

# IENICA

Interactive European Network for Industrial Crops and their Applications

## ***Speciality Chemicals for the 21st Century***

International Seminar

**ADEME**



Agence de l'Environnement  
et de la Maîtrise de l'Energie

***Intermediary products  
Cosmetics and perfumes  
Medicinal applications***

16 – 17 September 1999  
Valbonne – France

*The use of biological raw materials from crops for the production of industrial products other than food is of increased interest nowadays.*

*The objectives of this seminar are to give an overview of the opportunities available from speciality crops. It will concern research and technological development and will include production and processing of products with higher added value. Expert presentations will emphasise the development and exploitation of new markets for these products.*

*The application of new processing technologies and biotechnology to the molecular components of plants will be presented. The links between the primary producers, the processing and end-use industries will be highlighted. In this context, the aim is to identify the needs and requirements of industry, end-users and consumers.*

**16<sup>th</sup> of September 1999**

8.30 - 9.00 **Registration**

9.00 - 9.30 **WELCOME ADDRESS**

*Claude Roy - ADEME, Direction de l'Agriculture et des Bioénergies,  
Paris, France*

**INTRODUCTION**

*Topic Chairman : Yves Queneau - Unité mixte CNRS / Béguin-Say,  
Villeurbanne, France*

9.30 - 10.00 Presentation of European resources : location, areas, development opportunities, strategic orientation

*P Garnon - ONIPPAM, Volx, France*

10.00- 10.30 European research and development programmes

*Ciaran Mangan - DG XII.E.2, Brussels, Belgium*

10.30 – 11.00 **Coffee Break**

11.00 – 11.30 Contract production of novel crops

*Stewart Green - Kings, Essex, United Kingdom*

11.30 – 12.00 Establishing the cultivation and processing of plants for ingredients for the cosmetic, pharmaceutical and chemical industries. Experiences in the United Kingdom

*Richard Constanduros - Agros Associates, Scotland, United Kingdom*

12.00 – 12.30 Extraction of vegetable molecules : New products and technology development

*Bernard Mompon - Archimex, Vannes, France*

12.30 – 14.00 **Lunch**

**TOPIC 1 : INTERMEDIARY PRODUCTS**

*Topic Chairman : Sandro Palmieri - Istituto Sperimentale per le  
Colture Industriali, Bologna, Italy*

14.00 - 14.30 Bioactivity of essential oil of selected temperate aromatic plants : antibacterial, antioxidant, anti-inflammatory and other related pharmacological activities

*Katarina Svoboda - Scottish Agricultural College, Scotland, United Kingdom*

*Kingdom*

14.30 – 15.00 Vegetable dyes : cultivation, extraction and application. Experience in south west France

*Gérard Vilarem – ENSCT, Toulouse, France*

15.00 – 15.30 Terpenes as natural chiral starting materials for the synthesis of flavours, fragrances, pharmaceuticals and biocontrol agents

*Giovanni Vidari – University of Pavia, Dpt di Chimica Organica, Pavia, Italy*

15.30 – 16.00 **Coffee Break**

**TOPIC 2 : COSMETICS AND PERFUMES**

*Topic Chairman : Katarina Svoboda - Scottish Agricultural College, Scotland, United Kingdom*

16.00-16.30 Carbohydrate derivatives in the field of fragrances and emulsifiers

*Yves Queneau - Unité mixte CNRS / Béguin-Say, Villeurbanne, France*

16.30 – 17.00 Oleochemicals : raw materials for cosmetics & pharmaceuticals

*Catherine Sieben - Fina Research, Seneffe, Belgium*

17.00 - 17.30 Perfume plants: an example from an interprofessional corporation

*Michel KRAUSZ – CIHEF, Manosque, France*

17.30 – 18.00 Development of new natural vegetable oils for the cosmetic industry in the 21st century

*Aran Puri - Natural Solutions, Scotland, United Kingdom*

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**TOPIC 3 : MEDICINAL APPLICATIONS**

*Topic Chairman : Richard Constanduros - Agros Associates, Scotland, United Kingdom*

9.00 – 9.30 Phytotherapy and herbal medicinal products in European Union

*Barbara Steinhoff – BAH eV, Bonn, Germany*

9.30 – 10.00 Glucosinolates as nutraceutical products?

*Sandro Palmieri - Istituto Sperimentale per le Colture Industriali, Bologna, Italy*

- 10.00 – 10.30 The development of gamma-linolenic acid (GLA) as a pharmaceutical product  
*Peter Lapinskas - Scotia Pharmaceuticals Ltd, Guildford, United Kingdom*
- 10.30 – 11.00 **Coffee Break**
- 11.00 – 11.30 Active compounds of cold tolerant medicinal plants cultivated in Finland  
*Bertalan Galambosi - Agricultural Research Centre, Mikkeli, Finland*
- 11.30 - 12.00 The plant as a factory for the production of oral vaccines  
*Ignacio Casal - Immunologia y Genetica Aplicada S.A., Madrid, Spain*
- 12.00 – 12.30 **RECOMMENDATIONS AND STRATEGIC ORIENTATION**  
*Patrick Garnon - ONIPPAM, Volx, France*
- 12.30 - 13.00 **CLOSING REMARKS**  
*Melvyn Askew - Central Science Laboratory, York, United Kingdom*
- 13.00 – 14.00 **Lunch**
- 14.00 – 16.00 **TECHNICAL VISIT**