



Irish Society of Toxicology  
Cumann Toxicineolaíochta na hÉireann



# Toxicological 21<sup>st</sup> Century Issues: Immuno, Neuro and Repro

## Programme

9.30: Registration

### 10.00: Opening Ceremony

Prof. Ciaran O'Cathain, AIT President

### 10.05: 'Toxicological implications to the decline in male fertility'.

Dr. Michael Carroll, Academic Lead: Reproductive Science, Manchester Metropolitan University, UK.

### 10.55: 'Inflammation and its resolution new insights into autoimmunity'.

Prof. Derek Gilroy, Head of Centre for Clinical Pharmacology, UCL, London, UK.

### 11.40: Refreshments

### 12.00: 'Health shop recreational drug screening'

Dr. Sinead McNamara, The National Drug Advisory and Treatment Centre (DTCB), Dublin

### 12.15: 'Neurotoxicity of illicit psychoactive substances - from cell to fish'

Dr. Therese Montgomery, Faculty of Science and Health, Athlone Institute of Technology

### 12.30: 'Development of a humanised mouse platform model of allergy and inflammation to test functional foods.'

Aine Flood, Dept. Biology, NUI Maynooth

### 12.45: 'Detection of EDC's in Plastic bottles'.

Clare Brennan, Research Dept., Athlone Institute of Technology

### 13.00: 'Designing an ecotoxicological toolbox for silver nanoparticle detection in freshwater'.

Ian Murray, Research Dept. Athlone Institute of Technology.

### 13.15: Close of Meeting

13.20: Presentation of the Iona Pratt medal for best poster on a Toxicology-related theme.

### 13.30: Refreshments:

The seminars will be followed by the Annual General Meeting of the Irish Society of Toxicology (Members only)

If you wish to attend the seminars, please register at [eventbrite.com](http://eventbrite.com)

If you wish to present a poster, please forward your name and workplace details to:-

[info@toxicologyireland.com](mailto:info@toxicologyireland.com)



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## Irish Society of Toxicology Annual Conference

Toxicological impact assessment of a variety of chemical substances such as nanoparticles or those found in water, foods, drugs and plastics are posing difficult challenges when examining the toxic impact on the body and its systems. Immunological, neurological and reproductive consequences are examined to assist our understanding of the actual impact of exposure to chemicals in our environment. Novel toxicity studies are explored to aid our understanding with what is happening within the body and the difficulties we have in predicting the toxic potential associated with any given substance. **This conference will explore the toxicological impact of substances, models for sensitive detection and accurate prediction of effects on body systems.**

**Friday 24<sup>th</sup> November 2017**

**B10 Main Campus Building,**

**Athlone Institute of Technology**

**Dublin Road, Athlone, Co. Westmeath**

**Registration from 9.30 am**