



January 2019 | IATDMCT Monthly E-News

FEATURED IN THIS ISSUE:

- >>> Happy 2019!
- >>> IMPORTANT ANNOUNCEMENTS
- >>> Compass Schedule 2019
- >>> January Blog: Interview with Samiksha Ghimire
- >>> Welcoming our new members
- >>> Invitation to attend the 17th IATDMCT Congress, Foz do Iguaçu, Brazil, 2019
- >>> Clinical Toxicology and Drug of Abuse participation at an International Conference
- >>> Published Ahead-of-Print in Therapeutic Drug Monitoring - Latest Update
- >>> IATDMCT Events Calendar – 2019
- >>> Contact E-News

Happy 2019!

The Communication Committee wishes all of you a New Year filled with good health, as well personal and professional fulfillment.

We look forward to a rewarding and engaging 2019!!!



| [Top](#)

IMPORTANT ANNOUNCEMENTS

• 2019 IATDMCT Membership Renewal Reminder

We are proud to announce that there were 648 members in 2018. We look forward to welcoming new members in 2019! This year our goal is to enhance clinical toxicologic assessment in addition to reducing the opioid crisis.

Please ensure you renew your membership in order to retain your IATDMCT member benefits. Members who renew their membership for two years will receive a 10% discount on membership fees!

Renew today: <http://www.iatdmct.org/members-only/renew-membership.htm>

• New MEMBER-GET-A-MEMBER Campaign ahead

The IATDMCT Council announces the 2019 MEMBER-GET-A-MEMBER Campaign.

The new Campaign will **start in January 2019 and will end in August 2019.**

The Winner of the campaign will be the top "Recruiter" of new members and the Prize will be a free basic registration to the [next IATDMCT Congress in Brazil, 2019](#)

At IATDMCT we foster education as well as networking between members.



I would like to begin by thanking Dr. Shipkova, the co-editor of e-News for a wonderful collaboration last year and wish her much success as the new review editor of our journal Therapeutic Drug Monitoring. I look forward to working with the new co-editor of e-News, Ryuji Kato.

• News from the Communication Committee

The Communication Committee would like to remind all members that information about professional opportunities can be found on the IATDMCT website. Institutions are also encouraged to list vacancies on our website. Please visit <https://www.iatdmct.org/members-only/members-only-employment.html> and complete the respective inquiry form.

Do not miss taking advantage of networking in IATDMCT!



| [Top](#)

Compass 2019

Editorial Board of Compass and Communication Committee is working tirelessly to provide the IATDMCT members with news and educational topics related to the activities of all the committees. The members of different committees are encouraged to submit material for publication.

There are 4 issues of the "Compass." The deadline for submitting the contribution is:

- Issue I, 7th February
- Issue II, 7th May
- Issue III, 7th August
- Issue IV, 7th November

[View Compass on the IATDMCT Website...](#) | [Top](#)

Interview with young scientist, Samiksha Ghimire

Last year I read a really impressive contribution to the [Compass](#) from young scientist, Samiksha Ghimire. She described her ambitious PhD project which aimed to implement and evaluate a TDM programme for anti-tuberculosis drugs in Nepal, an endemic setting, using alternative sampling strategies. I was literally on the edge of my seat reading this piece, impressed at the high relevance of the project, especially since Nepal is her home country, and also Samiksha's clarity and maturity as a PhD student: I won't give away how the piece concludes, but want to highlight that I found it very impressive the way that Samiksha faced the very real challenges that emerged in the project at that point in time. This month we hear from Samiksha, and, again, I was very impressed with her orientation with innovative technologies in TDM, some of which we haven't heard about before in these interviews. In my search for Samiksha's email, I came across the story of how she became an [Eric Bleumink Fund Scholar](#), which is also very impressive. Congratulations on your achievements Samiksha!



Samiksha Ghimire

University Medical Center Groningen
University of Groningen, Groningen, the Netherlands

[Read more....](#)

[Follow the IATDMCT Blog today...](#) | [Top](#)

Welcoming our new members

Daniel Beriault Ph.D. FCACC

Clinical Biochemist

St. Michael Hospital, Toronto, ON, Canada

BeriaultD@smh.ca

Daniel is now a part of the CTDOA Committee.

