

## Session Program

14–16 Jan 2026



## 20th SOLEIL USERS' MEETING - SUM2026

### *PARALLEL SESSION - Biology and health*

Synchrotron SOLEIL  
Main building Principal/0-0 - Salle Amphitheatre

# Thursday 15 January

13:30

## PARALLEL SESSION - Biology and health: Polaris: latest trends and results

Session | Convener: Pierre-Damien Coureux

14:00

14:00

## PARALLEL SESSION - Biology and health: Oral Communications 1 to 4

Session | Location: Synchrotron SOLEIL, Main building Principal/O-0 - Salle Amphitheatre | Conveners: Lorella Pascolo, Paloma FERNANDEZ VARELA

### 14:00–14:25 Structural insights into tecovirimat antiviral activity and poxvirus resistance

Speaker

Riccardo Vernuccio

14:25–14:50

### Tracing Metal Contaminants in Environmental Plastics pellets and Mammalian Tissues Using XRF Mapping at PUMA

Speaker

Dr Alessandra Gianoncelli

14:50–15:15

### Probing the colloidal behavior of polysaccharides-degrading enzyme in a highly constrained model system

Speaker

Hugo Voisin

15:15–15:40

### Small Angle X-ray Scattering Structural Characterization Of Quinones Oxidoreductases $\zeta$ -Crystallins Using SOLEIL Swing Beamline

Speaker

Nicolas Mousnier

15:40

16:10

## PARALLEL SESSION - Biology and health: From tissue to trace: an elemental investigation of bromine in healthy and diseased ovarian tissue

Session | Convener: Anna Flamigni

16:10–16:40

### FROM TISSUE TO TRACE: AN ELEMENTAL INVESTIGATION OF BROMINE IN HEALTHY AND DISEASED OVARIAN TISSUE

Speaker

Anna Flamigni

16:40

16:40

## PARALLEL SESSION - Biology and health: Oral communications 5 to 8

Session | Conveners: Lorella Pascolo, Paloma FERNANDEZ VARELA

### 16:40–17:05 Detection of titanium dioxide particles in human, animal and infant formula milk

Speaker

Anne Burtey

### 17:05–17:30 The role of the gut in dementia

Speaker

Alessia Cedola

17:30–17:55

**Mechanical Phenomena Occurring In Tissue During Subcutaneous Injections**

**Speaker**

Mr Aurélien Baquié

17:55–18:20

**Designing Cryo-Correlative Workflows: Understanding Radiation Damage Risks in HEK293-XpaQ**

**Speaker**

Harisa RISTA

18:20