Agenda

- President
- President Elect
- Past-President
- Secretary
- Treasurer
- Communications Committee
- Scientific Committees
International Association of Therapeutic Drug Monitoring
Annual General Meeting | Wednesday, September 25, 2019

President

Teun van Gelder
President Update

• IATDMCT congress:
  • 2015 Rotterdam
  • 2017 Kyoto
  • 2018 Brisbane (surplus $5,293.70)
  • 2019 Iguazu
  • 2020 Banff
  • 2021 Rome
  • 2022 Prague
Affiliated Memberships

Already in place:

- JSTDM
- ACCP
- In progress: TTS
Topics to be discussed

- Supporting members from developing countries
- Yearly or bi-yearly IATDMCT congress?
- How to reach new members?
- Elections
## Elections

<table>
<thead>
<tr>
<th>Position</th>
<th>Number</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>President-elect</td>
<td>130</td>
<td>Dario Cattaneo</td>
</tr>
<tr>
<td>Secretary</td>
<td>132</td>
<td>Maria Shipkova</td>
</tr>
<tr>
<td>Treasurer</td>
<td>130</td>
<td>Denise Anne McKeown</td>
</tr>
<tr>
<td>Directors Education</td>
<td>87</td>
<td>Deborah Marriott</td>
</tr>
<tr>
<td></td>
<td>109</td>
<td>Markus Meyer</td>
</tr>
<tr>
<td></td>
<td>98</td>
<td>Staffan Rosenborg</td>
</tr>
<tr>
<td>Councillors</td>
<td>113</td>
<td>Ryuji Kato</td>
</tr>
<tr>
<td></td>
<td>117</td>
<td>Christophe Stove</td>
</tr>
<tr>
<td></td>
<td>109</td>
<td>Nicolas Venisse</td>
</tr>
<tr>
<td></td>
<td>92</td>
<td>Miao Yan</td>
</tr>
</tbody>
</table>
Past-President

Loralie Langman
Awards Committee

• Irving Sunshine Award
  • outstanding contributions to Clinical Toxicology
  • Amadeo J Pesce, PhD
THANK YOU

- It has been my honour and pleasure to serve you all for the past 6y as President-Elect, President, and lastly as Past-President.

- We may be separated by geography but we are united by Science
President-Elect Report

Yusuke Tanigawara
# New Council of IATDMCT (term 2019-2021)

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>President</td>
<td>Yusuke Tanigawara</td>
</tr>
<tr>
<td>Past President</td>
<td>Teun van Gelder</td>
</tr>
<tr>
<td>President-Elect</td>
<td>Dario Cattaneo</td>
</tr>
<tr>
<td>Secretary</td>
<td>Maria Shipkova</td>
</tr>
<tr>
<td>Treasurer</td>
<td>Denise Anne McKeown</td>
</tr>
<tr>
<td>Director of Education</td>
<td>Deborah Marriott</td>
</tr>
<tr>
<td>Director of Education</td>
<td>Markus Meyer</td>
</tr>
<tr>
<td>Director of Education</td>
<td>Staffan Rosenborg</td>
</tr>
<tr>
<td>Councillor</td>
<td>Ryuji Kato</td>
</tr>
<tr>
<td>Councillor</td>
<td>Christophe Stove</td>
</tr>
<tr>
<td>Councillor</td>
<td>Nicolas Venisse</td>
</tr>
<tr>
<td>Councillor</td>
<td>Miao Yan</td>
</tr>
</tbody>
</table>
Future Congresses

18th IATDMCT Congress 2020
September 13-16, 2020, Banff, Alberta, Canada
Congress Chairs: David Kinniburgh and Penny Colbourne

19th IATDMCT Congress 2021
September 19-22, 2021, Rome, Italy
Congress Chairs: Mario Regazzi and Franco Locatelli

20th IATDMCT Congress 2022
September 18-21, 2022, Prague, Czech Republic
Congress Chair: Jan Strojil

21th IATDMCT Congress 2023 ?
Two proposals → Disclose at the Closing Ceremony
Venue of Banff Congress 2020
International Association of Therapeutic Drug Monitoring
Annual General Meeting | Wednesday, September 25, 2019

Secretary report

Maria Shipkova
Germany
Secretary Report

- Membership Report
  - Updated IATDMCT Membership Summary (as of August 31, 2019)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Member</td>
<td>292 (48%)</td>
<td>283 (47%)</td>
</tr>
<tr>
<td>Young Scientist</td>
<td>225 (37%)</td>
<td>198 (33%)</td>
</tr>
<tr>
<td>Junior Member</td>
<td>77 (13%)</td>
<td>99 (16%)</td>
</tr>
<tr>
<td>Member Award</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Resigned</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Retired</td>
<td>12</td>
<td>15</td>
</tr>
<tr>
<td>Honorary</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>612</strong></td>
<td><strong>602</strong></td>
</tr>
</tbody>
</table>

% Change

-1.6 (vs. -7.8 in 2018)
Secretary Report

- **Loss Members/Country**
  - 2018
    - China 28
    - Japan 21
    - Netherlands 13
    - USA 7
    - Canada 7
  - 2019
    - India 23
    - USA 13
    - Netherlands 7
    - Germany 7
    - South Korea 5

- **Gain Members/Country**
  - 2019
    - India 17
    - Australia 10
    - Brazil 7
    - Columbia 4
    - China 14
    - Brazil 13
    - Malaysia 12
    - Belgium 4

- 119/159 (75%) new members in 2019 are DC citizens
Member-Get-A-Member Campaign 2019
The Campaign started on January 1st and ended on August 31st, 2019.
The winners get free registration for the Brisbane Congress.

