



Consiglio Nazionale
delle Ricerche

PROGRAMME

9.40 – 16.00 CEST

SESSION I SESSION CHAIRS: **G. Jibuti, P. Peluso**

09.40 - 09.50 Introduction

09.50 - 10.35 Prof. Bezhani Chankvetadze - Ivane Javakhishvili Tbilisi State University, Tbilisi, Georgia

Enantioselective Bioanalysis of Drugs of Abuse: Challenges and Chances

10.35 - 11.05 Dr. Rosaria Villano - Istituto di Chimica Biomolecolare ICB-CNR, Pozzuoli, Italy

Organic Synthesis of Small Molecules for Biomedical Studies

11.05 - 11.20 *Coffee Break*

SESSION II SESSION CHAIRS: **R. Villano, G. Palmieri**

11.20 - 12.05 Prof. Francesco Paolo Busardò - Università Politecnica delle Marche, Ancona, Italy

Drug-facilitated Sexual Assaults (DFSA): the Challenge of the Forensic Toxicology Laboratory

12.05 - 12.35 Dr. Tamar Khatiashvili - Ivane Javakhishvili Tbilisi State University, Tbilisi, Georgia

Novel Enantioselective HPLC-MS Method for the Differentiation of Methorphan Enantiomers and Metabolites in Postmortem Blood Samples

12.35 - 13.05 Dr. Giorgi Jibuti - Ivane Javakhishvili Tbilisi State University, Tbilisi, Georgia

Modern Challenges and Innovations of Atmospheric Contamination Monitoring

Pause

SESSION III SESSION CHAIRS: **F.P. Busardò, T. Khatiashvili**

14.40 - 15.25 Prof. Giuseppe Palmieri - Università degli Studi di Sassari & Istituto per la Ricerca Genetica e Biomedica IRGB-CNR, Sassari, Italy

Overcoming Refractoriness to Treatments in Advanced Malignancies: the Examples of Melanoma and Lung Cancer

15.25 - 15.55 Dr. Paola Peluso - Istituto di Chimica Biomolecolare ICB-CNR, Sassari, Italy

Multidisciplinary Approaches to Explore Mechanisms and Noncovalent Interactions in Analytical Chemistry: Recent Results from the Unit of Enantioselective Chromatography and Molecular Recognition (ICB-CNR, Sassari)

15.55 - 16.00 *Conclusions*