[| Top](#)

17th IATDMCT Congress in Foz do Iguassu, Brasil, September 22 – 26. 2019 "Therapeutic Monitoring of Drugs and Clinical Toxicology for a Globalized World"

**Main Theme: "Therapeutic Monitoring of Drugs and Clinical Toxicology for a Globalized World"****Website:** www.iatdmct2019.org**Save the important dates:**

- March 29th, 2019: Abstract submission deadline
- May 31st, 2019: Abstract notification to authors
- June 30th, 2019: Early registration deadline
- September 15th, 2019: Website registration closes
- September 22-26, 2019: Congress

Note for IATDMCT members who are citizens of developing countries:

The IATDMCT Council agreed on making available **USD \$16,917** from the Developing Countries Fund to support reduced registration fees for [participants from developing countries](#) attending the 17th IATDMCT Congress.

[| Top](#)

Clinical Toxicology and Drug of Abuse participation at an International Conference

M. Neuman was an invited speaker for the "First International Conference on Innovation in Population Health and Personalized Medicine" which place in Targu Mures, Romania in December 11-12, 2018. Dr. Neuman represented the Clinical Toxicology and Drug of Abuse Committee of our association.

At the conference, Dr. Leonard Azamfirei, Ph.D., the Rector of the "University of Medicine, Pharmacy, Science and Technology", expressed his deep appreciation to the valuable contributions to the success of the meeting.

Consequently, all of the guests experienced the importance of learning one from the other in an interactive environment. The University of Targu Mures is situated in central Romania, a region with a multicultural population. The University was established 70 years ago being the center of Romanian and Hungarian cultures that influenced one another. A creative program of the conference ensured transfer of information and teaching students, researchers and speakers as well. The abstract of the conference have been published in the Roumanian J. Lab. Medicine, suppl. 3, vol 26, 4, 2018.

Dr. Minodora Dobraeanu, a member of CTDOA committee was one of the co-organizers of the conference. In her talk entitle: "Application of laboratory medicine technology for significant improvement in precision medicine" she concluded that "pharmacogenic testing is needed in the era of "precision medicine".

Other important message was highlighted by Dr. Achimas-Cadariu, UMF-Cluj, on the metagenomic analysis of microbiota in colorectal cancer. Alexandru Sorin Costescu, from Innovative and Personalized Medicine Unit of Health Directorate,

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 the latest articles posted in December 2018:



- Quantification of thiopurine nucleotides in erythrocytes and clinical application to pediatric acute lymphoblastic leukemia
By Moon, Soo Young; Lim, Ji-Hyun; Kim, Eun-Hee; Nam, Youngwon; Yu, Kyung-Sang; Hong, Kyung Taek; Choi, Jung Yoon; Hong, Che Ry; et al.
- A fully automated method for the determination of serum belatacept and its application in a pharmacokinetic investigation in renal transplant recipients
By Klaasen, Rolf Anton; Egeland, Erlend Johannessen; Chan, Joe; Midtvedt, Karsten; Svensson, My; Bolstad, Nils; Fellström, Bengt; Holdaas, Hallvard; Asberg, Anders; Bergan, Stein; Vethe, Nils Tore; Warren, David John
- A method for direct monitoring of atorvastatin adherence in cardiovascular disease prevention: Quantification of the total exposure to parent drug and major metabolites using two-channel chromatography and tandem mass spectrometry
By Vethe, MScPharm, Nils Tore; Munkhaugen, John; Andersen, Anders M.; Husebye, Einar; Bergan, MScPharm, Stein
- Low serum trough concentrations and high vancomycin minimum inhibitory concentration in methicillin-sensitive staphylococcus aureus from hemodialysis patients in brazil
By Vitória, Michel Penedo da; Alvarenga, Cristiane Gomes de Sousa; Vasconcellos Filho, Lauro Monteiro; Birro, Jéssica de Cássia Teixeira; Barbosa, Maralisi Coutinho; Ferreira, Mariana Abou Mourad; Schuenck, Ricardo Pinto; Nunes, Ana Paula Ferreira; Santos, Kênia Valéria dos
- Simultaneous quantification of thirteen cannabinoids and metabolites in human plasma by liquid chromatography tandem mass spectrometry in adult epilepsy patients
By Roslawski, Michaela J; Remmel, Rory P; Karanam, Ashwin; Leppik, Ilo E; Marino, Susan E; Birnbaum, Angela K
- A compilation of serum concentrations of 12 antipsychotic drugs in a therapeutic drug monitoring setting
By Jönsson, Anna K.; Spigset, Olav; Reis, Margareta
- Discrimination of anti-drug antibodies with neutralizing capacity in infliximab and adalimumab treated patients - Comparison of the homogeneous mobility shift assay and the affinity capture and elution assay.
By Hock, Barry D.; McKenzie, Judith L.; Goddard, Liping; Smith, Stewart M.; McEntyre, Christopher J.; Keating, Paula E.
- Concentration-Effect relationships of psychoactive drugs and the problem to calculate therapeutic reference ranges
By Hiemke, Christoph
- Pharmacogenetics biomarkers predictive of drug pharmacodynamics as an additional tool to therapeutic drug monitoring
By Haufroid, Vincent; Picard, Nicolas
- Biomarkers of drug-induced kidney toxicity
By Griffin, Benjamin; Faubel, Sarah; Edelstein, Charles L.

