**2023 Winner: Samanta M. Zwaag**

Zwaag SM\(^1\), Hunault CC\(^1\), de Lange DW\(^{1,2}\), Ferrer-Dufol A\(^3\), Topeli A\(^4\), Lindqvist E\(^{5,6}\), Patrick Druwé\(^7\), Laubner-Sakalauskiene G\(^8\), Elhadi M\(^9\), Rezar R\(^{10}\), Baker S\(^{11,12}\)

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

\(^1\) Dutch National Poisons Information Centre (NPIC), University Medical Center Utrecht, Utrecht, Netherlands; 
\(^2\) Department of Intensive Care Medicine, University Medical Center Utrecht, Utrecht, Netherlands; 
\(^3\) Unit of Clinical Toxicology, Clinic University Hospital, Zaragoza University, Zaragoza, Spain; 
\(^4\) Hacettepe University Ankara, Ankara, Turkey; 
\(^5\) Department of Anaesthesiology and Intensive Care, South Hospital Stockholm, Stockholm, Sweden; 
\(^6\) Department of Clinical Science and Education, South Hospital Stockholm, Karolinska Institutet, Stockholm, Sweden; 
\(^7\) Department of Intensive Care Medicine, Ghent University Hospital, Ghent, Belgium; 
\(^8\) Faculty of Medicine, Toxicology Centre, Republican Vilnius University Hospital, Vilnius University, Vilnius, Lithuania; 
\(^9\) Faculty of Medicine, University of Tripoli, Tripoli, Libya; 
\(^10\) Department of Cardiology and Intensive Care Medicine, Paracelsus Medical University of Salzburg, Salzburg, Austria; 
\(^11\) Intensive Care Unit, Redcliffe Hospital, Redcliffe, Queensland, Australia; 
\(^12\) Faculty of Medicine, University of Queensland, Brisbane, Queensland, Australia

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**2022 Winner: Supun Wedasingha**

Wedasingha S\(^1\), Isbister GK\(^1\), Siribaddana S\(^1\), Seneviratne K\(^1\), Silva A\(^1\).

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

\(^1\) Division Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka, Saliyapura, Sri Lanka

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**2021 Winner: Tobias Zellner**

Zellner T\(^1\), Burwinkel H\(^2\), Keicher M\(^2\), Bani-Harouni D\(^2\), Navab N\(^2\), Ahmadi SA\(^3\), Eyer F\(^1\).

Decision support for toxin prediction using artificial intelligence.

\(^1\) Division of Clinical Toxicology and Poison Control Centre Munich, Department of Internal Medicine II, TUM School of Medicine, Technical University of Munich, Munich, Germany 
\(^2\) Computer Aided Medical Procedures, TUM Department of Informatics, Technical University of Munich, Munich, Germany 
\(^3\) German Center for Vertigo and Balance Disorders, Ludwig-Maximilians-Universität München, Munich, Germany

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**2020 Winner: Azzurra Schicchi**

Schicchi A\(^1\), Voicu S\(^2\), Diallo A\(^3\), Petrolini VM\(^4\), Malissin I\(^2\), Lonati D\(^4\), Deye N\(^2\), Papa P\(^5\), Labat L\(^6\), Vicaut E\(^3\), Locatelli CA\(^4\), Mégarbane B\(^2\).

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

2019 Winner: Siju V. Abraham

Abraham SV¹, Melit RJ².
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
¹ Emergency Medicine, Jubilee Mission Medical College and Research Institute, Thrissur, India
² 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 JW¹, Clarke JI², Francis B², Philips L¹, Wraight J¹, Dargan PI³, Wood DM³, Cooper J⁴, Thomas SHL⁵, Jorgensen A², Pirmohamed M², Park BK², Antoine DJ²
Mechanistic biomarkers stratify patients after paracetamol overdose with high sensitivity and specificity.
¹ University of Edinburgh, Edinburgh, UK
² University of Liverpool, Liverpool, UK
³ Guy’s and St Thomas’ NHS Foundation Trust, London, UK
⁴ Aberdeen Royal Infirmary, Aberdeen, UK
⁵ Newcastle University, Newcastle, UK
**2016 Winner:** Dino Luethi

