

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
Mrs Alida Grove	National Dep 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 Kronstrand	National Board of Forensic Medicine	Sweden
Dr Marc LeBeau	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

Meeting Organisers

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Acknowledgements

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CAPE TOWN SA
16-17 May 2016

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, 16 th May 2016		
08h30		Registration and coffee
09h30	Alicia Evans	Welcome and introductions
09h45	Hee-sun Chung	Trends and analysis of amphetamine type stimulants
10h30	Daniel Isenschmid	Forensic toxicology: Best practices and case examples
11h00		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/IEC17025 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, 17 th May 2016		
08h00		Coffee
09h00	Dimitri Gerostamoulos	Post mortem drug changes and artefacts: Factors affecting toxicological interpretation
09h45	Alain Verstraete	Free resources for analytical and forensic toxicologists
10h30	Carmen Jurado	Alcohol markers in hair: A useful tool to establish chronic alcohol consumption
11h00		BREAK
11h30	Nikolas 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
	Alicia Evans	Thanks