26 new members in total (29 in 2018)

Congratulations to:

Dr. Christoph Stove  (Belgium)
## IATDMCT MEMBER-GET-A-MEMBER CAMPAIGN

*As of August 30, 2019*

<table>
<thead>
<tr>
<th>Recruits</th>
<th>Name of Recruiter</th>
<th>Name of Recruitee</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Christophe Stove</td>
<td>Lisa Delahaye (Junior member); Sigrid Deprez (Junior member); Lucía González (Junior member); Jose Restolho (Full member); Nick Veroungastraete (Junior member)</td>
</tr>
<tr>
<td>4</td>
<td>Manuela Neuman</td>
<td>Daniel Beriault (Full member); Benjamin Jung (Full member); Serguei Likhodi (Full member); Andrew Lyon (Full member)</td>
</tr>
<tr>
<td>4</td>
<td>Yosuke Suzuki</td>
<td>Makoto Kai (Junior member); Hiroki Takashima (Junior member); Yui Yamamoto (Junior member); Atsushi Wakita (Young Scientist)</td>
</tr>
<tr>
<td>3</td>
<td>Rafael Linden</td>
<td>Ana Luiza Zilkoski (Developing country); Mariza Insaurralde (Developing country); Siomara Regina Hahn (Developing country)</td>
</tr>
<tr>
<td>1</td>
<td>Jan-Willem Alffenaar</td>
<td>Herman Veehof (Junior member)</td>
</tr>
<tr>
<td>1</td>
<td>Kamisha Johnson-Davis</td>
<td>Carmen Gherasim (Full member)</td>
</tr>
<tr>
<td>1</td>
<td>Loralie Langman</td>
<td>Randal Schneider (Full member)</td>
</tr>
<tr>
<td>1</td>
<td>Nuria Padulles-Zamora</td>
<td>Miriam Casellas-Gibert (Junior member)</td>
</tr>
<tr>
<td>1</td>
<td>Paula Schaiquevich</td>
<td>Cecilia Maldonado (Developing country)</td>
</tr>
<tr>
<td>1</td>
<td>Yusuke Tanigawara</td>
<td>Naoki Yoshikawa (Young scientist)</td>
</tr>
<tr>
<td>1</td>
<td>Daniel Touw</td>
<td>Herman Veehof (Junior member)</td>
</tr>
<tr>
<td>1</td>
<td>Natacha Valois</td>
<td>Michael Zader (Full member)</td>
</tr>
<tr>
<td>1</td>
<td>Gareth Veal</td>
<td>Philip Berry (Young scientist)</td>
</tr>
<tr>
<td>1</td>
<td>Nicolas Venisse</td>
<td>Corinne Charlier (Full member)</td>
</tr>
</tbody>
</table>
International Travel Grant

Grants Awarded to Financially Support Travel to the IATDMCT Congress

<table>
<thead>
<tr>
<th>Name</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Guillaume Binson</td>
<td>France</td>
</tr>
<tr>
<td>Paula Melipillán Figueroa</td>
<td>Chile</td>
</tr>
<tr>
<td>Brenda Marisol del Valle Monge</td>
<td>Guatemala</td>
</tr>
<tr>
<td>Georgios Schoretsanitis</td>
<td>Switzerland</td>
</tr>
</tbody>
</table>
Affiliate Membership 2019

- Collaboration of IATDMCT is with a selected group of affiliated scientific societies that share its aims particularly on a national level.

- Members of affiliated societies may join IATDMCT and enjoy the full function of IATDMCT membership benefits with reduced IATDMCT dues.

- First contract partner: JATDM

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toshimi Kimura</td>
<td>Shinjuku, Tokyo</td>
</tr>
<tr>
<td>Akiko Kuwahara</td>
<td>Nishinomiya</td>
</tr>
<tr>
<td>Satohiro Masuda</td>
<td>Tokyo</td>
</tr>
<tr>
<td>Masahiro Okuda</td>
<td>Suita, Osaka</td>
</tr>
<tr>
<td>Yuko Shimamoto</td>
<td>Suita</td>
</tr>
<tr>
<td>Yoshiharu Suzuki</td>
<td>Tsukuba</td>
</tr>
<tr>
<td>Takaaki Yamada</td>
<td>Fukuoka</td>
</tr>
<tr>
<td>Kazuhiro Yamamoto</td>
<td>Kobe</td>
</tr>
</tbody>
</table>

- The IATDMCT looks forward to expanding the network with other societies with similar visions and interests in Therapeutic Drug Monitoring and Clinical Toxicology to foster personalized medicine worldwide. Scientific societies interested in this form of collaboration can contact info@iatdmct.org for more details.
Treasurer Report

Denise A McKeown
Forensic Medicine and Science, University of Glasgow
Glasgow, UK
2018 Financials Overview

• 2018 Revenue: $296,446
  – TDM Journal Royalties: $250,545
  – Membership Fees: $37,607
  – Awards Revenue: $3,000
  – 2018 Congress Surplus: $5,294 (net surplus ~$16,000)

• Expenses: $209,634
  – TDM Journal Related: $148,524
  – Administrative Expenses: $29,757
  – Membership Services: $31,353

• Surplus: $86,812
2018 Financials: Administration Expenses

- Administration Expenses: $29,757
  - Management Fee: $15,000.00
  - Telecommunications: $1,344
  - Administration Expenses: $13,413
2018 Financials: Membership Services Expenses

- Membership Services Expenses: $31,353
  - Website: $5,546
  - IATDMCT Compass: $4,670
  - Award Winners: $4,225
  - Member Recognition: $85
  - International Travel Grants: $12,000
  - Meetings: $2,744
  - Education & Membership: $1,933
  - Sundry Expenses: $150
2018 Financials: Summary

