

## Session Program

15-19 Feb 2026

**ISOTOPIC TIME MACHINE**  
FROM CULTURAL HERITAGE  
TO SUSTAINABLE FUTURE



# 12th International Conference on Isotopes - 12ICI

## *2. Isotope Applications - Mon\_S3\_C - Young Session*

Grand Hotel Mediterraneo  
Lungarno del Tempio, 44 - 50121, Firenze

# Monday 16 February

17:01

## 2. Isotope Applications - Mon\_S3\_C - Young Session

**Session** | **Location:** Grand Hotel Mediterraneo, Plenaria: Europa Room | **Conveners:**  
Zeynep Talip, Meera Venkatesh

17:01-17:16

### TOWARDS SUSTAINABLE NANOCARRIERS FOR METAL-BASED DRUG DELIVERY: RADIOLABELING OF CELLULOSE NANOCRYSTALS WITH COPPER-61

**Speaker**

Alessia Sambugaro

17:16-17:31

### UNLOCKING THE POTENTIAL OF ASTATINE-211 FOR TARGETED ALPHA THERAPY

**Speaker**

Dr Anne Royer

17:31-17:46

### INVESTIGATE QUANTITATIVE BREMSSTRAHLUNG IMAGING BY Ho-166

**Speaker**

Marco Capogni

17:46-18:01

### OPTIMIZING SCANDIUM-44 PRODUCTION AND RADIOLABELING FOR POTENTIAL CLINICAL APPLICATION IN NUCLEAR MEDICINE

**Speaker**

Marie Théry

18:01-18:16

### PREDICTING RADIOBIOLOGICAL ENHANCEMENT: MONTE CARLO MODELING OF GOLD NANORODS AND RADIOPHARMACEUTICALS

**Speaker**

Lucrezia Bianchi

18:16-18:30

### CYCLIC PEPTIDE CHELATORS FOR ENHANCED RADIUM SEPARATION AND RADIOPHARMACEUTICAL APPLICATIONS

**Speaker**

Xiao Hong

18:30