

Godinama testirale po kemijskim WC-ima na splitskoj Ultri, pronašle 20 novih droga

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Podijeli 19 <



Foto: Borna Filic/PIXSELL

ZAVRŠENO je istraživanje splitskih znanstvenica Davorke Sutlović, Sendi Kuret i Marije Definis, koje su, analizirajući uzorke urina prikupljene iz prijenosnih kemijskih zahoda tijekom trajanja glazbenoga festivala Ultra Europe, uspjele detektirati sve vrste droga koje su posjetitelji koristili, javlja Slobodna Dalmacija (<https://slobodnadalmacija.hr/split/splitske-znanstvenice-otkrile-cime-su-se-sve-posjetitelji-ultra-europe-festivala-drogirali-uzimali-su-im-uzorke-a-da-ovi-toga-nisu-bili-ni-svjesni-1138066>).

Upravo ova analiza je najbolji pokazatelj koje se droge u određenom periodu najviše koriste i šire među mlađom populacijom. U periodu između 2016. do 2018. godine uzimale su uzorke a da posjetitelji Ulte nisu bili svjesni kako su, doslovno, testirani na droge.

20 novih droga

Znanstvenice su uspjele detektirati čak 46 kemijskih spojeva, od kojih se njih 26 smatra "klasičnim drogama", dokazujući prisutnost novih psihoaktivnih tvari jer čak 20 spojeva spada u skupinu novih droga, većinom feniletilamina i katinona.

TEKST SE NASTAVLJA ISPOD OGLASA

NAJNOVIJE NAJČITANIJE VEZANC

1 min Karamarko: Sramim se što je član vladajuće koalicije bio na derneku Banja Luci (/vijesti/clanak/karamarko-sramim-se-sto-je-clan-vladajuce-koalicije-l-na-derneku-u-banja-luci/2331613.aspx?index_ref=clanak_vijesti_najnovije

8 min Reakcije na otkriće Index Istraga. Kekin: Vujčić i ostali moraju dati ostavku (/vijesti/clanak/reakcije-otkrice-index-istraga-kekin-vujcic-ostali-moraju-dati-ostavku/2331598.aspx?index_ref=clanak_vijesti_najnovije

12 min WHO: Omikron će u idućim tjedni zaraziti preko 50% ljudi u Europi (/vijesti/clanak/who-omikron-ce-t-iducim-tjednima-zaraziti-preko-50-ljudi-u-europi/2331609.aspx?index_ref=clanak_vijesti_najnovije

15 min Bugarski premijer, predsjednik i tri ministra završili u samoizolaciji (/vijesti/clanak/bugarski-premijer-predsjednik-i-tri-ministra-završili-u-samoizolaciji/2331611.aspx?index_ref=clanak_vijesti_najnovije

33 min Bolt bi uskoro mogao vrijediti 7.4 milijarde eura (/vijesti/clanak/bol-bi-uskoro-mogao-vrijediti-74-milijarde-eura/2331602.aspx?index_ref=clanak_vijesti_najnovije

PRIKAŽI JOŠ VIJESTI (/NAJNOVIJE?)

KATEGORIJA=3

Najrasprostranjenije droge bile su MDMA i kokain iz kategorije klasičnih supstanci te katinoni i feniletilamini iz kategorije novih droga.

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198 Sutlović D, et al. New psychoactive and classic substances in pooled urine samples collected at the Ultra Europe festival in Split, Croatia
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New psychoactive and classic substances in pooled urine samples collected at the Ultra Europe festival in Split, Croatia

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We believe that analysing pooled urine samples for recreational drugs used at mass events can provide useful information about trends in drug use. An opportunity arose with the Ultra Europe music festival, which is attended by more than 150,000 people from over 150 countries every year. We analysed 30 pooled urine samples collected from portable chemical toilets located at or close to the Ultra Europe music festival venue in Split, Croatia in 2016–2018 to detect the presence of classic and new psychoactive substances (NPS). Four urine samples collected in 2016 were from a toilet without added chemicals (otherwise used to kill the smell) while the remaining samples were collected from toilets with added chemicals. Samples were qualitatively analysed with gas chromatography–mass spectrometry (GC/MS) using the full-scan mode. Data were compared with the Wiley mass spectral library of designer drugs and our in-house library containing about 1000 compounds and metabolites. We identified forty-six different substances and metabolites, 26 of which were classic substances/metabolites, mostly from the stimulants group, while 20 were NPS. In the NPS group, most of them were phenethylamines and cathinones. The variety of substances was the highest on the first day of the festival regardless of the year, but 2018 showed a significant drop compared to the previous two years. The results of our study revealed a stable trend of classic drug consumption, while NPS trend changed from one year to another.

KEY WORDS: amphetamines; cathinones; music festival; portable chemical toilet; recreational drugs

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