



Instituto Universitario de Investigación
**Biocomputación y Física
de Sistemas Complejos**
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Oana María Carciu

Since 2009, she has worked at the University of Zaragoza and participated in national and international research projects. She obtained her PhD with international mention in 2014, with the thesis on intercultural and interlinguistic variation in biomedical writing. She has stayed at the universities of Birmingham and Lancaster, specialising in computational academic communication. Since 2021, she has been part of BIFI in the Digital Science research line, where she contributes to the analysis of open scientific texts to communicate science to non-specialised audiences.



Researcher profile

She works on the analysis of scientific communication to various audiences, including researchers, students and the general public. She studies the different types of oral and written texts that scientists must master in order to effectively communicate science to society, facing challenges such as adapting messages to different audiences with different needs, such as informing, educating or combating misinformation. In addition, she investigates the most effective means, tools and strategies for transmitting complex scientific knowledge.

Importance of her research

In her work, she uses electronic corpora of authentic texts analysed with specialised software to study communication strategies according to the target audience, linguistic features, and the use of text-image interaction to facilitate the understanding of scientific content. Her aim is to identify the skills necessary to construct and disseminate science, and to develop training proposals in scientific communication to society.

