Invited Faculty

- Prof Hee-sun Chung, Graduate School of Analytical Science & Technology (GRAST), Republic of Korea
- Dr Dimitri Gerostamoulos, Victorian Institute of Forensic Medicine, Australia
- Dr Alida Grove, National Dept Of Health - Pathology Services, South Africa
- Dr Daniel S. Isenschmid, NMS Labs, USA
- Dr Carmen Jurado, National Institute of Toxicology and Forensic Sciences, Spain
- Dr Robert Kranstrand, National Board of Forensic Medicine, Sweden
- Dr Marc Lefleau, Federal Bureau of Investigation, FBI Laboratory, USA
- Prof Nikolas Lemos, The University of California, San Francisco, USA
- Prof Lorna Martin, UCT Division of Clinical Pharmacology, South Africa
- Prof Hans H. Maurer, Institute of Experimental and Clinical Pharmacology and Toxicology, Germany
- Dr Alain G. Verstraete, Ghent University Hospital, Belgium

Acknowledgements

We sincerely thank the following companies for their generous and valuable support of this important educational meeting.

Meeting Organisers

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Welcome Letter

I can’t believe that our Regional Meeting is finally happening – the seeds for this dream were sown at my first international TIAFT meeting in Funchal, Madeira in 2013 when I met the board members who have travelled from afar to be with us today.

I’d like to personally welcome each of you to this event which I hope will act as a catalyst for the development of the Forensic Toxicology discipline in South Africa. This is such an exciting and interesting field in which to work and study and I am so happy to have helped facilitate bringing inspired people together.

Throughout this meeting, I ask that you stay engaged – make us proactive and involved - so that we can meet the challenges in this field and in so doing, help shape the future of forensic toxicology in our country.

I hope this meeting is a fulfilling and memorable one for all of us!

Alicia
TIAFT Regional Representative for South Africa

Scientific Programme

Monday, 16th May 2016

09h30 Reprovision and coffee
09h30 Alicia Evans Welcome and introductions
09h45 Hee-sun Chung Trends and analysis of amphetamine type stimulants
10h30 Daniel Knorr Forensic toxicology: Best practices and case examples
11h00 Alicia Evans BREAK
11h30 Alida Grove An overview of forensic toxicology service in South Africa
11h45 Lorna Martin Forensic toxicology – a pathologist’s perspective
12h00 Alain Verstraete Driving under the influence of alcohol and drugs: Risks and counter measures
12h30 Marc LeBeau Method validation in forensic toxicology laboratories
13h15 LUNCH
14h15 Hans Maurer Drugs of abuse testing - screening and confirmation by hyphenated mass spectrometry
15h00 Dimitri Gerostamoulos Quality System: ISO/IEC 17025 applied to forensic toxicology
15h45 Break
16h15 Carmen Jurado Applications of hair analysis in forensic toxicology
17h00 Marc LeBeau Improving toxicological investigations of drug facilitated crimes
18h00 Cocktail Party - Harbour View Room

Scientific Programme

Tuesday, 17th May 2016

09h00 Coffee
09h00 Dimitri Gerostamoulos Past midwot drug changes and artifacts: Factors affecting toxicological interpretation
09h45 Alain Verstraete Free resources for analytical and forensic toxicologist
10h30 Carmen Jurado Alcohol markers in hair: A useful tool to establish chronic alcohol consumption
11h00 Break
11h30 Nikola Lemos Nail analysis in forensic toxicology
12h15 Marc LeBeau Effective root cause analysis in forensic laboratories
13h00 Lunch
14h00 Robert Kronstrand Toxicological analysis and interpretation in opioid related deaths
14h45 Hans Maurer Analytical strategy for effective clinical toxicology services – the broad approach far beyond immunochemical limitations
15h30 Break
16h00 Carmen Jurado The role of toxicology in sudden cardiac death in sports
16h30 Hee-sun Chung Closing remarks
18h00 Alicia Evans Thanks