

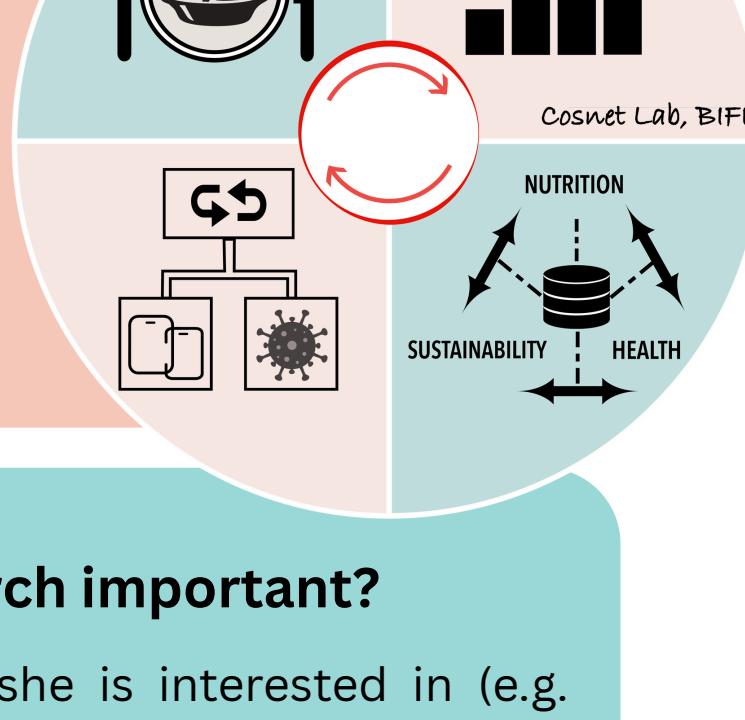
## Ariadna Fosch Muntané

She earned her Bachelor's in Biomedical Engineering from Pompeu Fabra University (2019) and an MSc in Systems Biology from Maastricht University (2021). She is a PhD student co-supervised by Yamir Moreno and Alberto Aletá. She has worked as a Junior Researcher at both the Institute for Scientific Interchange (ISI) and the CENTAI Institute in Turin, Italy. Her academic journey combines engineering foundations with advanced systems biology research within a collaborative, multidisciplinary environment.



## Researcher profile

Her research focuses on applying complex systems methods to the management of different societal challenges. She aims to create data-driven methods that help policymakers understand the impact of their interventions and plan sustainable policies accordingly. Some of her most recent projects involve: studying the impacts of Palm oil production in sustainable development, the effectiveness of contact-tracing apps during the Covid-19 pandemic, assessing the impact of flood risk on home prices, and quantifying the robustness of food-trade networks against shocks.



## Why is her research important?

All the societal challenges she is interested in (e.g. epidemics, climate change, trade shocks...) are currently hot topics among policymakers. Thus, providing them with data-driven predictive models that explore the potential outcomes of their interventions could greatly help them in their decision-making process.

