



IATDMCT 2021

**19th INTERNATIONAL CONGRESS OF THERAPEUTIC
DRUG MONITORING & CLINICAL TOXICOLOGY**

“Nobody is average”

19-22 SEPTEMBER 2021

ROME, ITALY



Location:

**Angelicum
Congress Centre**

Largo Angelicum, 1
Rome

Chair:
Mario Regazzi
Italian Society of Biopharmaceutics and Pharmacokinetics
Pavia, Italy

Co-Chair:
Franco Locatelli
U.O. di Onco-Ematologia
IRCCS - Ospedale Pediatrico Bambin Gesù - Rome, Italy

www.iatdmct2021.org



INTERNATIONAL CONGRESS OF THERAPEUTIC DRUG MONITORING & CLINICAL TOXICOLOGY

IATDMCT IS THE PREMIER INTERNATIONAL EVENT IN THE FIELD OF THERAPEUTIC DRUG MONITORING AND CLINICAL TOXICOLOGY. TOPICS INCLUDE ALTERNATIVE SAMPLING STRATEGY, ANTI-INFECTIVE DRUGS, CLINICAL TOXICOLOGY / DRUG OF ABUSE, IMMUNOSUPPRESSIVE DRUGS, PHARMACOGENETICS, STANDARD OF PRACTICE, TDM IN ONCOLOGY, YOUNG SCIENTISTS, PEDIATRIC PATIENT.

SELECTED TOPICS COVERED BY THE CONGRESS

- TDM as tool to improve the use of drugs for sedation and analgesia in pediatric and neonatal patients
- How to optimize antibiotics and antifungals in ICU patients: from TDM to PK/PD and back to TDM
- Antimicrobial stewardship: the role of the laboratory
- TDM-guided drug dosing in pediatric and adult patients on extra-corporeal membrane oxygenation
- Drug measurements at the pharmacological target site for individualized cancer treatments
- Long-acting and implantable drug formulations: is there still a role for TDM?
- TDM of monoclonal antibodies versus small molecules
- Biosimilars versus generics: how to monitor their safety and efficacy in clinical practice
- TDM of immunosuppressants beyond transplantation
- Strategies to adjust antipsychotic drugs in the pediatric population
- Clinical and laboratory management of invasive fungal infections in immunocompromised patients
- Biomarkers in solid organ transplantation
- Integration of model-based drug dosing into routine patient care: the role of TDM-based softwares
- Pharmacogenetics versus epigenetics as tools to predict drug response
- Novel microbiological tools for a fast-track microbiology
- Drugs modifying human metabolism: how to monitor them?
- Alternative matrices in clinical and forensic toxicology
- General unknown screening: a rapid and comprehensive approach to intoxication
- Identification of new psychoactive substances
- Use and misuse of synthetic opioids
- Medical cannabis: analytical, efficacy and safety issues
- Pharmacological management of patients with coronavirus infections (SARS-CoV, MERS, SARS-CoV-2)
- The role of TDM in disease outbreaks

