



**CHALLENGING ORGANIC SYNTHESSES INSPIRED BY NATURE –  
FROM NATURAL PRODUCTS CHEMISTRY TO DRUG DISCOVERY**

**Lisbon, 21-22 September 2017**



**COST Action CM1407, 4<sup>th</sup> Joint MC/WG Meeting**

***Research Center for Biosciences & Health Technologies (CBIOS)***

Universidade Lusófona de Humanidades e Tecnologias

Lisbon, Portugal



**Location:** Lisbon, Portugal 21-22 September 2017

**Venue:** CBIOS, Universidade Lusófona de Humanidades e Tecnologias, Campo Grande  
376, 1749-024 Lisboa

**Deadline** for abstract submission **August 1<sup>st</sup>**

**Scientific Committee:**

Bruno Botta – Action Chair of CM1407 (Italy)  
Markus Kalesse – Leader WG-1 (Germany)  
Juana Díez – Leader WG-2 (Spain)  
Milica Pešić – Leader WG-3 (Serbia)  
Gunter Schneider – Leader WG-4 (Sweden)  
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**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.**

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