



Young Investigator Award

2021 Winner: Tobias Zellner

Zellner T¹, Burwinkel H², Keicher M², Bani-Harouni D², Navab N², Ahmadi SA³, Eyer F¹.

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

2020 Winner: Azzurra Schicchi

Schicchi A¹, Voicu S², Diallo A³, Petrolini VM⁴, Malissin I², Lonati D⁴, Deye N², Papa P⁵, Labat L⁶, Vicaut E³, Locatelli CA⁴, Mégarbane B².

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

¹ 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

² Department of Medical and Toxicological Critical Care, Lariboisière Hospital, Paris-Diderot University, INSERM UMRS-1144, Paris, France

³ Department of Biostatistics, Lariboisière Hospital, Paris-Diderot University, Paris, France

⁴ 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

⁵ Laboratory of Analytical Toxicology, Fondazione IRCCS Policlinico San Matteo-Pavia, Pavia, Italy

⁶ Laboratory of Toxicology, Lariboisière Hospital, Paris-Diderot University, INSERM UMRS-1144, Paris, France

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



Young Investigator Award

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

2015 Winner: Anjana Silva

Silva A^{1,2}, 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



Young Investigator Award

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

Hondebrink L¹, Hermans EJP², van Kleef RGDM², Meulenbelt J^{1,2,3}, Westerink RHS²

The role of GABA receptors during intoxications with designer drugs: A mechanismbased 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, Mégarbane B^{1,2}

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

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 FJ^{1,2}, Mégarbane B^{1,2}

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;



Young Investigator Award

2011 Winner: Geert Verstegen

Destailat 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

Jayawardanae P^{1,2}, 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 SW¹, 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;



Young Investigator Award

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