

PUBLICATIONS

- **A. David**, A. Lange, A. Abdul-Sada, C.R. Tyler, and E.M. Hill. Disruption of the prostaglandin metabolome and characterization of the pharmaceutical exposome in fish exposed to wastewater treatment works effluent as revealed by nanoflow-nanospray mass spectrometry-based. *Environmental Science & Technology*. DOI: 10.1021/acs.est.6b04365

- C. Botías, **A. David**, E. Hill, D. Goulson. Contamination of wild plants near neonicotinoid seed-treated crops, and implications for non-target insects. *Science of the Total Environment* (2016). Volume 566, 269-278.

- **A. David**, C. Botías, A. Abdul-Sada, E. Nicholls, E.L. Rotheray E. Hill, D. Goulson. Widespread contamination of wildflower and bee-collected pollen with complex mixtures of neonicotinoids and fungicides commonly applied to crops. *Environment International* (2016). Volume 88, 169-178.

- C. Botías, **A. David**, J. Horwood, A. Abdul-Sada, E. Nicholls, E. Hill, D. Goulson. Neonicotinoid residues in wildflowers, a potential route of chronic exposure for bees. *Environmental Science & Technology* (2015). Volume 49, 12731-12740.

This paper has been highlighted in:

Nature: Wild flowers are a pesticide source. *Nature* 526, 479 (22 October 2015) doi:10.1038/526479b

Science: Pesticides in wild plants. *Science*, Vol 350, Issue 6263 20 November 2015 Environment

- **A. David**, C. Botías, A. Abdul-Sada, D. Goulson, E.M. Hill. Sensitive determination of mixtures of neonicotinoid and fungicide residues in pollen and single bumblebees using a scaled down QuEChERS method for exposure assessment. *Analytical and bioanalytical Chemistry* (2015). Volume 407 (26), 8151-8162

- C. Boillot, M.J. Martinez Bueno, D. Munaron, M. Le Dreau, O. Mathieu, **A. David**, H. Fenet, C. Casellas, E. Gomez. In vivo exposure of a marine mussel to carbamazepine and 10-hydroxy-10,11-dihydro carbamazepine: bioconcentration and metabolization. *Science of the total Environment* (2015). Volume 532, 567-570.

- **A. David**, A. Abdul-Sada, R. Al-Sahli, A. Lange, C.R. Tyler, and E.M. Hill. A new approach for plasma (xeno)metabolomics based on solid phase extraction and nanoflow liquid chromatography-nanoelectrospray ionisation mass spectrometry. *Journal of Chromatography A* (2014). Volume 1365, 72-85.

A.J. Chetwynd*, **A. David***, E.M. Hill, A. Abdul-Sada. Evaluation of sensitivity and reliability of direct nanoLC-nanoESI-high resolution mass spectrometry for metabolomic profiling. *Journal of Mass Spectrometry*. Volume 49 (2014), 1063-1069.

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- **A. David**, M.-G. Tournoud, J.-L. Perrin, D. Rosain, C. Rodier, C. Salles, C. Bancon-Montigny and B. Picot and M.-G. Tournoud. Spatial and temporal trends in water quality in a Mediterranean temporary river impacted by sewage effluents. *Environmental Monitoring and Assessment* (2013). Volume 185, 2517-2534.

- **A. David**, C. Bancon-Montigny, C. Salles, C. Rodier and M.-G. Tournoud. Contamination of riverbed sediments by hazardous substances in the Mediterranean context: Influence of hydrological conditions. *Journal of Hydrology* (2012). Volume 468, 76-84.

- **A. David**, H. Fenet, A. Escande, D. Munaron, D. Rosain, E. Maillot-Maréchal, S. Aït-Aïssa, C. Casellas and E. Gomez. In vitro biomonitoring of organic contamination by estrogenic compounds in coastal environment: comments on the use of *M. galloprovincialis*. *Environmental Toxicology* (2012). Volume 27, 74-82.

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- **A. David**, E. Gomez, S. Aït-Aïssa, M. Bachelot, D. Rosain, C. Casellas, H. Fenet. Monitoring organic contaminants in small French coastal lagoons: Comparison of levels in mussel, passive sampler and sediment. ***Journal of Environmental Monitoring*** (2010). Volume 12, 1471-1481.
- **A. David**, E. Gomez, S. Aït-Aïssa, D. Rosain, C. Casellas and H. Fenet. Impact of urban wastewater discharges on the sediments of a small Mediterranean river and associated coastal environment: assessment of estrogenic and dioxin-like activities. ***Archives of Environmental Contamination and Toxicology*** (2010). Volume 58, Issue 3, 562-575.
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- **A. David**, S. Dagnino, Y. Pichot, D. Munaron, A. Escande, C. Casellas, H. Fenet, and E. Gomez. Temporal study of estrogenic responses of mussel (*Mytilus galloprovincialis*) extracts applied to reporter cell lines. ***Marine Environmental Research*** (2008). Volume 66 Issue 1, 105-107.