

AIM: Integrate Activities on Chemical Ecology within the MarBEF NOE

Training Courses, Workshops, Sabbaticals
Other Activities (writing of position papers, exchange of information, data and samples)

List of Participants

Stazione Zoologica of Naples, Italy

- Roscoff Marine Laboratory, France
- Institute of Bio-Molecular Chemistry, Pozzuoli (Naples)
- Helgoland Marine Station (AWI), Germany
- Tjärnö Marine Laboratory, Sweden
- Centro Interdisciplinar de Investigação Marinha Ambiental(CIMAR)/ Instituto Nacional de Engenharia, Tecnologia e Inovação (INETI), Portugal
- Max-Planck-Institute for Marine Microbiology, Germany
- Villefranche Marine Station, France

ROSEMEB Activities for 2005-2007

- -Kick-off meeting in Ischia, Italy, 3- 4 November 2005
- -Position paper "New Trends in Marine Chemical Ecology" by lanora and 8 co-authors under revision for "Estuaries"
- -List of relevant publications posted on MarBEF-ROSEMEB webpage
- -Training course on "Bioassay Methods in Chemical Ecology"
- 9-14 September 2006 in Tjärnö, Sweden
- -Exchange of samples
- -Short sabbaticals

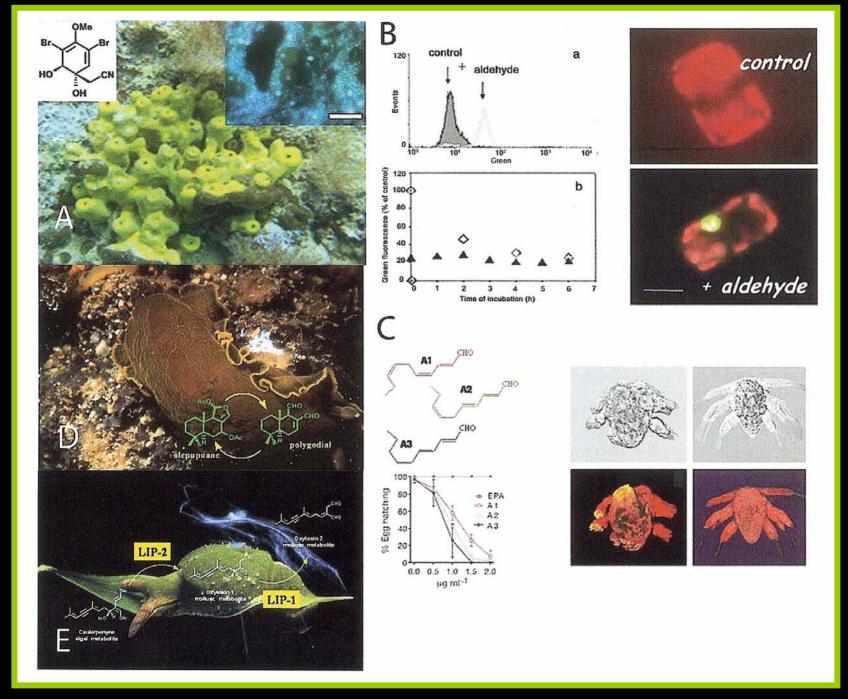


THE H. T. ODUM SYNTHESIS ESSAY New Trends in Marine Chemical Ecology

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- 3 Istituto per la Chimica Biomolecolare del CNR, 800078 Naples, Italy
- 4 Max Planck Institute for Marine Microbiology, Celsiusstr. 1, D28359 Bremen, Germany
- 5 Tjarno Marine Biological Laboratory, SE-452 96 Stromstad, Sweden
- 6 Station Biologique CNRS, 29680 Roscoff, France

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MARBEF Advanced Course on

Chemical ecology and bioassay methods

Marine Biological Laboratory Tjärnö, Sweden, 9-14 September 2006

Course Coordinators

Adrianna Ianora Henrik Pavia

Scientific Board

Jens Harder Raffaella Casotti Adrianna Ianora Gunilla Toth Angelo Fontana

Faculty

Maarten Boersma (D)
Raffaella Casotti (I)
Angelo Fontana (I)
Jens Harder (D)
Mark E. Hay (USA)
Friederike Hoffmann (D)
Adrianna Ianora (I)
Catherine Legrand (SE)

