# WP2 - Qualitative and quantitative analysis of new psychoactive substances (NPS) in Europe, with focus on synthetic opioids and prescriptions opioids

## *Deliverable 11*

## *List of Peer-reviewed papers*


1. Boogaerts T, Quireyns M, Covaci A, De Loof H, van Nuijs ALN. Analytical method for the simultaneous determination of a broad range of opioids in influent wastewater: Optimization, validation and applicability to monitor consumption patterns. Talanta. 2021 Sep 1; 232:122443. doi: 10.1016/j.talanta.2021.122443.
2. Richard Bade, Jason M. White, Maulik Ghetia, Santosh Adiraju, Sangeet Adhikari. Lubertus Bijlsma, Tim Boogaerts, Daniel A. Burgard, Sara Castiglioni, Alberto Celma, Andrew Chappell, Adrian Covaci, Erin M. Driver, Rolf U. Halden, Felix Hernandez, Heon-Jun Lee, Alexander L. N. van Nuijs, Jeong-Eun Oh, Marco A. Pineda Castro, Noelia Salgueiro-Gonzalez, Bikram Subedi, Xue-Ting Shao, Viviane Yargeau, Ettore Zuccato, Cobus Gerber. (2022) A Taste for New Psychoactive Substances: Wastewater Analysis Study of 10 Countries. Environ. Sci. Technol. Lett. 2022, 9, 1, 57–63. doi.org/10.1021/acs.estlett.1c00807
3. Noelia Salgueiro-González, Ettore Zuccato, Sara Castiglioni. Chapter 4: New Psychoactive substances in "Analytical Methods for Environmental Contaminants of Emerging Concern", edited by Núria and Ana Maria, John Wiley & Sons, United Kingdom.

4. Noelia Salgueiro-Gonzalez, Ettore Zuccato, Sara Castiglioni. Investigating the use of fentanyl analogues and other new psychoactive substances (NPS) in Italy through urban wastewater analysis. Science of the Total Environment, under revision.
5. Noelia Salgueiro-Gonzalez, Ettore Zuccato, Sara Castiglioni, Lubertus Bijlsma, Adrian Covaci, Alexander L. N. van Nuijs et al. Assessment of new trends in psychoactive substances (NPS) use in Europe. Draft in preparation.
6. Sara Castiglioni, Noelia Salgueiro-Gonzalez, Ettore Zuccato, Adrian Covaci, Alexander L. N. van Nuijs, Frederic Been, Lubertus Bijlsma et al. Estimation of prescription opioids use by wastewater-based epidemiology and triangulation with prescription figures. Draft in preparation.