelling the [4Fe4S] Cluster Riddle in Endonuclease III: a Spectroscopic Approach*

TIMB<sup>3</sup> 2<sup>nd</sup> Annual Meeting

## Mini Symposium

### *The Role of Dynamics in Biocatalysis and the Methods to Study it*

**30<sup>th</sup> September**

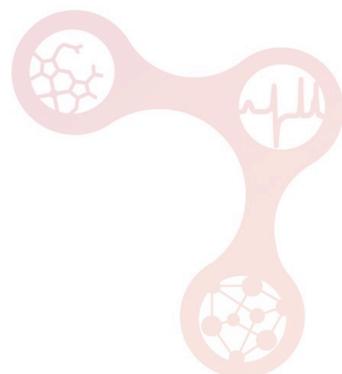
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**Chair: Mario Piccioli**

TIMB<sup>3</sup> 2<sup>nd</sup> Annual Meeting

**WEST    CEST    EDT**

<b>15:30</b>	<b>16:30</b>	<b>10:30</b>	<b>Fabien Ferrage</b>   ENS, PSL Université, CNRS <i>Dynamics in Complex Biological Systems with High-resolution Relaxometry</i>
<b>16:30</b>	<b>17.30</b>	<b>11:30</b>	<b>Break</b>
<b>17.00</b>	<b>18.00</b>	<b>12.00</b>	<b>Judith P. Klinman</b>   University of California, Berkeley <i>Linking Protein Catalysis to Dynamics in Metallo-Proteins</i>



1<sup>st</sup> October

Chair: Ricardo Louro

TIMB<sup>3</sup> 2<sup>nd</sup> Annual Meeting

WEST CEST

13:00 14:00 **Ricardo Soares** | ITQB NOVA

*Evolution of Multiheme Cytochromes Involved in the Nitrogen, Sulfur and Iron Biogeochemical Cycles*

13:20 14:20 **Inês Trindade** | ITQB NOVA

*Unravelling the Mysteries of an Atypical 2Fe2S protein - FhuF a Ferric Siderophore Reductase from E.coli*

13:40 14:40 **Mario Piccoli** | CIRMMP

*Non-systematic Approach for the Sequence-specific Assignments in NMR Spectra of Paramagnetic Systems*

14:00 15:00 **Flash Talks**

**Andreia Pedras** | ITQB NOVA

*The Effect of Metals on the Antifungal Activity of Echinocandins*

**Anáisa Coelho** | ITQB NOVA

*Exploiting the Quinol Oxidase Activity of a Cytochrome Belonging to the NapC/NirT Family in the Neutrophilic Fe(II) Oxidizing Bacterium Sideroxydans lithotrophicus ES-1*

**Jordi Zamarreño** | ITQB NOVA

*Study of Haem Metabolism in Gram Negative Pathogens*



## Mini Symposium

### *The Role of Dynamics in Biocatalysis and the Methods to Study it*

1<sup>st</sup> October

Chair: Ingo Zebger

TIMB<sup>3</sup> 2<sup>nd</sup> Annual Meeting

WEST	CEST	EDT	
15:00	16:00	10:00	<b>Marius Horch</b>   Freie Universität Berlin <i>Enzyme Dynamics - a Vibrational Spectroscopic Perspective</i>
16:00	17:00	11:00	<b>Sharon Hammes-Schiffer</b>   Yale University <i>Proton Coupled Electron Transfer in Enzymes and Photoreceptor – Proteins</i>
17:00	18:00	12:00	<b>Steven D. Schwartz</b>   University of Arizona <i>Protein Dynamics as the Missing Link in Theoretical Enzyme Design?</i>
18:00	19:00	13:00	Concluding Remarks