• IATDMCT Assets
  – Remain strong

• Queries / Questions Contact
  – denise.mckeown@glasgow.ac.uk
Communications Committee

Kamisha Johnson-Davis (Chair)
Salt Lake City, UT, USA

Ofelia Noceti (Vice-Chair)
Montevideo, Uruguay

Paula Schaiquevich
Buenos Aires, Argentina

Franck Saint-Marcoux
Limoges, France

Edgar Spencer
England, UK

Maria Shipkova
Stuttgart, Germany

Eberhard Weiland
Stuttgart, Germany

Alain Verstraete
Gent, Belgium

Denise McKeown
Glasgow, UK

Manuela Neuman
Toronto, Canada

Ryuji Kato
Osaka, Japan

Olga Millan Lopez
Barcelona, Spain

Violette Gijsen
Rotterdam, The Netherlands

Jana Stojanova
Valparaiso, Chile

Natalia Riva
Argentina

Louise Andrews
The Netherlands
Communications Committee Update

- Communicate IATDMCT news & scientific news to members and non-members.
- Monitor activity on social media platforms
- Stay up-to-date with Social Media platforms as they emerge & evolve
- Review all communication information published and posted to social media
  - Compass, E-News, Blog, Congress announcements,
  - Website updates, Educational Resources and TDM Adverts
Compass Quarterly Newsletter

Compass Team has done an outstanding job during 2015-2019!

Associate Editor
Edgar Spencer
England, UK

Editor-in-Chief
Paula Schaiquevich
Buenos Aires, Argentina

Associate Editor
Franck Saint-Marcoux
Limoges, France

New Compass Editors:
Natalia Riva, Argentina & Louise Andrews, NL
IATDMCT E-News (monthly) & Blog

- **Purpose:** Latest topics & news communicated via e-mail to members

  *Topics:* Office news, Congress updates, advertisements, new report of academic activities of members from the Scientific Committees, blog

- **Co-Editors:** Manuela Neuman & Ryuji Kato

**Blog (15 Interviews + 4 highlights)**
- Post: interviews with IATDMCT members and news highlights
- Author: Jana Stojanova
TDM Journal Adverts (every issue)

- Purpose: Advertising to promote IATDMCT activities

  *Adverts*: Social Media Reminders, Membership Promotion and benefits, Congress Invitations with important dates, program, symposia & Scientific Committees, Award Winners

- Manager: Denise A McKeown & Office Design Support
IATDMCT Social Media Team

- **Twitter** (1125 followers today vs. 753 in 2017)
  - Purpose: real time information on the latest topics
  - Manager: Olga Millan Lopez

- **LinkedIn** (796 members vs 763 in 2017; 192 contacts)
  - Purpose: interactive scientific discussion & relevant events
  - Managers: Maria Shipkova / Ofelia Noceti

- **Facebook IATDMCT account** (212 followers & 198 likes)
  - Purpose: informal platform to communicate scientific news
  - Manager: Kamisha Johnson-Davis
IATDMCT Website & Educational Resources

Website

Website updates & content reorganization
- Webmaster: Alain Verstraete, Belgium
- Deputy Webmaster: Vacant

Directors of Educations – select content material for website
Announcements of new content are made in the E-News
- Katharina Rentsch, Switzerland
- Erik van Maarseveen, The Netherlands
- Staffan Rosenborg, Sweden

Videos from regional meeting in India
Selected lectures from Kyoto Congress
2018 Congress in Brisbane
Coordination of 2019 Congress Materials
IATDMCT Congress 2019 Foz do Iguassu

- **CC roles covering**
  - Twitter → Denise Mc Keown
  - LinkedIn → Maria Shipkova
  - Facebook → Kamisha Johnson-Davis
  - Blog → Jana Stojanova

- Post your news, events & hot topics in IATDMCT social Media
- Tweet @IATDMCT on Twitter
  - #IATDMCT2019
  - #TDM
  - #CT
Recruitment for CC Committee

We are in need of more members to serve on the communications committee.

Questions – please contact Kamisha Johnson-Davis
- kamisha.davis@hsc.utah.edu

Thank you!

- Local Organizing Committee (Rafael Linden and Marina Venzon Antunes)
- IATDMCT Council
- Communication Committee Team
- IATDMCCT Office
Alternative sampling strategies Committee

Jan-Willem Alffenaar, PhD, PharmD, Clinical Pharmacologist (Chair)
University Medical Center Groningen
University of Groningen, Groningen, The Netherlands

Christophe Stove, PhD (Vice-Chair)
Laboratory of Toxicology, Department of Bioanalysis, Faculty of Pharmaceutical Sciences, Ghent University, Ghent, Belgium
Committee Membership

- **Current Members**
  - Jan-Willem Alffenaar
  - Christophe Stove
  - Yngve Berqvist
  - Michael Boettcher
  - Begoña Delgado-Charro
  - Pleasant Hooper
  - Brian Keevil
  - Rafael Linden

- Jan Gerard Maring
- Roland Meesters
- Leo Stolk
- Birgit Koch
- Constantinos Pistas
- Remco Koster
Activities

DBS Guideline (published)

- This guideline defines key elements necessary for the validation of dried blood spot analysis.
- Guidance and criteria are given on the application of these validated methods in the routine analysis of
  - non-regulatory study samples from animal and human studies
  - samples from routine TDM.
Activities

Official International Association for Therapeutic Drug Monitoring and Clinical Toxicology Guideline: Development and Validation of Dried Blood Spot–Based Methods for Therapeutic Drug Monitoring

