



*Challenging organic syntheses inspired by nature-
from natural products chemistry to drug discovery*

COST Action CM1407

Meeting dedicated to Early Career Investigators



Brussels (Belgium)

18-19 February, 2019

Location: COST Association, Brussels (Belgium), 18-19 February, 2019

Avenue Louise 149, 1050 Brussels, Belgium, Phone +32 2 533 38 00

→ [Link to Google Map](#) ←

Scientific Committee:

Bruno Botta (Action Chair, Italy)

Mattia Mori (MC Member, Italy)

Patricia Rijo (MC Substitute, Portugal)

Francesca Ghirga (Istituto Italiano di Tecnologia, Italy)

Michalis Christodoulou (Università degli Studi di Milano, Italy)

Secretary: Ioana Stupariu (Secretary COST Action CM1407)

CM1407 ACTION SUMMARY

Natural products (NP) have had a major impact on chemistry, chemical biology and drug discovery and have been part of medical remedies since ancient times. Nowadays, NP represent a unique source of leads for medicinal chemistry and drugs derived from NP have found widespread use for the treatment of cancer, cardiovascular diseases, bacterial and fungal infections. The general aim of this COST Action is to advance the field and to maintain the high level of expertise in NP chemistry within Europe by combining synthetic chemistry, computational chemistry, chemical biology, and pharmacology to find new lead structures of pharmaceutical relevance. Since chemistry plays a key role in addressing the industrial requirements for preclinical candidates in terms of physicochemical properties of NP and their analogues, this Action further aims to promote the translation between fundamental academic research and industrial drug discovery by means of NP chemistry. COST is a unique means for European researchers, engineers and scholars to jointly develop their own ideas and new initiatives across all fields of science and technology through trans-European networking of nationally funded research activities.

www.cost.eu

<http://www.natchemdrugs.eu>