***cv***

***ANDREA G. BRAVO***

***PhD in Environmental Sciences***

Born: 1982 (Spain)

h-index: 14

Citations: 715

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**RESEARCH INTERESTS: Ecology of pollutants**

*My main research interest is the fate of pollutants in the environment with a special emphasis on mercury biogeochemistry in rivers, lakes, ponds, wetlands, soils and the ocean. More specifically, I focused on the processes controlling the concentration of methylmercury in the landscape and its further biomagnification in food chains.*

**CURRENT POSITION**

From 09/2018Institute of Marine Sciences, Spanish Research Council (ICM – CSIC). Spain.  
**Marie Skłodowska-Curie** Individual Fellowship. European Commission.

**EDUCATION**

2006 ­– 2010 **PhD** in **Environmental Sciences**. **Geneva University**, Institut F.A. Forel, **Switzerland.**  
“*Mercury methylation and trophic transfer in freshwater systems”*. Supervisors: Janusz Dominik and Walter Wildi.

2004 ­– 2005 **DEA in Environmental Sciences:** Universidad Autónoma de Madrid, Spain**.**

2000 ­– 2004 **Bachelor** degree in **Environmental Sciences**. Universidad Autónoma de Madrid, Spain**.**

**PREVIOUS POSITIONS**

07/2017 ­– 08/2018 *Postdoctoral Researcher* at the Institute of Environmental Assessment and Water Research, Spanish Research Council (IDAEA-CSIC). Spain

Beatriu de Pinós Grant to Andrea G. Bravo. Agency for Management of University and Research Grants – AGAUR. Generalitat de Catalunya.

12/2016 ­– 03/2017 *Researcher* at Umeå University, Sweden*.*

04/2014 ­– 11/2016 *Researcher* at Uppsala University, Sweden.

03/2012 ­– 03/2014 *Postdoctoral Researcher* at Uppsala University.

Grant to Andrea G. Bravo by Swedish Research Council.

01/2011 ­– 09/2011 *Postdoctoral Researcher* at Geneva University, Institut F.A. Forel, Switzerland.

06/2005 ­– 09/2011 *Research assistant* position in Geneva University, Institut F.A. Forel, Switzerland.

**HIGHLIGHTED PEER-REVIEWED PUBLICATIONS**

*A total of* ***35*** *peer-reviewed publication with 13 as first author, 5 as second author and 5 as last and group-leader and corresponding author.* ***5 Highlighted publications****:*

**A. G.  Bravo**, D. N. Kothawala, K. Attermeyer, E. Tessier, P. Bodmer *et al*. 2018. The interplay between total mercury, methylmercury and dissolved organic matter in fluvial systems: A latitudinal study across Europe. *Water Research* 144, 172–182.

**A. G. Bravo**, J. Zopfi, S. Bertilsson, J. Xu, M. Buck, J. Pote, C. Cosio. 2018. *Geobacteraceae* are important members of mercury-methylating microbial communities of sediments impacted by waste water releases. *The ISME journal* 12:802–812.

S. Herrero, N. Catalán, H. Gröntoft, T. G Hilmarsson, S Bertilsson, P. Wu, K. Bishop, O. Levanoni, E. Björn, **A. G. Bravo**. 2018. High methylmercury formation in ponds fueled by fresh humic and algal derived organic matter. *Limnology & Oceanography* 63, 44-53.

**A. G. Bravo**, S. Bouchet, J. Tolu, E. Björn, A. Mateos-Rivera, S. Bertilsson. 2017. Molecular composition of organic matter controls methylmercury formation in lakes. *Nature Communications* 8, 14255.

E. Gascón Díez, J-L. Loizeau, C. Cosio, S. Bouchet, T. Adatte, D. Amouroux, **A. G. Bravo.** 2016**.** Role of settling particles on mercury methylation in the oxic water column of freshwater systems. *Environmental Science & Technology* 50 (21), 11672-11679.

**AWARDS**

* **2019: Raymond L. Lindeman Award** to recognize an outstanding paper written by a young aquatic scientist of theAssociation for the Sciences of Limnology and Oceanography (**ASLO**). The publication awarded is Bravo et al., (2017): Molecular composition of organic matter controls methylmercury formation in lakes. *Nature Communications* 8, 14255.
* **2013**: The Foundation of **King Carl XVI Gustaf's 50th Anniversary** Fund for Science, Technology and Environment. Amount: 85 000 SEK (~10 000€).

**TEACHING AND STUDENTS SUPERVISION**

* ***Courses, laboratory and workshops (a total of 65 ECTS):***
* ***PhD supervision (2):***
  + Jingying Xu (2018). *Remediation of mercury contaminated soil and biological mercury methylation in the landscape.* Uppsala University.
  + Baolin Wang (ongoing). *Microbial mercury methylation along a chronosequence of boreal peatlands.* Uppsala University.
* ***Masters supervision (10):*** Marina Pérez-García (2018, University of Barcelona and ICM-CSIC), Torfi-Geir Hilmarsson (2015, *Uppsala University*), Hannes Gröntoft (2015, *Uppsala University*), Sonia Herrero Ortega (2015, *Uppsala University*), Alejandro Mateos Rivera (2014, *Uppsala University*), Anastasija Isidirova (2013, *Uppsala University*), Clément Roy (2011, *Geneva University*), Christine Picard (2008, *Geneva University*), Lydie Ancey (2008, *Geneva University*).

**EVALUATION AND REFEREE RESPONSABILITIES**

* 2018. *Fonds de Recherche Nature et Technologie (Canada)*
* 2018. *Natural Sciences and Engineering Research Council of Canada (NSERC, Canada)*
* 2018. *Czech Science Foundation (Czech Republic)*
* 2016. *National Science Foundation (EEUU)*
* 2017. *Energy Environment Solutions Programme (France)*

**SERVICES**

* 2014-2019: Workshops and special sessions in international meetings
* 2018. Secretary of the Iberian Society of Ecology (SIBECOL).
* 2018. Member of the communication board of the Iberian Society of Ecology (SIBECOL).
* 2018. Board member of the Iberian Association of Limnology (AIL).
* 2018. In charge of the webpage of the Iberian Association of Limnology (AIL).