



## Young Investigator Award

### 2018 Winner: Patrick Vizeli

Vizeli P, Meyer zu Schwabedissen HE, Liechti ME.

Role of norepinephrine transporter gene variations in the cardiostimulant effects of 3,4-methylenedioxymethamphetamine (MDMA)

Department of Clinical Pharmacology and Toxicology, University Hospital of Basel, Basel, Switzerland; University of Basel, Basel, Switzerland

### 2017 Winner: Daniel J. Antoine

Dear JW<sup>1</sup>, Clarke JJ<sup>2</sup>, Francis B<sup>2</sup>, Philips L<sup>1</sup>, Wraight J<sup>1</sup>, Dargan PI<sup>3</sup>, Wood DM<sup>3</sup>, Cooper J<sup>4</sup>, Thomas SHL<sup>5</sup>, Jorgensen A<sup>2</sup>, Pirmohamed M<sup>2</sup>, Park BK<sup>2</sup>, Antoine DJ<sup>2</sup>

Mechanistic biomarkers stratify patients after paracetamol overdose with high sensitivity and specificity.

<sup>1</sup> University of Edinburgh, Edinburgh, UK

<sup>2</sup> University of Liverpool, Liverpool, UK

<sup>3</sup> Guy's and St Thomas' NHS Foundation Trust, London, UK

<sup>4</sup> Aberdeen Royal Infirmary, Aberdeen, UK

<sup>5</sup> Newcastle University, Newcastle, UK

### 2016 Winner: Dino Luethi

Luethi D<sup>1</sup>, Krähenbühl S<sup>1</sup>, Liechti ME<sup>1</sup>

Hepatotoxicity of novel psychoactive substances structurally related to 3,4-methylenedioxymethamphetamine (MDMA) and methamphetamine.

<sup>1</sup> Clinical Pharmacology and Toxicology, University Hospital, Basel, Switzerland

### 2015 Winner: Anjana Silva

Silva A<sup>1,2</sup>, Siribaddana S<sup>2</sup>, Sedgwick EM<sup>3</sup>, Maduwage K<sup>4</sup>, Buckley N<sup>3</sup>, Isbister GK<sup>4</sup>

Indian Krait (*Bungarus caeruleus*) envenoming: A clinical and neurophysiological investigation of neuromuscular dysfunction.

<sup>1</sup> Monash Venom Group, Monash University, Melbourne, Australia

<sup>2</sup> Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka, Saliyapura, Sri Lanka

<sup>3</sup> South Asian Clinical Toxicology Research Collaboration, University of Peradeniya, Peradeniya, Sri Lanka

<sup>4</sup> School of Medicine and Public Health, University of Newcastle, Newcastle, Australia



## Young Investigator Award

**2014 Winners:** Laura Hondebrink and Anne-Sophie Hanak (*ex aequo*)

Hondebrink L<sup>1</sup>, Hermans EJP<sup>2</sup>, van Kleef RGDM<sup>2</sup>, Meulenbelt J<sup>1,2,3</sup>, Westerink RHS<sup>2</sup>

The role of GABA receptors during intoxications with designer drugs: A mechanismbased approach for piperazine-derivatives.

<sup>1</sup> National Poisons Information Center, University Medical Center Utrecht;

<sup>2</sup> Neurotoxicology Research Group, Institute for Risk Assessment Sciences, Utrecht;

<sup>3</sup> Department of Intensive Care Medicine, University Medical Center Utrecht, The Netherlands

Hanak AS<sup>1</sup>, Chevillard L<sup>1</sup>, El-balkhi S<sup>1</sup>, Risède P<sup>1</sup>, Peoc'h K<sup>1</sup>, Mégarbane B<sup>1,2</sup>

Study of lithium pharmacokinetics in the rat according to the three different modalities of human poisoning.