Sara Capiau, PharmD,* Herman Veenhof, PharmD,† Remco A. Koster, PhD,‡ Yngve Bergqvist, PhD,§ Michael Boettcher, PhD,¶ Otto Halmigh, MSc,‖ Brian G. Keevil, PhD,*** Birgit C.P. Koch, PhD,†† Rafael Linden, PhD,‡‡ Constantinos Pistos, PhD,§§ Leo M. Stolk, PhD,¶¶ Daan J. Touw, PhD,††† Christophe P. Stove, PhD,* and Jan-Willem C. Alffenaar, PhD††‡‡†††
Schematic set-up of the experiments needed to assess the robustness of the extraction procedure and short-term stability.
Publications

Compass

- **Dec ’18 edition:** Dried blood sampling for TDM of anti-epileptics by Sofie Velghe and Christophe Stove. Laboratory of Toxicology, Faculty of Pharmaceutical Sciences, Ghent University, Belgium

- **Sept ‘19 edition:** A practical guide on building and validating a Dried Blood Spot based method for TDM by the Alternative Sampling Strategies Committee
Output

- Peer reviewed papers related to alternative sampling:
  - n= 22
Immunosuppressive Drug Scientific Committee

Co-Chairs
Deborah JE Marriott, Australia
Dario Cattaneo, Italy

Committee Members
Natalia Rakhman, Ken Kasper, Charles Peloquin, Michael Neely, Jan-Willem Alffenaar, Roger Bruggeman, David Burger, Rafael Linden, Mariadelfina Molinaro, Carsten Mueller, Jason Roberts, Abdullah Saleh Sultan, Gauri Rao, Sumith Matthews, Cindy Lau, Anders Asberg, Erik Eliasson

New members
Birgit Koch, Danijela Kocić, Paul Chin, Indy Sandaradura
Major publication initiatives of the Anti-Infectives group


2. Consensus Guideline on Antimicrobial TDM in Critically Ill Patients. In press
Compass submissions


2. September 2019. Deborah Marriott. The long and winding road: how a microbiologist and infectious diseases physician became an international councilor for IATDMCT
ECCMID 2019 Pre-Conference PK/PD workshop

- sold-out workshop – over-subscribed two-fold with additional places opened
- majority of speakers were members of IATDMCT
- to be repeated in 2020 due to success of the programme
Clinical use of PK/PD for individualization of antibiotic therapy. Birgit Koch.

Anti-infective agents and therapeutic drug monitoring: the ultimate precision medicine when no two patients are alike. Danijela Kocic, Jan-Willem Alffenaar, Miao Yan.

Not just tuberculosis: the therapeutic challenge of acid-fast organisms. Deborah Marriott, Michael Neely, Jan-Willem Alffenaar

Oral presentation session
Scientific contribution

• Members of the anti-infectives committee have over 100 publications in refereed journals in the last 12 months
• Presentations at over 30 national and international conferences
• 12 regular reviewers for peer-review journals
Future activities

- Regional anti-infectives TDM conference to be organized under auspices of IATDMCT. Planned for Penang, Malaysia in February 2021
- Possibility of regional meeting in India to be explored
- Seek opportunities for affiliation with other appropriate societies
Future activities

• Submit proposals for 2020 ASM
• Continue contributions to Compass
• Update IATDMCT website
• New social media team appointed to support Communication group
Committee: Clinical Toxicology and Drugs of Misuse

Chair: Professor Manuela Neuman  
University of Toronto, Canada

Vice Chair: Professor Katharina Rentsch  
Universitätsspital Basel, Klinische Chemie, Basel

Past Chair: Professor Vanessa Steenkamp  
Deputy Dean, University of Pretoria, South Africa
MEMBERS

- **Professor Dr. Hans H. Maurer**, University of Saarland, Germany
- **Dr Frank Peters**, Institute of Forensic Medicine, Friedrich Schiller University of Jena
- **Dr Gwendolyn McMillin**, University Pathologists Laboratories, Salt Lake City
- **Dr Amanda Jenkins**, University of Massachusetts, MA
- **Dr Pascal Kintz**, Laboratoire ChemTox, France
- **Professor Alain Verstraete**, Ghent University Hospital, Ghent
- **Professor Daan Touw**, University Medical Center Groningen, Netherlands
- **Professor Dr Olaf Drummer**, Monash University, Australia
- **Professor Kamisha Johnson-Davis**, University of Utah, Salt Lake City
- **Professor Amitava Dasgupta**, University of Huston, Texas
MAMBERS

- Professor Dr. Marilyn A. Huestis, Consultant Baltimore, USA
- Professor Eric Franssen, The Netherlands
- Professor Saeed A. Jortani, University of Louisville, USA
- Professor Constantines Pistos, West Chester University, PA, USA
- Professor Dr. Tai C. Kwong, University of Rochester Medical Center, USA
- Dr. John F. Wilson, Cardiff Bioanalytical Services Ltd, Wales, UK
- Professor Dr. Steven Wong, Wake Forest University, Winston-Salem NC, USA
- Professor Loralie Langman, Mayo Clinic, Rochester, USA
- Prof. Shusen Sun, Western New England University, Springfield, MA, USA
- Dr. Marike Sturkenboom, University Hospital, Groningen, Nederland
- Dr. Cristiana Stefan, Centre for Addiction and Mental Health, Toronto, Canada
- Prof. David Kinniburgh, University of Calgary, Canada
- Professor Franck Saint-Marcoux, Limoges University Hospital, France
- Prof. Minodora Dobreanu, University of Targu Mures, Romania
NEW MEMBERS

