



## Young Investigator Award

### 2023 Winner: Samanta M. Zwaag

Zwaag SM<sup>1</sup>, Hunault CC<sup>1</sup>, de Lange DW<sup>1,2</sup>, Ferrer-Dufol A<sup>3</sup>, Topeli A<sup>4</sup>, Lindqvist E<sup>5,6</sup>, Patrick Druwé<sup>7</sup>, Laubner-Sakalauskiene G<sup>8</sup>, Elhadi M<sup>9</sup>, Rezar R<sup>10</sup>, Baker S<sup>11,12</sup>

Performance of the ICU requirement score (IRS) in predicting the need for ICU admission of intoxicated adult patients: the *INTOXICATE* study.

<sup>1</sup> Dutch National Poisons Information Centre (NPIC), University Medical Center Utrecht, Utrecht, Netherlands;

<sup>2</sup> Department of Intensive Care Medicine, University Medical Center Utrecht, Utrecht, Netherlands;

<sup>3</sup> Unit of Clinical Toxicology, Clinic University Hospital, Zaragoza University, Zaragoza, Spain;

<sup>4</sup> Hacettepe University Ankara, Ankara, Turkey;

<sup>5</sup> Department of Anaesthesiology and Intensive Care, South Hospital Stockholm, Stockholm, Sweden;

<sup>6</sup> Department of Clinical Science and Education, South Hospital Stockholm, Karolinska Institutet, Stockholm, Sweden;

<sup>7</sup> Department of Intensive Care Medicine, Ghent University Hospital, Ghent, Belgium;

<sup>8</sup> Faculty of Medicine, Toxicology Centre, Republican Vilnius University Hospital, Vilnius University, Vilnius, Lithuania;

<sup>9</sup> Faculty of Medicine, University of Tripoli, Tripoli, Libya;

<sup>10</sup> Department of Cardiology and Intensive Care Medicine, Paracelsus Medical University of Salzburg, Salzburg, Austria;

<sup>11</sup> Intensive Care Unit, Redcliffe Hospital, Redcliffe, Queensland, Australia;

<sup>12</sup> Faculty of Medicine, University of Queensland, Brisbane, Queensland, Australia

### 2022 Winner: Supun Wedasingha

Wedasingha S<sup>1</sup>, Isbister GK<sup>1</sup>, Siribaddana S<sup>1</sup>, Seneviratne K<sup>1</sup>, Silva A<sup>1</sup>.

Comparing bedside coagulation assays for detecting venom-induced consumption coagulopathy following viper bites in Sri Lanka.

<sup>1</sup> Division Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka, Saliyapura, Sri Lanka

### 2021 Winner: Tobias Zellner

Zellner T<sup>1</sup>, Burwinkel H<sup>2</sup>, Keicher M<sup>2</sup>, Bani-Harouni D<sup>2</sup>, Navab N<sup>2</sup>, Ahmadi SA<sup>3</sup>, Eyer F<sup>1</sup>.

Decision support for toxin prediction using artificial intelligence.

<sup>1</sup> Division of Clinical Toxicology and Poison Control Centre Munich, Department of Internal Medicine II, TUM School of Medicine, Technical University of Munich, Munich, Germany

<sup>2</sup> Computer Aided Medical Procedures, TUM Department of Informatics, Technical University of Munich, Munich, Germany

<sup>3</sup> German Center for Vertigo and Balance Disorders, Ludwig-Maximilians-Universität München, Munich, Germany

### 2020 Winner: Azzurra Schicchi

Schicchi A<sup>1</sup>, Voicu S<sup>2</sup>, Diallo A<sup>3</sup>, Petrolini VM<sup>4</sup>, Malissin I<sup>2</sup>, Lonati D<sup>4</sup>, Deye N<sup>2</sup>, Papa P<sup>5</sup>, Labat L<sup>6</sup>, Vicaut E<sup>3</sup>, Locatelli CA<sup>4</sup>, Mégarbane B<sup>2</sup>.

Colchicine poisoning: can we predict mortality using a nomogramon hospital admission?



## Young Investigator Award

- <sup>1</sup> Pavia Poison Control Centre–National Toxicology Information Centre–Clinical and Experimental Lab, Toxicology Unit, Maugeri Clinical and Scientific Institutes IRCCS and University of Pavia, Pavia, Italy
- <sup>2</sup> Department of Medical and Toxicological Critical Care, Lariboisière Hospital, Paris-Diderot University, INSERM UMRS-1144, Paris, France
- <sup>3</sup> Department of Biostatistics, Lariboisière Hospital, Paris-Diderot University, Paris, France
- <sup>4</sup> Pavia Poison Control Centre–National Toxicology Information Centre–Clinical and Experimental Lab, Toxicology Unit, Maugeri Clinical and Scientific Institutes IRCCS and University of Pavia, Pavia, Italy
- <sup>5</sup> Laboratory of Analytical Toxicology, Fondazione IRCCS Policlinico San Matteo-Pavia, Pavia, Italy
- <sup>6</sup> Laboratory of Toxicology, Lariboisière Hospital, Paris-Diderot University, INSERM UMRS-1144, Paris, France

### 2019 Winner: Siju V. Abraham

Abraham SV<sup>1</sup>, Melit RJ<sup>2</sup>.

Mapping snake envenomation: a pilot meteorological and geospatial model based on retrospective review of case records at a single tertiary care snake bite treatment centre

- <sup>1</sup> Emergency Medicine, Jubilee Mission Medical College and Research Institute, Thrissur, India
- <sup>2</sup> Jubilee Mission Medical College and Research Institute, Thrissur, India

### 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



## Young Investigator Award

### 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

### 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

### 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;



## Young Investigator Award

### 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.

### 2009 Winner: Pradeepa Jayawardane

Jayawardanae 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;



## Young Investigator Award

**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