Henrik Pavia (SE) Joe R. Pawlik (USA) Philippe Potin (F) Serge Poulet (F) Giovanna Romano (I) Michael Steinke (UK) Gunilla Toth (SE)

TOPICS: Chemical Ecology, Marine Natural Products, Ecotoxicology, Allelochemicals, Bioassays of natural compounds, Chemical defense, Deterrency, Trophic Interactions, Methods



More info and application forms: www.marbef.org
Contact person: gunilla.toth@Imbl.gu.se
Deadline for application: June 30th, 2006



Training Course at the Marine Biological Laboratory in Tjärnö







New reference list of relevant publications in chemical ecology

This is a list of published scientific papers, relevant to the general field of marine chemical ecology, meaning by this all fields of research dealing with secondary metabolites of marine organisms and their effects at the molecular, cellular, population, community, and ecosystem level. This list has several aims, from providing general reading to interested scientists, to offering a starting point for potential researchers in chemical ecology, to presenting supporting evidences from different models on the role of secondary metabolites in marine systems. It reflects the expertise of the participants in the MarBEF-ROSEMEB subproject, and is not intended to be exhaustive or final and will be updated as necessary.



Helena Gaspar INETI-CIMAR Portugal Sabbatical Activity at ICB Italy

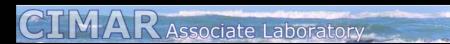
- Use ICB facilities for ecological studies of nudibranchs from Portugal that included:
 - NMR Characterization of new compounds
 - NMR analyses of biosynthetic studies







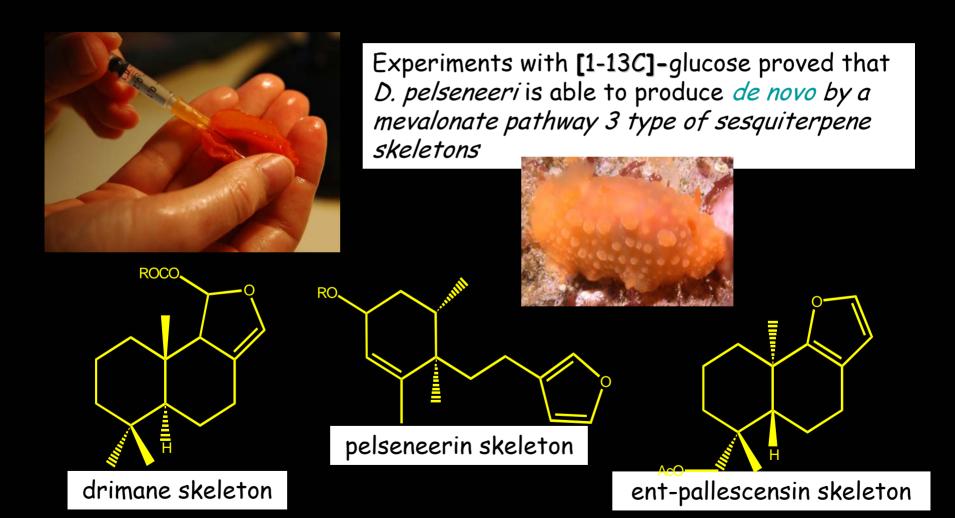






Biosynthetic Study in vivo of Doriopsilla pelseneeri (d'Oliveira, 1895)

Order Nudibranchia Family Dendrodorididae



Forthcoming activities



- -Training course on chemical isolation methods in Pozzuoli (Naples, Italy) at the Institute for Biomolecular Chemistry organised by Angelo Fontana and co-workers from 13-16 September 2007
- -Workshop on the Chemical Ecology of Plankton in August 2008 at Klapeida University (Lithuania) organised by Artūras Razinkovas and Adrianna lanora
- Workshop on the Chemical Ecology of the Benthos in Fall 2008