



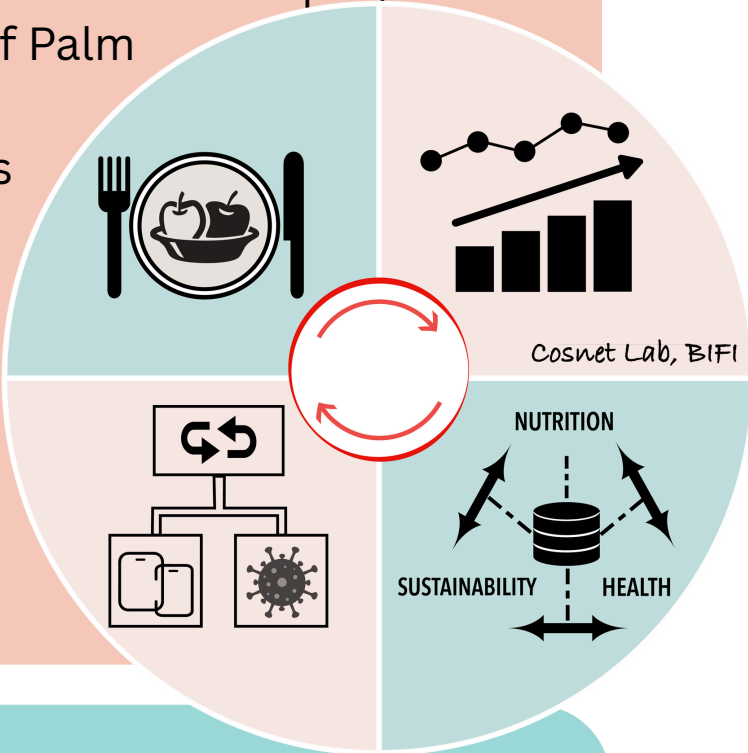
Ariadna Fosch Muntané

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. TShe 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.