Luethi D¹, Krähenbühl S¹, Liechti ME¹

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

¹ Clinical Pharmacology and Toxicology, University Hospital, Basel, Switzerland

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**2015 Winner:** Anjana Silva

Silva A¹,², Siribaddana S², Sedgwick EM³, Maduwage K⁴, Buckley N³, Isbister GK⁴

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

¹ Monash Venom Group, Monash University, Melbourne, Australia
² Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka, Saliyapura, Sri Lanka
³ South Asian Clinical Toxicology Research Collaboration, University of Peradeniya, Peradeniya, Sri Lanka
⁴ School of Medicine and Public Health, University of Newcastle, Newcastle, Australia

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

Hondebrink L¹, Hermans EJP², van Kleef RGDM², Meulenbelt J¹,²,³, Westerink RHS²

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

¹ National Poisons Information Center, University Medical Center Utrecht;
² Neurotoxicology Research Group, Institute for Risk Assessment Sciences, Utrecht;
³ Department of Intensive Care Medicine, University Medical Center Utrecht, The Netherlands

Hanak AS¹, Chevillard L¹, El-balkhi S¹, Risède P¹, Peoc'h K¹, Mégarbanc B¹,²

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

¹ INSERM U1144, Paris-Descartes University;
² Department of Toxicological and Medical Intensive Care, Lariboisière Hospital, Paris, France

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**2013 Winner:** Alex Manini

Manini A¹, Hoffman RS², Stimmel B³, Vlahov D⁴

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

¹ Division of Medical Toxicology, Department of Emergency Medicine, Mount Sinai School of Medicine, New York;
² Department of Emergency Medicine, NYU School of Medicine, New York;
³ Cardiology Division, Mount Sinai School of Medicine, New York;
⁴ UCSF School of Nursing, San Francisco, USA;
2012 Winner: Hisham Alhaddad

Alhaddad H¹, Cisternino S¹, Risède P¹, Baud FJ¹², Mégarbane B¹²
Role of P-glycoprotein in norbuprenorphine transport at the blood-brain barrier in mice: Considerations for buprenorphine respiratory toxicity.
¹ INSERM U705, Paris-Descartes University, Paris, France;
² Department of Medical and Toxicological Critical Care, Lariboisière Hospital, Paris, France;

2011 Winner: Geert Verstegen

Destaillat F¹, Cruz-Hernandez C¹, Giuffrida F¹, Dionisi F¹, Mostin M², Verstegen G².
Identification of the botanical origin of commercial pine nuts responsible for dysgeusia by gas-liquid chromatography analysis of fatty acid profile.
¹ Nestle Research Centre, Lausanne, Switzerland;
² Belgian Poison Centre, Brussels, Belgium;

2010 Winner: Maria Guratowska

Guratowska M¹, Pach J², Pach D³.
Genetic abnormalities and delayed cell death observed in acute carbon monoxide poisoning.
¹ Department of Anthropology, Jagiellonian University;
² Department of Clinical Toxicology and Environmental Diseases, Jagiellonian University medical College;
³ Department of Endocrinology, Collegium Medicum, Jagiellonian University, Kraków, Poland.

2009 Winner: Pradeepa Jayawardane

Jayawardananae P¹², Senanayake N², Eyer P², Buckley N², Dawson A².
Electrophysiological correlates of respiratory failure in organophosphate poisoning, evidence for differential roles of muscarinic and nicotinic stimulation.
¹ Clinical Pharmacology, Faculty of Medical Sciences, University of Sri Jayewardenepura, Nugegoda 10250, Sri Lanka;
² South Asian Clinical Toxicology Research Collaboration, University of Peradeniya, Sri Lanka;
2008 Winner: Nasrin Pakravan

Pakravan N\(^1,2,3\), Waring SW\(^1\), Bateman DN\(^1,2\).

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

\(^1\) NPIS Edinburgh, Scottish Poisons Information Bureau, Royal Infirmary of Edinburgh, Edinburgh UK;
\(^2\) University of Edinburgh, Edinburgh, UK;
\(^3\) 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.

\(^1\) NPIS (Edinburgh), Scottish Poisons Information Bureau, Royal Infirmary of Edinburgh, UK