



INTERNATIONAL
ASSOCIATION OF
THERAPEUTIC DRUG
MONITORING AND
CLINICAL TOXICOLOGY



November 2020 | IATDMCT Monthly E-News



FEATURED IN THIS ISSUE:

- >>> **Congratulations to the winners of the IATDMCT 2020 Awards**
- >>> **Rome In September – IATDMCT 2021**
- >>> **Member-Get-A Member Campaign – 2020 Update**
- >>> **Time to Submit Your Membership Dues for 2021!**
- >>> **News from the Communication Committee**
- >>> **IATDMCT Blog**
- >>> **Published Ahead-of-Print in *Therapeutic Drug Monitoring* – Latest Update**
- >>> **Contact E-News**

Congratulations to the winners of the IATDMCT 2020 Awards

The Young Scientist Best Toxicology Poster winner

E Hoste, UCLouvain, Belgium
Toxicokinetics and Muscle-Related Toxicity of Atorvastatin In-Vitro.

The Young Scientist Best TDM Poster winner

A Degraeve, UCLouvain, Belgium
Effect of Antibiotics-Mediated Microbiota Depletion on Tacrolimus Pharmacokinetics in Mice.

The Overall Best Toxicology Poster winner

Nick Verougstraete, Ghent University, Belgium
First Report on Borophine: the Next Opioid on the Deadly New Psychoactive Substance Horizon.

The Overall Best TDM Poster winner

Z.L Taylor, University of Cincinnati, Ohio
A Clinical Decision Support Tool Evaluating High-Dose Methotrexate Pharmacokinetics to Inform Post-Infusion Care and Use of Glucarpidase.



| [Top](#)

Rome In September – IATDMCT 2021

IATDMCT 2021 Congress which will take place in Rome from September 19th – 22nd, will bring you the latest advances of TDMCT.

“All roads lead to Rome” since once Rome was “Caput mundi”.

Dario Cattaneo and Mario Regazzi on behalf of the Local Organizing Committee (LOC) and the Program Committee of the 19th IATDMCT Congress promised that:

- The members of the LOC are already actively working for the organization of the Rome 2021 19th Congress of the IATDMCT.
- During the Rome 2021 Congress particular attention will be paid to therapeutic proteins, individualization of pharmacologic therapies in pediatric patients, antimicrobial stewardship programs and lesson learned from the SARS-CoV-2 pandemic. The leitmotiv of the congress will be a continuous cross-talk between the laboratory and the clinics. To accomplish this task, much space is given in the draft, preliminary program, for sessions to be ideally co-chaired by IATDMCT and other scientific societies representing different medical and toxicology disciplines.

- The members of the Local Program Committee, have identified some topics that will be specifically faced during the Congress, and discussed the formats of their presentation (symposia, round tables or plenary lectures). As the next step, we are in contact with the chairs of the IATDMCT Scientific Committees asking them to propose additional topics to be included in the program. We hope to be able to present the final version of the program by next spring! We are looking forward for the active collaboration of all members of IATDMCT for the success of the event!

Fingers crossed for the next months, and hope to see all you in Rome!

Dario and Mario are taking us on a very promising walk: [click here!](#)



[Stay up to date on Rome 2021 – Congress Website...](#) | [Top](#)

Member-Get-A Member Campaign – 2020 Update

New Campaign Deadline: August 30, 2021

The top two "RECRUITERS" will receive free registration for the Rome Congress 2021!

Be active for IATDMCT, take part in the new campaign, and win the prize! Do not miss this excellent opportunity.

Visit the IATDMCT webpage for complete participation details!

[View the Website...](#) | [Top](#)

Time to Submit Your Membership Dues for 2021!

Enjoy all the valuable **Membership Benefits**, including online access to the *Therapeutic Drug Monitoring* (TDM) journal.

Pay online for 2 years (2021 and 2022) and obtain a **10% discount!**

If you have a Full Membership or a Young Scientist Membership, you can also qualify for the new **Affiliate Membership Discount**. The membership dues will be reduced by USD \$20 per year. For more information about the Affiliate Membership Discount, please visit [here](#).



