

**Name:** Mohamed Abdallah

**Current Employer:** University of Birmingham, UK.

**Current Position:** Associate Professor of Environmental Sciences.

**Researcher identifier:** Scopus Author ID: 23977785900; ResearcherID: P-8813-2014; ORCID: 0000-0002-4624-4073

### Qualifications

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|------|---|
| 2018 | <b>Master</b> , Postgraduate certificate in higher education (PGCHE).   |
| 2010 | <b>PhD</b> , Division of Environmental Health and Risk Management, School of Geography, Earth and Environmental Sciences, University of Birmingham, UK. |
| 2003 | <b>MSc</b> , Applied Analytical Chemistry, Faculty of Pharmacy, Assiut University, Egypt.   |
| 2000 | <b>BSc</b> , Pharmaceutical Sciences, Faculty of Pharmacy, Assiut University, Egypt.  |

### Professional Career

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|----------------|--|
| 2021 – to date | Associate professor of Environmental Sciences. University of Birmingham, UK.     |
| 2018 – to date | Director of the GEES mass spectrometry facility. University of Birmingham.       |
| 2016 – 2021    | Lecturer in Emerging Contaminants. University of Birmingham, UK.                 |
| 2015 – 2016    | Research Fellow. University of Birmingham, UK.                                   |
| 2013 – 2015    | Marie-Curie Research Fellow. University of Birmingham, UK.                       |
| 2011- 2013     | Director of the Mass spectrometry facility. Assiut University, Egypt.            |
| 2010 – 2013    | Lecturer in Analytical Chemistry, Faculty of Pharmacy, Assiut University, Egypt. |

### Research Profile

I have extensive experience in development and application of advanced analytical methods for assessment of trace contaminant levels (e.g., Persistent Organic Pollutants (POPs), Per- and Poly-fluoro alkyl substances (PFAS), Pharmaceuticals and personal care products (PPCPs), pesticides and microplastics) in various environmental and biological matrices. I have made substantial contributions to the field of human exposure to emerging contaminants using various exposure, pharmacokinetic and wastewater-based epidemiology models. My research is predominantly translational, with the aim of using blue sky research to inspire technological innovations that deliver sustainable solutions to pressing environmental issues on the global scale. As such, I have continuously engaged with national and international stakeholders including government organisations (UK COT (committee on toxicology), UK EA (environment agency), DEFRA (Department for Environment, Food & Rural Affairs), ECHA (European Chemicals Agency), USEPA (United States Environment Protection Agency), ECCC (Environment and Climate Change Canada) and Health Canada), NGOs (Greenpeace, Fidra), industry (Axion Ltd, Severn Trent, Umgeni Water) and international organisations (UNEP Stockholm Convention on POPs and IARC (International Agency for Research on Cancer)).

### Publications

I have **>100 research papers, 4 monographs, and 3 book chapters** with more than **11,000 citations**, contributing to a current **H-index of 51**. Full list of publications can be found [here](#).

### Editorship of International peer-reviewed Journals

- **Associate Editor** of Elsevier's *Environmental Research Journal* (2020 – to date). Top 10% Journal in Environmental Sciences (*CiteScore* 9.5; *IF* 8.4). Since joining in 2020, I have processed > 350 submissions.
- **Editor-in-Chief** of KeAi *Environmental Pollution & Management Journal* (2023-to date).
- **Associate Editor** of KeAi *Emerging Contaminants Journal* (2016-2020).
- **Editorial board member** of two Journals: *Emerging Contaminants (Q1 for environmental sciences)*

and *Toxics* (Q1 for chemical health & safety).

- **Supervising Editor** for 2 special issues of Environmental Research: “Plastics & Toxicity” and “Mineral and Plastic Particles Toxicity”.

### Research Supervision

Since 2010, I supervised 16 PhD students to the completion of their degree. Currently supervising 10 PhD students and 2 postdoctoral research fellows.

### Current and recent research funding

Since 2010, I have received ~ **£6.5 Million** in research funding. Below is a summary of grants in the last 5 years.

<i>Project Title</i>	<i>Funding</i>	<i>Amount</i>	<i>Period</i>
UPSTREAM - Circular and bio-based solutions for the ultimate prevention of plastics in rivers integrated with elimination and monitoring technologies.	HORIZON-MISS-2022-OCEAN-01-04	€5 Millions	2023-2027
DermPlast - Assessment of human Dermal exposure to microPlastics additive chemicals and the risk arising from such exposure using innovative 3D-human skin equivalents.	H2020-MSCA-IF-2020	€224,933	2021-2023
Development and Performance Testing of a Multi PFAS Method for Drinking Water. Contract ecm-60065	DEFRA	£69,000	2021-2022
FluoroCosm- Evaluating Dermal Metabolism and Uptake as Pathways of Human Exposure to Per- and PolyFluoroAlkyl Substances in Cosmetics.	H2020-MSCA-IF-2019	€224,933	2020-2022
The circularity of biological wastewater treatment	Royal Academy of Engineering	£30,000	2020-2021
Daphnia Water Solutions (DWS)	Institute of Global Innovations (IGI)	£30,000	2019-2020
PERFORCE3 - Innovative Training Network on PER and Polyfluorinated Alkyl Substances Towards The Future of Research and its Communication In Europe 3.	H2020-MSCA - ETN- 2019	€303,172	2019-2023
Microplastics in the Aquatic Environment	BRIDGE seed fund	£10,000	2018-2019
ReCLAIM - Recovery of polymers containing legacy additives in MEPs.	Innovate UK	£260,000	2018-2020
INTERWASTE - Synergising International Efforts to Understand the Fate of Consumer Chemicals in the Waste Stream.	H2020-MSCA-RISE-2016	€ 832,500	2017-2021

Signature



Date

07/03/2024