- **Prof. Daniel Kurnik**, Rambam Medical Center, Technion, Haifa, Israel
- **Dr. Daniel Sundar**, Baid Metha College of Pharmacy, Chennai, India.
- **Dr. Peter Zweipfenning**, The Neetherlands
- **Dr. Daniel Beriault**, Saint Michel Hospital, Toronto, Canada
- **Dr. Serguei Likhodi**, BC Provincial Health Authority, Vancouver, Canada
- **Dr. Benjamin Jung**, Sick Kids Hospital, Toronto, Canada
- **Professor. Andrew Lyon**, University of Calgary, Calgary, Canada
PURPOSE

• To promote the discipline of Clinical Toxicology within the IATDMCT by:
  • Developing practice guidelines, in particular fields of clinical toxicology/drugs of misuse;
  • Publishing scientific and professional articles in the field of clinical toxicology;
  • Writing for Compass;
  • Being active in IATDMCT
  • Holding workshops/symposia at the IATDMCT Congress and other scientific Meetings
COMPASS

- **2018- March:** KRATOM – IS IT A CURE FOR OPIOID ADDICTION AND CHRONIC PAIN OR IS IT A DANGEROUS DRUG? Kamisha L. Johnson-Davis. University of Utah, Utah, USA

- **June:** CLINICAL TOXICOLOGY AT THE INTERFACE BETWEEN NOVEL DRUGS OF ABUSE AND NOVEL TECHNOLOGIES Cristiana Stefan, Centre for Addiction and Mental Health, Toronto, ON, Canada

- **September:** CANNABIS CONTROVERSY IN EPILEPSY. Manuela G. Neuman. In Vitro Drug Safety and Biotechnology, University of Toronto, Toronto, Canada

2019

- **Is Gabapentin (Neurontin) Misuse on your radar?** Kamisha L. Johnson-Davis. University of Utah, Utah, USA

- **Alcohol, Nutrition, Microbiota and Liver Damage.** Manuela G. Neuman. In Vitro Drug Safety and Biotechnology, University of Toronto, Toronto, Canada

- **The Poisoned Patient: How to Communicate with Clinicians and Guide Further Testing-** Amitava Desgupta, University of Huston, Texas
A. J. Jenkins: Toxicological Findings in Driving Under the Influence Cases in North East Ohio: A 6 Year Study. 71st Annual Meeting of the American Academy of Forensic Sciences, Baltimore, MD.

Prof. A. Verstraetae received Sunshine Award

Prof. Maurer and Prof. Verstraetae were invited speakers at the RACC.

Prof Maurer is an invited Plenary and symposium speaker at the IATDMCT meeting, he gave a one week course on Clinical & Forensic Toxicology, Campinas University, Brazil, is also Editor of the Issue, "New Psychoactive Substances“, of the "Handbook of Experimental Pharmacology“
MEMBERS: SCIENTIFIC CONTRIBUTION

- **Prof. David Kinnisburgh** is heading the IFCC. He presented at EUROLAB and is an invited speaker the IATDMCT

- Prof. L. Langman organized symposium on Clinical Toxicology at CSCC
  - Editor of Clinical Biochemistry

- Kamisha Johnson-Davis is the Vice-chair for the Clin. Chemistry and Toxicology expert panel for the Clin. & Laboratory Standards Institute and co-director Clin. Chemistry Fellowship Program, University of Utah,
  - 1. Johnson-Davis KL. (2018) Opiate & benzodiazepine confirmations: to hydrolyze or not to hydrolyze is the question. JALM 2(4), 564-572.
  - 2. Smith KA, Merrigan SD and Johnson-Davis KL. (2018) Selecting a structural analog as an internal standard for the quantification of 6-methylmercaptopurine by LC-MS/MS. JALM 3(3):384-396
MEMBERS: SCIENTIFIC CONTRIBUTION

- **Prof. Eric J.F. Franssen**, Pharm.D., Ph.D, is planning to organize two symposia on toxicology (clinical and postmortem toxicology and education) at IATDMCT meeting.

- **Dr. Cristiana Stefan** presented at the 71st AACC Annual Scientific Meeting, 4-8 August, Anaheim, CA, USA and has an oral presentation at the IATDMCT at Foz do Iguaco.

- **Prof. Minodora Dobreanu** co-organized the RACC in June, Romania

- **Prof. Manuela Neuman** organized several meetings and wrote scientific papers
  - 4th International Conference on Alcohol and Cancer, Newport, US; Dermatology and Venerology Association Meeting, Eilat Israel;
  - 10th Symposium on Alcohol and Organ Damage, June 22, Minneapolis, US.
SESSIONS -

September 25th: **Clinical Toxicology**, 7:45-8:45

- Immunotoxicity: drug-induced and herbal-induced hypersensitivity reactions *(M. Neuman)*
- Oxidative Stress and Inflammation in Kidney Transplantation. The effect of immunosuppression *(E. Wieland)*

- **Environmental Toxicology**, "Lead: The human risk from drinking water, *(D. Kinniburgh)*

- **C. Stefan and K. Johnson Davis** have also oral presentations *(Sept 26)*
SYNPOSIA – ORAL PRESENTATIONS

Clinical Toxicology September 26 (8:45-10)

1. Emergencies in Toxicology
   Scorpion envenomation in South America. *F Bucaretchi*
   Acute Intoxications: taking clinical decisions before laboratory results. *E. Mello de Capitani.*
   Analytical Strategy for Effective 24/7 ClinTox Services - From Screening to Simplified Blood Level Assessment. *Hans H. Maurer*

   □ Specialty Toxicology Investigation: Identification of AMB-FUBINACA following a hospital medical emergency – C. Stefan
   – Sept 25, 8:45-10:30
THANK YOU
Immunosuppressive Drug Scientific Committee

- **Mercè Brunet (Chair)/Stein Bergan (Vice-Chair)**
  Hospital Clinic of Barcelona. Barcelona, Spain/Oslo University Hospital. Oslo, Norway.