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News from the Communication Committee

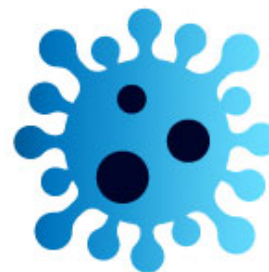
We would like to inform the membership that advertisements for professional positions (PhD and Post-Doc job opportunities) in the field of TDM/CT, will be published in the E-news instead of on the IATDMCT website. Please e-mail the office with the advertisement for the position and it will be published in an upcoming monthly E-news. (IATDMCT office email: info@iatdmct.org)

Some of our members are currently conducting clinical tests for COVID-19 and/or trying to introduce new biomarkers to monitor recovery. Certainly it is our duty to continue also the routine work. Keep safe.

Below please find informative links about the current situation, which specifically addresses the rapid identification of COVID-19 cases as well as adverse reactions due to interaction of drugs:

- IATDMCT website provides a list of COVID-19 resources
 - <https://iatdmct.org/rss/7-news/556-covid-19-resources.html>
- Drugs used to treat COVID-19 that may interact with other medication
 - [Liverpool COVID-19 Interactions](#)
- Centre for Disease Control via NIH and Biosafety
 - <https://www.nih.gov/coronavirus>
 - <https://www.cdc.gov/coronavirus/2019-ncov/lab/biosafety-faqs.html>
- ASPX
 - <https://www.interactivehandbook.com/Compatibility.aspx>

- New England Journal of Medicine opened all articles regarding Covid-19
 - <https://t.co/fkKzCwma7t>
- McMaster University
 - <https://www.mcmasterforum.org/find-evidence/guide-to-covid-19-evidence-sources>
- Cochrane
 - <https://covidrapidreviews.cochrane.org/welcome>
- BC Centre for Disease Control
 - <http://www.bccdc.ca/health-info/diseases-conditions/covid-19>



[Visit the COVID-19 resources on the IATDMCT Website... | Top](#)

Published Ahead-Of-Print in *Therapeutic Drug Monitoring* – Latest Update

Stay ahead with the latest scientific research developments in the fields of TDM and CT!

The monthly *Therapeutic Drug Monitoring* Column provides you with the latest posts of ahead-of-print. Bringing to you articles posted online on October 19, 2020:

Original Articles:

- Tacrolimus Exposure in Obese Patients: A Case-Control Study in Kidney Transplantation.
By Robert, Vincent; Manos-Sampol, Emmanuelle; Manson, Thibaut; Robert, Thomas; Decourchelle, Nicolas; Gruliere, Anne-Sophie; Quaranta, Sylvie; Moal, Valérie; Legris, Tristan.
- Plasma Concentrations and Cardiovascular Effects of Citalopram Enantiomers after Oral vs. Infusion Citalopram Therapy in Dextromethorphan- and Mephenytoin-Phenotyped Patients with Major Depression.
By Baumann, P.; Bertschy, G.; Ramseier, F.; Nil, R.
- Simultaneous Quantification of BCR-ABL and Bruton's Tyrosine Kinase Inhibitors in Dried Plasma Spots and Its Application to Clinical Sample Analysis.
By Mukai, Yuji; Yoshida, Yuka; Yoshida, Tatsunari; Kondo, Takeshi; Inotsume, Nobuo; Toda, Takaki.
- Impact of CYP2D6, CYP3A5, and ABCB1 Polymorphisms on Plasma Concentrations of Donepezil and its Metabolite in Patients with Alzheimer's Disease.
By Kagawa, Yoshiyuki; Yamamoto, Yoshiaki; Ueno, Ayami; Maeda, Toshio; Obi, Tomokazu.
- Measurement of Free Plasma Concentrations of Beta-Lactam Antibiotics: An Applicability Study in ICU Patients.
By Schießler, Selina; Hitzenbichler, Florian; Kees, Martin Georg; Kratzer, Alexander; Lubnow, Matthias; Salzberger, Bernd; Kees, Frieder; Dorn, Christoph.



Submit your high quality research – Information for authors.

[Visit the Therapeutic Drug Monitoring \(TDM\) Website to read your Articles of Interest... | Top](#)

IATDMCT Website Revamp: What's in it for me?

This month I wanted to congratulate Alain and Ofelia, on behalf of the Communication's Committee, for their recent work on our website and highlight a few of the changes that have happened; these were recently covered by them in the recent September Compass issue. The revamp of the resources section deserves special mention as it has made navigation and access to recorded materials very straightforward for members. Ofelia very kindly shared web analytics insights to answer the question: "Who is looking at our website?"

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Contact E-News



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