

# Meet Our Editor-in-Chief

## Prof. Ricardo Jorge Dinis-Oliveira

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Porto, Portugal

Ricardo Jorge Dinis-Oliveira Graduated in Pharmaceutical Sciences in 2003 from the Faculty of Pharmacy of the University of Porto. He obtained the Ph.D in Toxicology, by the same institution, in 2007.

By Rector Dispatch, he was awarded the European Ph.D in 2008 and since then develops scientific and academic activity in the areas of Toxicology and Pharmacology of Psychoactive Substances, Pesticides and Medicines, in their preclinical, clinical and forensic aspects.

He holds the COHiTEC 2007 program organized by the Porto Business School in collaboration with North Carolina State University and holds the Entrepreneurship Course organized by UPIN - Innovation University of Porto.

In 2009, he completed the Forensic Medicine Postgraduation Course (current Specialization Course in Forensic Sciences) of the Faculty of Medicine of the University of Porto. In this Course, he has the role of Director and Coordinator of the Forensic Laboratory Science module.

He successfully completed 2 Postdoctoral Ph.Ds in Clinical and Forensic Toxicology by the Portuguese Foundation for Science and Technology, in 2010 and 2013, respectively.

In 2012, approved by unanimity, he obtained the Habilitation (Aggregation) in Forensic Sciences at the Faculty of Medicine of the University of Porto, and was the youngest Professor at the University of Porto to achieve this academic degree.

Also in 2012, he was granted with the Registration as Lecturer in the A11-Health Sciences Domain.

He has experience in teaching and coordination of several Curricular Units related to Toxicology, Pharmacology, Research Project, Thesis and Dissertation Projects.

He coordinates the Monitoring Committee of the 2nd and 3rd Cycles of Studies in Forensic Sciences of the University of Porto.

He has been supervising several integrated master's dissertations, master's dissertations and doctoral theses.

He is author of more than 100 published articles (representing more than 2500 citations) in international journals, indexed by peer-review, and more than 30 book chapters, 4 patents and edited 4 books.

He holds the Young Scientist Award in Forensic Toxicology awarded by the International Association of Forensic Toxicologists and has received the Medal of Merit in Sciences awarded by the City Council of Santo Tirso, Portugal.

In 2016, he received the Young Forensic Scientist Award 2016 from the Portuguese Association of Forensic Sciences (Prof. Doutor Duarte Nuno Vieira Award).

He is Assistant Professor with Aggregation of the University Institute of Health Sciences (IUCS-CESPU) and of the Faculty of Medicine of University of Porto.

He is a Researcher at UCIBIO-REQUIMTE - Associated Laboratory for Green Chemistry, Clean Technologies and Processes and at the IINFACTS - Institute of Research and Advanced Training in Health Sciences and Technologies, where he is the Coordinator of the Forensic Sciences Research Line.

He integrates the group of 100 Merit Researchers/Professors awarded during celebrations of the 100 years of the University of Porto.

He is currently Director of the Department of Sciences, and Coordinator of the 1<sup>st</sup> Cycle of Studies in Forensic Laboratory Sciences, 1<sup>st</sup> Cycle of Studies in Biomedical Sciences and 2<sup>nd</sup> Cycle of Studies in Forensic Laboratory Sciences and Techniques of IUCS-CESPU.

He is President of the Portuguese Association of Forensic Sciences (APCF) and Vice-president of the Portuguese Society for the Study of Abuse and Neglect (SPECAN).



Ricardo Jorge Dinis-Oliveira

**SELECTED PUBLICATIONS**

- [1] Alves EA, Grund JP, Afonso CM, Netto AD, Carvalho F, Dinis-Oliveira RJ. The harmful chemistry behind krokodil (desomorphine) synthesis and mechanisms of toxicity. *Forensic Sci Int* 2015; 249: 207-13.
- [2] Barbosa J, Faria J, Leal S, *et al.* Acute administration of tramadol and tapentadol at effective analgesic and maximum tolerated doses causes hepato- and nephrotoxic effects in Wistar rats. *Toxicology* 2017; 389: 118-29.
- [3] Dinis-Oliveira RJ. Metabolomics of drugs of abuse: A more realistic view of the toxicological complexity. *Bioanalysis* 2014; 6: 3155-9.
- [4] Dinis-Oliveira RJ. Oxidative and non-oxidative metabolomics of ethanol. *Curr Drug Metab* 2016; 17: 327-35.
- [5] Dinis-Oliveira RJ, Carvalho F, Duarte JA, Proenca JB, Santos A, Magalhaes T. Clinical and forensic signs related to cocaine abuse. *Curr Drug Abuse Rev* 2012; 5: 64-83.
- [6] Dinis-Oliveira RJ, Carvalho F, Moreira R, *et al.* Clinical and forensic signs related to opioids abuse. *Curr Drug Abuse Rev* 2012; 5: 273-90.
- [7] Dinis-Oliveira RJ, Duarte JA, Sanchez-Navarro A, Remiao F, Bastos ML, Carvalho F. Paraquat poisonings: Mechanisms of lung toxicity, clinical features, and treatment. *Crit Rev Toxicol* 2008; 38: 13-71.
- [8] Dinis-Oliveira RJ, Magalhaes T, Moreira R, *et al.* Clinical and forensic signs related to ethanol abuse: a mechanistic approach. *Toxicol Mech Methods* 2014; 24: 81-110.
- [9] Silva R, Vilas-Boas V, Dinis-Oliveira RJ. Modulation of P-glycoprotein efflux pump: induction and activation as a therapeutic strategy. *Pharmacol Ther* 2015; 149: 1-123.
- [10] Soares JX, Alves EA, Dinis-Oliveira RJ. Street-Like synthesis of krokodil results in the formation of an enlarged cluster of known and new morphinans. *Chem Res Toxicol* 2017; 30: 1609-21.