

Seminari di Matematica

Nell'ambito delle attività seminariali del Dipartimento di Matematica,
su proposta del gruppo di ricerca:

“MIDAS (Mathematics in Data Analysis)” di Nicoletta Del Buono,
nell'ambito del progetto: “Repurposing marine by-products or raw materials for the
development and production of functional foods and bioactives to improve human health
and coastal community sustainability” il cui responsabile locale é Flavia Esposito,

il Prof. Raymond Thomas,
Professor and Western Research Chair
al Department of Biology, Faculty of Science,
Western University, London, Canada,

terrà presso il Dipartimento di Matematica
dell'Università degli Studi di Bari Aldo Moro,
la seguente conferenza:

“Application of lipid bioinformatics as a tool to
better understand the role of the lipidome in stress biology”

il 26 settembre 2023, alle ore 15:30 in aula X

Abstract:

"Lipid bioinformatics is an emerging tool in the omics field and very useful is discerning how different organisms perceive and respond to different stressors in their natural environment. In this talk we present the application of a state of the art lipid bioinformatics platform to show how agronomic crops respond to stress in the growth environment, brain response to acute dose of gut microbial metabolites, and the influences of maternal obesity on breast milk lipidome impacting infant growth and health outcome during early life. We hope this work will demonstrate the potential of lipid bioinformatics as a sensitive approach that can be used to better understand and interpret how organisms perceive, navigate or respond to different stressors in their Natural environment".

La S.V. è cordialmente invitata a partecipare.
Bari, 25 settembre 2023

F.to Prof.ssa Anna Maria CANDELA