<sup>1</sup> INSERM U1144, Paris-Descartes University;

<sup>2</sup> Department of Toxicological and Medical Intensive Care, Lariboisière Hospital, Paris, France



## Young Investigator Award

### 2013 Winner: Alex Manini

Manini A<sup>1</sup>, Hoffman RS<sup>2</sup>, Stimmel B<sup>3</sup>, Vlahov D<sup>4</sup>

Risk factors for cardiovascular events in emergency department patients with drug overdose.

<sup>1</sup> Division of Medical Toxicology, Department of Emergency Medicine, Mount Sinai School of Medicine, New York;

<sup>2</sup> Department of Emergency Medicine, NYU School of Medicine, New York;

<sup>3</sup> Cardiology Division, Mount Sinai School of Medicine, New York;

<sup>4</sup> UCSF School of Nursing, San Francisco, USA;

### 2012 Winner: Hisham Alhaddad

Alhaddad H<sup>1</sup>, Cisternino S<sup>1</sup>, Risède P<sup>1</sup>, Baud FJ<sup>1,2</sup>, Mégarbane B<sup>1,2</sup>

Role of P-glycoprotein in norbuprenorphine transport at the blood-brain barrier in mice: Considerations for buprenorphine respiratory toxicity.

<sup>1</sup> INSERM U705, Paris-Descartes University, Paris, France;

<sup>2</sup> Department of Medical and Toxicological Critical Care, Lariboisière Hospital, Paris, France;

### 2011 Winner: Geert Versteegen

Destailat F<sup>1</sup>, Cruz-Hernandez C<sup>1</sup>, Giuffrida F<sup>1</sup>, Dionisi F<sup>1</sup>, Mostin M<sup>2</sup>, Versteegen G<sup>2</sup>.

Identification of the botanical origin of commercial pine nuts responsible for dysgeusia by gas-liquid chromatography analysis of fatty acid profile.

<sup>1</sup> Nestle Research Centre, Lausanne, Switzerland;

<sup>2</sup> Belgian Poison Centre, Brussels, Belgium;

### 2010 Winner: Maria Guratowska

Guratowska M<sup>1</sup>, Pach J<sup>2</sup>, Pach D<sup>3</sup>.

Genetic abnormalities and delayed cell death observed in acute carbon monoxide poisoning.

<sup>1</sup> Department of Anthropology, Jagiellonian University;

<sup>2</sup> Department of Clinical Toxicology and Environmental Diseases, Jagiellonian University medical College;

<sup>3</sup> Department of Endocrinology, Collegium Medicum, Jagiellonian University, Kraków, Poland.



## Young Investigator Award

### 2009 Winner: Pradeepa Jayawardane

Jayawardane P<sup>1,2</sup>, Senanayake N<sup>2</sup>, Eyer P<sup>2</sup>, Buckley N<sup>2</sup>, Dawson A<sup>2</sup>.

Electrophysiological correlates of respiratory failure in organophosphate poisoning, evidence for differential roles of muscarinic and nicotinic stimulation.

<sup>1</sup> Clinical Pharmacology, Faculty of Medical Sciences, University of Sri Jayewardenepura, Nugegoda 10250, Sri Lanka;

<sup>2</sup> South Asian Clinical Toxicology Research Collaboration, University of Peradeniya, Sri Lanka;

### 2008 Winner: Nasrin Pakravan

Pakravan N<sup>1,2,3</sup>, Waring SW<sup>1</sup>, Bateman DN<sup>1,2</sup>.

Histamine release is the associated mechanism following acetylcysteine adverse reaction in man.

<sup>1</sup> NPIS Edinburgh, Scottish Poisons Information Bureau, Royal Infirmary of Edinburgh, Edinburgh UK;

<sup>2</sup> University of Edinburgh, Edinburgh, UK;

<sup>3</sup> South Mazandaran University of Medical Science, Iran;

### 2007 Winner: W. Stephen Waring

Wilson AD, Howell C, Waring WS.

Study of the relationship between seizures and rhabdomyolysis after venlafaxine overdose.

<sup>1</sup> NPIS (Edinburgh), Scottish Poisons Information Bureau, Royal Infirmary of Edinburgh, UK