

## Postdoctoral researcher interested in applying for MSCA

We are looking for candidates with an academic degree related with natural language processing (NLP) who are eligible for a MSCA Postdoctoral contract to train large language models for computational nutrition resources.

All info about the MSCA postdoctoral fellowship in:

<https://marie-sklodowska-curie-actions.ec.europa.eu/actions/postdoctoral-fellowships>

### Description /

The successful candidate will develop work in one of our currently research lines:

The development of NLP resources for analysing food-drug interactions. See previous work: <https://pubmed.ncbi.nlm.nih.gov/37951712/>

Development of large language models to integrate and facilitate research practice in nutrition area.

### Academic requirements /

Candidates must have completed a PhD in areas related to natural language processing (NLP) and have an advanced level of English.

- » Demonstrated experience in developing natural language processing tools.
- » Skills in handling large textual datasets.
- » Experience with libraries and frameworks such as NLTK, SpaCy, TensorFlow, or PyTorch.
- » Ability to design and implement machine learning algorithms for text analysis.

### Responsibilities /

Collaborate in the design and development of natural language processing tools in the nutrition domain.

Analyze and process large amounts of textual data related to food and health.

Continuously improve and optimize natural language processing models.

Work closely with multidisciplinary teams, including nutrition experts, molecular biologists and bioinformaticians.

**Benefits /**

- Opportunities for professional growth.
- Dynamic and innovative work environment.
- Participation in projects that positively impact health and well-being.

**Working environment /**

The successful candidate will join the team of the computational biology group, composed of postdoctoral researchers and other PhD students. The workplaces will be IMDEA Alimentación, located in Madrid (Spain). In addition, the applicant will have the possibility to collaborate with researchers associated to this group in different international institutions.

**How to apply /**

Interested applicants should send their CV together with a cover/motivation letter to the following email address:

Dr Enrique Carrillo de Santa Pau  
Computational Biology Group  
IMDEA Food, Madrid (Spain)  
[enrique.carrillo@imdea.org](mailto:enrique.carrillo@imdea.org)