- Pharmacokinetic and pharmacodynamic drug monitoring of direct acting oral anticoagulants - Where do we stand?
By Wieland, Eberhard; Shipkova, Maria
- Rapid quantitation of flecainide in human plasma for therapeutic drug monitoring using liquid chromatography and time-of-flight mass-spectrometry
By Rahman, Mohammed; Couchman, Lewis; Povstyan, Valentyna; Bainbridge, Verity; Kipper, Karin; El-Nahas, Toqa; Johnston, Atholl; Holt, David
- Targeted proteomic analysis detects acute T cell-mediated kidney allograft rejection in belatacept-treated patients
By van der Zwan, Marieke; Hesselink, Dennis A.; Claassen-van Groningen, Marian C.; Baan, Carla C.
- Switching immunosuppression from cyclosporine to tacrolimus in kidney transplant recipients based on CYP3A5 genotyping
By Wang, Xuebin; Yang, Yunyun; Liu, Zhengyue; Xiao, Chengwu; Gao, Lihong; Zhang, Wenjing; Zhang, Wenwen; Wang, Zhuo
- Substantial differences in serum concentrations of psychoactive drugs measured in samples stored for two days or more on standard serum tubes versus serum tubes containing gel separators
By Wollmann, Birgit M.; Lunde, Hilde A.; Støten, Lene K.; Lunder, Niclas; Molden, Espen
- The smell of death - an unusual case of poisoning with the organophosphorus pesticide chlorfenvinphos
By Couchman, L.; Slaughter, JA; Coombes, G; Johnston, A; Ogoti, E; Holt, DW.

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 – 2019



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.

Summary of Upcoming Events

20 February 2019

Outpatient Parenteral Antimicrobial Therapy/ Hospital in the Home Seminar
Sydney, Australia

21-26 June 2019

Charles Lieber Satellite Symposium and 42nd ANNUAL RSA SCIENTIFIC MEETING
Minneapolis, Minnesota

22-25 September 2019

17th International Congress of Therapeutic Drug Monitoring & Clinical Toxicology 2019
Foz do Iguaçu, Brazil

28-29 October 2019**Pharmacology 2019 - Detox the toxins by evolving the perspectives of Pharmacology and Toxicology**
Tokyo, Japan

» *Click on the event title for details*

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

Contact E-News



Co-editor: Manuela Neuman
Co-editor: Ryuji Kato

NOTE: Items appearing in the IATDMCT monthly E-News do not necessarily have the endorsement of the Association.

Email your Hot Topic to IATDMCT Monthly E-News... | [Top](#)

IATDMCT | International Association of Therapeutic Drug Monitoring and Clinical Toxicology
office@iatdmct.org | www.iatdmct.org
PO Box 1570, 4 Cataragui Street | Kingston, Ontario | K7L 5C8 | CANADA
Tel: 613-531-8166 | Fax: 866-303-0626

[Unsubscribe](#)