- **Committee Members**
  Barten, Markus; Billaud, Eliane; Budde, Klemens; Christians, Uwe; Elens, Laure; van Gelder, Teun; Hesselink, Dennis A; Holt, David; Johnson-Davis, Kamisha- L; Kunicki, Pawel; Langman, Loralie; Lemaitre, Florian; MacPhee, Iain; Marquet, Pierre; Mason, Donald S; Masuda, Satohiro; Mathew, Binu S; Millán, Olga; Milone, Michael; Moes, Dirk-Jan; Morris, Ray; Noceti, Ofelia; Oellerich, Michael; Pawinski, Tomasz; Seger, Christoph; van Schaik, Ron; Shaw, Leslie; Shipkova, Maria; Taylor, Paul; Vethe, Nils Tore; Vinks, Sander; Wallemacq, Pierre; Wieland, Eberhard.
Background & Purpose

- To provide evidence-based recommendations for TDM of immunosuppressive agents

- To promote the knowledge and understanding of immunosuppressive drug analysis and interpretation of results

- To enhance communication between scientists and physicians of all disciplines involved in TDM of immunosuppressive drugs

- To encourage the effective application of TDM in transplant medicine, with the aim of optimizing clinical drug use and maximizing the clinical and economic benefits
Committee Achievements for 2018-2019

Consensus Documents

Therapeutic Drug Monitoring of Tacrolimus-Personalized Therapy: Second Consensus Report

Mercè Brunet, PharmD, PhD,1 Teun van Gelder, MD, PhD,2 Anders Åsberg, PhD,3 Vincent Haufler, PharmD, PhD,4,5 Dennis A. Hesselink, MD, PhD,6 Lorali Langman, PhD,7 Florian Lemaitre, PharmD, PhD,8 Pierre Marquet, MD, PhD,9 Christoph Seger, PhD,10 Maria Shipkova, MD,11 Alexander Vinks, PharmD, PhD,12,13 Pierre Willemsen, PharmD, PhD,14 Eberhard Wieland, MD,11 Jean Baptiste Wollard, PharmD, PhD,15 Markus J. Barten, MD,16 Klemens Budde, MD, PhD,17 Helena Colom, PharmD, PhD,18 Maja-Theresa Dieterlen, MD,19 Laure Elens, PhD,20 Kamisha L. Johnson-Davis, PhD,21 Paweł K. Kumičík, PhD,22,23 Iain MacPhee, MD,24 Satohiro Masuda, PhD,25 Binu S. Mathew, MD,26 Olga Millán, PhD,1 Tomoyuki Mizuno, MD,12,13 Dirk-Jan A. R. Moes, PharmD, PhD,27 Caroline Monchaud, PharmD, PhD,15 Ofelia Nocetti, PharmD, PhD,28 Tomasz Pawinski, PhD,29 Nicolas Picard, PharmD, PhD,15 Ron van Schaik, MD,29 Claudia Sommer, MD,30 Nils Tore Vethe, PhD,31 Brenda de Winter, PharmD, PhD,32 Uwe Christians, MD, PhD,33 and Stein Bergan, PhD34

Ther Drug Monit 2019; 41: 261-307.

Participants: practically all members of the Immunosuppressive Drugs Committee and some members of the Pharmacogenetics and Pharmacometrics Committees; 37 expert authors from 28 International Referent Centers in Transplantation. Coordinators: Mercè Brunet and Stein Bergan.
Committee Achievements for 2018-2019

- Participation in Symposia and workshops

  - IATDMCT Congress, Brisbane 2018. Active participation in symposia (1, 2, 5, 14, 16) and contributed papers.

  - EUROMEDLAB 2019 Congress, SECQ /Joint Scientific Meeting in Barcelona.

    Symposium on Personalized Immunosuppression to improve clinical outcomes:

    Monitoring tacrolimus intracellular concentrations, would it help better predicting graft clinical outcome? , F. Lemaitre

    Pharmacogenetic Biomarkers Predictive of the Pharmacokinetics and Pharmacodynamics of ISDs, T. van Gelder

    The role of Biomarkers in Solid Organ Transplantation, M. Brunet

    Dissemination of the Therapeutic Drug Monitoring of tacrolimus-personalized Therapy: Second Consensus Report.

    Chairs: T. van Gelder and M. Brunet
Committee Achievements for 2018-2019

- Participation in Symposia and workshops (II)
  

- Active participation in the Compass
  
  
Committee Achievements for 2018-2019

- Educational Activities

  - Preparation and posting of educational materials on the Resources area of the IATDMCT website: a list of the most relevant Review articles/Consensus documents with contribution of our Committee members, published between 2017 and 2019, has been posted in the Resources area of the web. Participants: M. Shipkova and some members of the ISDs Committee.
Working Groups Achievements for 2018

- **The Biomarker Working Group***
  
  
  *Leader: Uwe Christians*

- **The Intracellular tacrolimus measurement Working Group***
  
  
  *Leader: Florian Lemaitre*
Committee Achievements for 2018

- Standardization of ISDs TDM Working Group

The IFCC-WG-ID Meeting in EuromedLab in Barcelona, May 2019, was fruitful and some of the initiatives discussed at the meeting in Barcelona were:
  - to create a joint committee between the IATDMCT and the IFCC.
  - participants in this project may contribute to a manuscript on Standardization of ISDs TDM.

