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| **Workshop on pharmacology and toxicity of new psychoactive substances** |
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| **organised in co-operation with the Office for Combating Drug Abuse of the Republic of Croatia** |
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| **Venue: Zagreb** |
| **Panorama Zagreb Hotel, Trg Krešimira Ćosića 9** |
| **16 - 17 March 2015** |

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| **Beneficiary:** |

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| Croatia |

JHA 57361

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| **Aim of the meeting:** |
| The Workshop aims at providing in-depth insight into pharmacology and toxicity of individual new psychoactive substances (NPS) to key stakeholders in the future clinical-toxicological network of the national Early Warning System (EWS) on NPS in Croatia. The goal is to develop early recognition of signs and symptoms of NPS intoxications, which will contribute to increasing the quality of treatment and ultimately to saving lives of intoxicated drug users.  In recent years Croatia has been facing increased availability of a wide spectrum of novel psychoactive substances, many of which are not subject to control measures. At the same time, proportions of adverse health effects related to the use of NPS in Croatia are completely unknown. It is therefore essential to develop a sustainable infrastructure for monitoring adverse health consequences of NPS use, including incising scientific and professional capacities of clinical toxicology laboratories, emergency wards and other relevant subjects in the health sector responsible for identification of NPS in biological samples and effective treatment of intoxicated persons.  The target group of the Workshop are representatives of the Office for Combating Drug Abuse of the Government of the Republic of Croatia, Ministry of Health, the Croatian Institute of Emergency Medicine, the County Institutes of Emergency Medicine and Clinical Hospitals (emergency, psychiatric and paediatric departments).  The Workshop will contribute to setting up an effective and sustainable mechanism for monitoring of and responding to intoxications caused by NPS in the framework of EWS. |

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| **Day 1: Monday 16 March 2015** |
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| **Chair: Ms Lidija Vugrinec, Head of Department for International Relations, Office for Combating Drug Abuse** | |
| 08:30  -  09:00 | Registration of participants |
| 09:00 | Welcome and opening remarks  *Mr Željko Petković*  *Director of the Office for Combating Drug Abuse* |
| 09:15 | Introduction to the Workshop: the role of the health system in the Croatian Early Warning System and the development of the clinical-toxicological network  *Ms Lidija Vugrinec*  *Head of Department for International Relations*  *Office for Combating Drug Abuse* |
| 09:45 | Novel sources of data on new psychoactive substances  *Dr David Wood*  *Consultant Physician and Clinical Toxicologist, Clinical Lead for Medicine*  *Guy’s and St Thomas’ NHS Foundation Trust, UK* |
| 10:15 | Questions and answers |
| 10:30 | Coffee break |
| 11:00 | Toxicokinetics of new psychoactive substances  *Dr Markus R. Meyer*  *Deputy Head of Department of Experimental & Clinical Toxicology*  *Saarland University, Germany* |
| 11:30 | Questions and answers |
| 11:45 | An update in the toxicity of novel hallucinogenics and synthetic cannabinoids  *Dr David Wood*  *Consultant Physician and Clinical Toxicologist, Clinical Lead for Medicine*  *Guy’s and St Thomas’ NHS Foundation Trust, UK* |
| 12:15 | Questions and answers followed by a discussion |
| 13:00 | Lunch |
| 14:00 | The role of the Poisons Information Service in monitoring NPS  *Dr John Thompson*  *Director of the UK Poisons Information Service* |
| 14:30 | Questions and answers |
| 14:45 | The role of the Swedish Poisons Information Centre in monitoring NPS and challenges in laboratory testing for NPS  *Dr Matilda Bäckberg*  *Swedish Poisons Information Centre* |
| 15:15 | Questions and answers |
| 15:30 | Analytical techniques for the detection of NPS and their metabolites  *Dr John Thompson*  *Director of the UK Poisons Information Service* |
| 16:00 | Croatian experience in detecting NPS – poisoning index  *MSc Rajka Turk*  *MPharm*  *Representative of the Institute of Medical Research*  *Centre for Poisoning, Croatia* |
| 16:30 | Questions and answers followed by a discussion |
| 17:00 | Conclusions |

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| **Day 2: Tuesday 17 March 2015** |
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| **Chair: Ms Lidija Vugrinec,** **Head of Department for International Relations, Office for Combating Drug Abuse** | |
| 08:30  -  09:00 | Registration of participants |
| 09:00 | Improved laboratory testing for NPS  *Dr Matilda Bäckberg*  *Pharmacist*  *Swedish Poisons Information Centre* |
| 09:30 | Questions and answers |
| 09:45 | An update in the toxicity of new stimulants  *Dr Paul Dargan*  *Consultant Physician and Clinical Toxicologist*  *Clinical Director and Reader in Toxicology*  *Guy’s and St Thomas’ NHS Foundation Trust, UK* |
| 10:15 | Questions and answers |
| 10:30 | Coffee break |
| 11:00 | Pre-hospital assessment and management of new psychoactive substance toxicity  *Dr Paul Dargan*  *Consultant Physician and Clinical Toxicologist*  *Clinical Director and Reader in Toxicology*  *Guy’s and St Thomas’ NHS Foundation Trust, UK* |
| 11:45 | Questions and answers |
| 12:00 | Discussion |
| 13:00 | Lunch |
| 14:00 | NPS related intoxications in Croatia - Experience from the practice  *Dr Jasmin Hamzić*  *Emergency Department Resident*  *University Hospital Centre Zagreb* |
| 14:30 | Questions and answers |
| 14:45 | Recommendations for setting up analytical methods for analysis of NPS in Croatia  *Dr Paul Dargan*  *Consultant Physician and Clinical Toxicologist*  *Clinical Director and Reader in Toxicology*  *Guy’s and St Thomas’ NHS Foundation Trust, UK*  *Dr Markus R. Meyer*  *Deputy Head of Department of Experimental & Clinical Toxicology*  *Saarland University, Germany*  *Dr Matilda Bäckberg*  *Pharmacist*  *Swedish Poisons Information Centre* |
| 15:30 | Discussion of recommendations and follow-up |
| 17:00 | Conclusions |

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| This meeting is being organised by the **Technical Assistance Information Exchange Instrument (TAIEX)** of the European Commission  Presentations can be consulted through the following link (enter 57361 under "Select Event"): <http://ec.europa.eu/neighbourhood-enlargement/taiex/dyn/taiex-events/index_en.jsp>  [G:\Directorate E\E1-HR & IT\IT\TAIEX\TMS\Analysis & Design\doc\TMS_1051_TMS_Mailings_Jobs_Templates\templates\Agenda_qr_code\qr_code_without_logo.jpg](http://ec.europa.eu/neighbourhood-enlargement/taiex/dyn/taiex-events/index_en.jsp) |
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