



INTERNATIONAL
ASSOCIATION OF
THERAPEUTIC DRUG
MONITORING AND
CLINICAL TOXICOLOGY



November 2021 | IATDMCT Monthly E-News



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New President of IATDMCT, Dr. Dario Cattaneo

Dr. Dario Cattaneo
Luigi Sacco University Hospital
Milano, Italy

Dr. Cattaneo begin his successful term 2021-2023 by attending the Communication Committee virtual meeting. Thank you Dario.



[View the President's Welcome Message...](#) | [Top](#)

Congratulations to Prof. Manuela Neuman

Prof. Neuman is the winner of the European Association for the Biological Study on Alcoholism life recognition award and the Canadian Society of Clinical Biochemistry Research Award.



<https://www.pharmtox.utoronto.ca/news/congratulations-dr-manuela-neuman-two-highly-prestigious-2021-awards>

Dr. Neuman is the Chair of the Clinical Toxicology and Drug of Misuse Committee of the International Association of Therapeutic Drug Monitoring and Clinical Toxicology, promoting Canadian clinical biochemistry and toxicology internationally.

[View the news release...](#) | [Top](#)

The Prague Congress



The IATDMCT flag has been transferred in Rome to the local organizing Committee of the 20th IATDMCT Congress in Prague, Czech Republic, September 18-21, 2022.

Please consider participating to our next IATDMCT Congress!

[Visit the Prague Congress website...](#) | [Top](#)

IATDMCT Asia-Pacific Regional Meeting

This event took place 29 October and 30 October 2021.

There were more than 1000 registrations for the Asia- Pacific workshop and 250 attendees. There were huge interactions between participants and the presenters during the workshop. The feedback was positive.

Dr. Yan presented at the meeting. He offered examples of the current research and clinical practice of TDM in Asia area. Dario Cattaneo, Jan-Willem Alffenaar, Debbie Marriott, Danijela Kocic, Jana Stojanova, Jane Carland, Sophie Stocker and other IATDMCT members as well as well-known scientists attended this academic event.

IATDMCT – 2020 Congress Recordings

The recordings of the Banff Virtual Congress are already uploaded – [click here](#) to view the recordings.

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OMICS Congress

An International Omics (Introduction of Omics analysis in Health Science) Workshop held in Uruguay, organized by Dr. Ofelia Noceti PhD Pharm.D. who is the Chair of the Communication Committee, together with Professors Santiago Mirazo PhD and Professor Guillermo Moyna PhD. Professors Pierre Marquet, Nicolas Picard and Roland Lawson members of our Association participated as speakers.

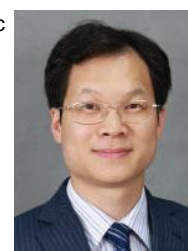
In [this link](#) you can view the Program. Dr. Ofelia Noceti extends an invitation for the second edition next year!

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The e-News co-editors Manuela Neuman and Ryuji Kato are welcoming Miao Yan to the team

Dr. Yan, is an Associate Professor of Central South University, China. Director of Department of Scientific Research, the Second Xiangya Hospital of Central South University, China.

Dr. Yan is a Councillor of IATDMCT, Chair of Young Scientist Committee, Chinese Pharmacological Society (CHINA-TDM) and Standing committee member of Clinical toxicology Committee Chinese Society of Toxicology.



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News from the Communication Committee

The Communication Committee would like to inform the membership that advertisements for professional positions (Ph.D. 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>
- ASHP's Covid-19 Resource Center
 - <https://www.ashp.org/covid-19?loc=alert-covid19-09182020>
- 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>

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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 November 8, 2021:

Review Articles:

- Therapeutic drug monitoring of ganciclovir: where are we?
By Mårtson, Anne-Grete; Edwina, Angela E.; Kim, Hannah Yejin; Knoester, Marjolein; Touw, Daan J.; Sturkenboom, Marieke G. G.; Alffenaar, Jan-Willem C.
- TDM of Anti-infective Drugs: Implementation Strategies for Three Different Scenarios.
By Kim, Hannah Yejin; Byashalira, Kenneth C.; Heysell, Scott K.; Mårtson, Anne-Grete; Mpagama, Stellah G.; Rao, Prakruti; Sturkenboom, Marieke G.G.; Alffenaar, Jan-Willem C.
- Therapeutic Drug Monitoring of the Echinocandin Antifungal Agents: Is There a Role in Clinical Practice? A Position Statement of the Anti-Infective Drugs Committee of the International Association of Therapeutic Drug Monitoring and Clinical Toxicology.
By Kim, Hannah Yejin; Baldelli, Sara; Mårtson, Anne-Grete; Stocker, Sophie; Alffenaar, Jan-Willem; Cattaneo, Dario; Marriott, Deborah JE.
- A Review of Scavenged Sampling for Sustainable Therapeutic Drug Monitoring: Do More With Less.
By Schouwenburg, Stef; van der Klip, Robin F.J.; Smeets, Tim J.L.; Hunfeld, Nicole G.M.; Flint, Robert B.; de Hoog, Matthijs; Endeman, Henrik; Koch, Birgit C.P.; Wildschut, Enno D.; Abdulla, Alan.
- Therapeutic Drug Monitoring of Antibiotic Drugs: The Role of the Clinical Laboratory.
By Shipkova, Maria; Jamoussi, Hedi.
- Therapeutic Drug Monitoring of Antibiotics: Defining the Therapeutic Range.
By Abdul-Aziz, Mohd H.; Brady, Kara; Cotta, Menino Osbert; Roberts, Jason A.
- Therapeutic Drug Monitoring of Antibiotics in the Elderly: A Narrative Review.
By Cattaneo, Dario; Falcone, Marco; Gervasoni, Cristina; Marriott, Deborah JE.



Original Articles:

- Impact Of ABCB1 Polymorphisms on Lacosamide Serum Concentrations In Uyghur Pediatric Patients with Epilepsy in China.
By Zhao, Ting; Li, Hong-jian; Feng, Jie; Zhang, Hui-lan; Ma, Long; Yu, Jing; Zhao, Wen-bo; Sun, Li; Yu, Lu-hai; Sun, Yan.
- Optimal teicoplanin dosing regimen in neonates and children developed by leveraging real-world clinical information.
By Yamada, Takaaki; Emoto, Chie; Fukuda, Tsuyoshi; Motomura, Yoshitomo; Inoue, Hirosuke; Ohga, Shouichi; Ieiri, Ichiro.
- Validation and Clinical Application of a Liquid Chromatography-Ultraviolet Detection Method to Quantify Dolutegravir in Dried Blood Spots.
By Akinloye, Abdulafeez; Eniayewu, Oluwasegun; Adeagbo, Babatunde; Bolaji, Oluseye; Olagunju, Adeniyi.
- Decreased Systemic Busulfan Exposure After Oral Dosing With Concomitant Levetiracetam Compared To Phenytoin.
By Artul, Tareq; Henig, Israel; Nassar, Laila; Yehudai-Ofir, Dana; Scherb, MD; Inna; Lurie, Yael; Efrati, Edna; Zuckerman, Tsila; Kurnik, Daniel.
- Interindividual Variability in the Bioavailability of Gabapentin Enacarbil Extended Release in Healthy Adults: An Analysis of Data From Six Phase I Studies.
By Lal, Ritu; Ellenbogen, Aaron; Gidal, Barry.

Short Communication:

- Automation in Busulfan Therapeutic Drug Monitoring: Evaluation of an Immunoassay on Two Routine Chemistry Analyzers.

Editorial:

- Therapeutic Drug Monitoring in the Era of Precision Medicine: Achievements, Gaps, and Perspectives An interview in honor of Professor Charles Pippenger.

By Wong, Steven H.; Marquet, Pierre; Cattaneo, Dario; Svinarov, Dobrin; Bergan, Stein; Walson, Philip; Vinks, Alexander A.; Shipkova, Maria.

Submit your high quality research – Information for authors.

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

IATDMCT Events Calendar

Are you aware of additional events of potential interest for the IATDMCT society? Share this information with your IATDMCT colleagues by posting it on our Events Calendar.

» [Click here to Post an Event on our Online Events Calendar today!](#)

Visit the IATDMCT Events Calendar and stay informed about the upcoming TDM and CT Meetings. By doing this you can comfortably and directly reach all related online resources.



Visit the IATDMCT Events Calendar and Learn More about these and other Upcoming Meetings | [Top](#)

Contact E-News



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Co-editor: Ryuji Kato
Co-editor: Miao Yan

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