Participants of ISDs Committee: T. Pawinski, P. Kunicki, M. Shipkova, E. Wieland, M. Brunet, T. van Gelder

*Leaders: Christoph Seger & Loralie Langman (and Co-Chairs of the IFCC Working Group for the Standardization of ISDs.)
## Pharmacogenetics Committee

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution and Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vincent Haufroid (chair)</td>
<td>University of Louvain, Brussels, BE</td>
</tr>
<tr>
<td>Nicolas Picard (vice chair)</td>
<td>Limoges University Hospital, FR</td>
</tr>
<tr>
<td>Teun van Gelder</td>
<td>Erasmus MC Rotterdam, NL</td>
</tr>
<tr>
<td>Mark Linder</td>
<td>University of Louisville, USA</td>
</tr>
<tr>
<td>Werner Steimer</td>
<td>Technische Universitat Munchen, GER</td>
</tr>
<tr>
<td>Iain McPhee</td>
<td>St George’s University London, UK</td>
</tr>
<tr>
<td>Ron van Schaik</td>
<td>Erasmus MC Rotterdam, NL</td>
</tr>
<tr>
<td>Laure Elens</td>
<td>University of Louvain, Brussels, BE</td>
</tr>
<tr>
<td>Stein Bergan</td>
<td>Oslo University Hospital, NO</td>
</tr>
<tr>
<td>Jesse Swen (chair elect)</td>
<td>Leiden University MC, NL</td>
</tr>
<tr>
<td>Tsuyoshi Fukuda</td>
<td>Cincinnati children’s Hospital, USA</td>
</tr>
<tr>
<td>Steven Wong</td>
<td>Wake Forest School of Med., USA</td>
</tr>
<tr>
<td>Jana Stojanova</td>
<td>University of Valparaíso, Chile</td>
</tr>
<tr>
<td>Andrew Somogyi</td>
<td>University of Adelaide, Australia</td>
</tr>
</tbody>
</table>
Recent activities

• Publications in TDM journal


• Contribution in IATDMCT compass

Picard N and Haufroid V on behalf of the Pharmacogenetics Committee. Physician and pharmacist awareness and education about pharmacogenetics: The next challenge for clinical implementation? IATDMCT Compass December 2018: 9-10

Haufroid V and Picard N on behalf of the Pharmacogenetics Committee. Genotyping versus Phenotyping: The case of fluoropyrimidines. IATDMCT Compass June 2019: 9-10
Recent activities

• Organization of the PGx session in Foz do Iguaçu 2019

  Morning session PGx on Tamoxifen (23/09/2019)
  Dr J. Swen and Dr Y. Tanigawara

  Symposium on PGx in oncology (25/09/2019)
  DPYD and 5-FU Dr T. van Gelder
  UGT1A1 and beyond Dr J.C. Boyer
  ABCG2 and TKIs Dr T. Terada

• Validation of minimal NGS panel for PGx applications

  Picard N and Haufroid V, on behalf of the Pharmacogenetics Committee, in the French national network of pharmacogenetics (RNPGX). Validated panel PGx44
Connections

- AACC Personalized Medicine Division (RvS)
- IFCC Pharmacogenetic Task Force (RvS)
- ESPT (European Soc Pharmacogenetics) (RvS)
- EMA Pharmacogenetics Working Group (RvS)
- Dutch Pharmacy Group Pharmacogenetics (RvS, JS)
- Dutch Clinical Chem Pharmacogenetics Network (RvS, JS)
- French National Network of Pharmacogenetics, RNPGx (NP, VH)
- European Pharmacogenetics Research Network - EuPIC (RvS, VH, NP, LE, JS)
- H2020 European Project (UPGX) (JS, RvS)
- CPIC (RvS, VH, ML, JSv, JSt)
Future activities

• Changes in the composition of the PGx Committee:
  new chair: Dr Jesse Swen (NL)
  vice chair: Dr Nicolas Picard (FR)

• Make proposal for IATDMCT PGx session in Banff, Alberta, Canada 2019

• Propose/validate a (minimal) NGS panel to be used for pharmacogenetic applications in the field of TDM and CT (to be published in IATDMCT Compass)

• Explore the need for updated PGx guidelines in immunosuppressive therapy
International Association of Therapeutic Drug Monitoring
Annual General Meeting | Wednesday, September 25, 2019

Young Scientists Committee (YSC) 2019

Indy Sandaradura
Australia

Yosuke Suzuki
Japan

Brenda de Winter
The Netherlands

Jana Stojanova
Chile

Markus R. Meyer (Chair)
Germany

Laure Elens (Vice-Chair)
Belgium

Sarah Wille
Belgium

Nicolas Picard
France

Sumith K Mathew
India

Tomoyuki Mizuno
USA
Activities in Foz do Iguassu

Young Scientist Committee Meeting
Succession within the committee

- Retired
  - Sarah, Indy, Nicolas, Markus
Activities in Foz do Iguassu

Young Scientist Committee Meeting

Succession within the committee

- New committee members
  - Lea Wagmann, Germany
  - Sophie Stocker, Australia
  - Miao Yan, China
Activities in Foz do Iguassu

Young Scientist Committee Meeting

Succession within the committee

• New Chair
  • Laure Elens, Belgium

• New Vice-Chair
  • Brenda de Winter, The Netherlands
Activities in Foz do Iguassu

YS “Night Out” (Sunday)
Over 50 Young Scientists enjoyed bowling alley
... to be continued in Banff ...
Activities in Foz do Iguassu

IATDMCT YS Symposium (Monday)

• Speakers
  Samiksha Ghimire, The Netherlands
  Jana Stojanova, Chile
  Tomoyuki Mizuno, USA
Activities in Foz do Iguassu

- Selecting Young Scientist Awards (oral/poster)
- 20 entries (oral), 30 entries (poster)
- Evaluation prior to congress (10 entries each)
Frequent Compass Contributions (YS Corner)

