

BUDZINSKI Hélène (DR CNRS), born in Marseille (1966)

Professional address

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Research fields: Study of source, fate and impact of organic contaminants

Key words: Organic contaminants, analytical development, contaminant behavior, environmental chemistry, ecotoxicology

ACADEMIC BACKGROUND

1999 : Accreditation to supervise research (HDR), Bordeaux University
1993 : PhD in Physico-Chemistry/Analytical Chemistry, Bordeaux University
1989 : MSc in Analytical Chemistry (DEA) Paris VI University
1989 : Engineer – « Ecole Nationale Supérieure de Chimie de Paris » (ENSCP)

CAREER DEVELOPMENT

1993 : Post-Doc, TOTAL/CNRS (Paris)
1993-2003 : Research Scientist at CNRS (CR), Lab. PhotoPhysique Moléculaire, Bordeaux University
2003-2007 : Research director (DR2) at CNRS UMR 5472 (LPTC – Bordeaux University)
2007-2010 : Research director (DR2) at CNRS UMR 5255 (ISM – Bordeaux University)
2011-2012 : Research director (DR2) at CNRS UMR 5805 (EPOC – Bordeaux University)
Since 2012 : Research director (DR1 in 2012, DRCE in 2020, UMR 5805 (EPOC – Bordeaux University)

SCIENTIFIC PRODUCTION

- More than 360 article, 18 book chapters, 80 proceedings
- h-index = 66, 17838 citations (Scopus)
- 62 invited international conferences, 52 invited national conferences, 200 oral communications in national and international congresses
- 105 seminars (25 international ones)

RESEARCH MANAGEMENT ACTIVITIES

Head of a CNRS laboratory (UMR 5472) from 2004 to 2007; Head of CDTA (Technology transfer unit) ; Co-director of LabEx COTE (2011-2020).

Member of CNRS INSU Scientific Council, member of the “planet and universe” CNRS department scientific council (2007-2010, member of IRD Scientific Council (2008-2012), member of ONEMA Scientific Council (from 2008), Member of “Division Risque Chronique” (INERIS) Scientific Council (2008-2014), President elected of ISPAC (2009-2010), member of CNU (2008-2011), member of CNRS « comité national section 13 » (2013-2016), member of CNRS INEE Scientific Council (2015-2020), co-responsible of ECODYN action of EC2CO CNRS program (2011-2017), member of the scientific committee SIC of the CNRS-INSU (2007-2018), member of the scientific committee of the Adour-Garonne Water Agency (from 2012), president of Aquitaine Region committee of research in environment (from 2014).

Organization of various workshops and meetings (13th PAH meeting in 1991, 8th SETAC meeting in 1998, 17th PAH meeting in 1999, 15th SETAC Meeting in 2005, EMEC in 2011, PCB Workshop in 2012, IPSW in 2013 (chair), SEFA in 2015 (chair), GFP in 2016 (chair) dealing with environmental topics.

PUBLIC RESEARCH PROJECTS

She has coordinated various projects in the case of national calls for proposal among them a LITEAU project (2003) on pharmaceutical substances and the ANR EMESTOX (2008-2011) project dealing with passive samplers or ANR TRANSPRO (2019-2023) which studies transformation products. She has been or is also involved, as principal investigator, in 20 national projects (PNETOX, PNRPE, PRIMEQUAL, ANSES, EC2CO, ...), 10 regional project (ASCOBAR, OSQUAR, OSQUAR 2, RSEAU, ...), 14 ANR projects (e.g., ANR AMPERES, PANACEE, MONOIL, STURTOP, ...) as well as in 11 European projects (among them : BIOMAR (EV5V-CT94-0550 and ENV4-CT96-0300), BEEP (for "Biological effects of environmental pollution in marine coastal ecosystems", EVK3-2000-00543), DIAC (for "Dioxin Analysis by using Comprehensive gas Chromatography", GRD2-2000-30037), SWIFT-WFD ("Screening methods for Water data InFormaTion in support of the implementation of the Water Framework Directive", SSPI-CT-2003-502492), PORTONOVO (INTERREG-ATLANTIQUE) (2010-2012), ORQUE-SUDOE (INTERREG SUDOE, 2013-2015), EDC-WFD (JRP call - EMPIR project 18NRM01 EDC-WFD) (2019-2023) « Metrology for monitoring endocrine disrupting compounds under the Water Framework Directive ». She was the co-coordinator of the GDR IMOPHYS and GDR EXECO.

DISTINCTIONS AND AWARDS

The brass medal of the CNRS (1995), the silver medal of CNRS (2017), the French Chemistry Society (SFC) award for the analytical chemistry division (1997), the ADEME award for environment innovative techniques (1998, 2002, 2010, 2014); Knight of the National Order of the Merit (2009), Knight of the Order of Merit Maritime (2014), Knight of the Legion of Honour (2015), “Membre Distingué Senior” of SFC (2017), award Philippe Guye French Academy of Science and Berthelot medal (2019), Jean Perrin conference SFC (2019), Award Sue SFC (2022).