• December 2018: “IATDMCT CONGRESS 2018 - TOP SCIENCE DOWN UNDER” (by Indy)
• March 2019: “MEET THE NEW COMMITTEE MEMBERS!” (Jana and Yosuke)
• June 2019: “YOUNG SCIENTIST ACTIVITIES IN BRAZIL” (by Jana)
• September 2019: “DRUG NON-ADHERENCE, DEFINED BY UNDETECTABLE DRUG LEVELS, AS CAUSE OF …” Best Poster 2018 (by Jorie)
Meetings with other YS Groups

- Joined meeting with the JSTDM
- Joined meeting with CHINA-TDM
- Both will be continued next year!
Toxicology and Environmental Health

Chair: Nicolas Venisse
Vice-chair: David Kinniburgh
Members:
- Guillaume Binson, Poitiers, France
- Guillaume Cambien, Poitiers, France
- Corinne Charlier, Liege, Belgium
- Penny Colbourne, Edmonton, Canada
- Antoine Dupuis, Poitiers, France
- Souleiman El Balkhi, Limoges, France
- Sami Haddad, Montréal, Canada
- Kamisha Johnson-Davis, Salt Lake city, USA
- Manuela Neuman, Toronto, Canada
- Steeve Rouillon, Poitiers, France
- Franck Saint Marcoux, Limoges, France
Report

Symposium at IATDMCT conferences

- Brisbane 2018 conference:
  - Symposium: Alternative matrix for the determination of human exposure to environmental pollutants

- Foz 2019 conference:
  - Morning session: Lead poisoning in the 21st century level
  - Symposium: Environmental pollutants and health outcomes: an overview of recent evidence

Article for Compass

- Glyphosate exposure in the general population: Sept 2019 issue
Future contributions

- Development of a Bioanalytical validation guideline in environmental health toxicology
  - Ongoing, first draft sent to members
  - Presentation at the 2020 conference?

- Proposal for a joint symposium at Society of Toxicology 2021 conference
  - Proposal preparation and submission in the beginning of 2020
Future contributions

- Proposal for symposium at IATDMCT 2020 conference in Banff
- Submission(s) to Compass
The Biomarkers Working Group

Project overview 2018/ 2019

Contribution of Section “Pharmacodynamic Biomarkers for TAC Monitoring” to Therapeutic Drug Monitoring of Tacrolimus-Personalized Therapy: Second Consensus Report
Lead: E. Wieland, K. Budde
Published in Therapeutic Drug Monitoring in the June 2019 issue

Therapeutic Drug Monitoring Focus Issue (April 2019)
Focus on Pharmacodynamic Drug Monitoring
Lead: M. Shipkova

Project overview 2019/ 2020

Second Consensus Document on Biomarkers of ISDs in Transplantation
Lead: U. Christians
Oncology SubCommittee – Chair: Professor Jenifer Martin - physician and clinical pharmacologist.

2019 was a bit chaotic for this committee as the Chair of the Committee for 2018/2019 resigned just before the Brisbane meeting. Jennifer Martin stepped up to carry the Committee until Iguassu.

We found this Committee did not have a list of names of members, there were no minutes of previous meetings, no SOPs, guidelines had been written on behalf of IATDMCT Oncology committee without being endorsed by a process nor the Committee (and several contributors named at Kyoto meeting were not included) and there was no plan for regular teleconferences.

Further, the selection of symposia for IATDMCT did not seem to be based on an open call within the committee and the process of selection of speakers was unclear. This made it difficult to know if younger members were given reasonable opportunities to present their work and lead proposals.

In addition, we felt that the support of science would be difficult without such an administrative structure, and reached out to other committees and more recently to the office of IATDMCT with the request for administrative support to get this committee going. Overall the response has not been great although the antibiotics committee kindly provided support to one of our members who will lead the development of a Guidelines process going forward. A process for the Chair to link in with the IATDMCT office on such issues would be helpful.

In the meantime Professor Martin has set up a system and email list for members to keep in contact, and has held two teleconferences to organize the Iguassu meeting and a develop a system for choosing topics and speakers. She has organized an internet video link from her home institution in Australia for the meeting on Monday so members not at IATDMCT can attend the meeting.

There is now an XLS plan for symposia and speakers, which was ranked for Iguassu and will be used as a basis for Banff.

The most outstanding issue is the process for developing guidance and Guidelines in TDM. This is a key KPI for 2019/2020 for the committee. The new Chair (elected in Brisbane in 2019) is Erik Van Marseveen, an oncology pharmacist/pharmacologist from Netherlands.

Agenda for the Iguassu meeting includes the following topics:

**Minutes of the 2018 meeting**

**Introduction to new members** – discussion of how IATMDCT can help the committee with knowing who its members are

**Achievements this year** – 5FU Guideline published,
Work in progress – paclitaxel guideline, BJCP Reviews, imatinib guidelines

Development of process for Guidelines –
Process for selecting speakers and symposia from the Committee – need to select already for next year (JM – see attachment)

Sub committees
Periodic conference calls
Communications and outreach to other organisations
Choice of new Vice and subsequent Chair

Other issues

Overall, the committee has had a tough year but the governance planned and confirmed in the next meeting will cement some of this. Closer relationships and some support from the Office would make this role run more smoothly. TDM of Oncology is really gaining ground and going forward this will be a big strength to the organization in the future.

I am not present in Iguassu (already known a year ago as I was rostered on hospital service) but I look forward to seeing you all at Banff.

Jennifer Martin MBChB, MA (Oxon.), FRACP, PhD, GAICD
Chair of Oncology Subcommittee 2018-2019