



## WORK PROGRAMME VETPRO - LEONARDO DA VINCI PROGRAMME

### I. DETAILS ON THE PARTICIPANT

Name of the participant: Association "Romanian Society of Ethnopharmacology"  
 Field of vocational education: food/food allergens  
 Sending institution (name, address): Association "Romanian Society of Ethnopharmacology", Str. Cocorului nr. 5, bl. 225, sc A, ap 6, Brasov, 500419  
 Contact person (name, function, e-mail, tel): MARCULESCU Angela, president, marculescu\_angela@yahoo.com, +40 733 922344, +40 268 514331

### II. DETAILS OF THE PROPOSED TRAINING PROGRAMME ABROAD

Receiving organisation (name address): Hylobates Consulting SRL, Via Gaggiano 42, Roma, 00135, Italy.  
 Contact Person (name, function, e-mail, tel): Bucchini Luca, Manager, hylobates@hylobates.it, +39 0630995078

Planned dates of start and end of the mobility period: 4th October 2009/17th October 2009

- **Detailed programme** of the training period:

#### 05.10.2009

Visiting of hosting organization, University of Milano; presenting and introducing the members of hosting and sending organizations.

Round table – moderator Prof. Patrizia Restani, scientific responsible

Participants: members of hosting and sending organizations.

Theme: General principles regarding food allergies and food allergens. Intolerance. Celiac diseases

Collective debates concerning the impact of food allergens on consumers from Italy and Romania.

#### 06.09.2009

Prof. Patrizia Restani

Presenting of the main food allergens for different types of products. Chemical and toxicological aspects, action modality of the principal food allergens.

Collective debates concerning toxicity of chemical substances that present allergenic effects in foodstuffs, causality of their presence taking into account the food technologies, the tracing of food products and biochemical transformations that can occur during their fabrication, keeping and consuming.

#### 07.10.2009

Dr. Luca Bucchini

Presenting the aspects connected with food risk at European level, the analysis and evaluation of this risk for food borne diseases.

Round table: moderator Dr. Luca Bucchini

Theme: risk analysis for food allergens domain, consumer perception concerning food risk and protection modalities.

**08.10.2009**

Dr. Luca Bucchini

Presenting of the European Union legislation framework for food allergens. Labeling and surveillance (RASFF). Aspects concerning the impact of food allergens on health epidemiology, toxicology, etc.

Collective debates concerning risk management for food allergens in food and catering company.

**09.10.2009**

Workshops guided by researchers of University of Milan (Cinzia Ballabio, Chiara Di Lorenzo, Francesca Uberti) in which practical demonstrations are done concerning identification modalities of food allergens with specific analyzing methods. Analytical evaluations of obtained results will be done for different food categories.

In the context of these working groups the Romanian specialists will learn about methodologies used in Italian laboratories, specific devices, used reagent kits, evaluation methods, etc. During this course the Romanian specialists will perform these analyses with the purpose of specific professional abilities and competencies development.

**12.10.2009**

Working visit at Euroclone – Trieste – collaborator of University of Milano (research and documentation centre) which work in public health domain and scientific research with main applications in biomedical field and specialized researches related with food allergens. The company is offering to all interested laboratories from Italy and Europe ones of the new technological innovations necessary to all scientific communities for progresses in molecular and cellular biology, agricultural-food and veterinary diagnosis and human diagnosis.

Workshop – moderator – manager of Euroclone Company.

Theme: Theoretical and technical information of Romanian specialists about technological and analytical innovations in the field.

**13.10.2009**

Workshops: Romanian researchers will be organized in 5 groups of 2 persons that will study 5 food products categories.

Under Italian researchers supervision the Romanian researcher groups will perform in specialized laboratories of University of Milan from Lodi the identification and quantification methods of food allergens for each product category and the analytical results will be evaluated.

Collective debates about obtained results and their discussion. With these activities the development of professional competencies and abilities of all participants are pursued.

**14.10.2009**

Workshops – will continue the previous day activities due to long standing analyzing techniques and their complexity.

Under Italian researchers supervision the Romanian researcher groups will continue, in specialized laboratories of University of Milan from Lodi, the identification and quantification methods of food allergens for each product category and the analytical results will be evaluated. Collective debates about obtained results.

In this way the professional competencies and abilities of all participants will be developed.

**15.10.2009**

Workshops – organized in 5 teams for elaboration of 5 different micro projects function of food product tackled by each Romanian team.

These workshops will be realized with specialty advising of Italian project tutor – Luca Bucchini – and his collaborators.

Each working team with 2 Romanian researchers will elaborate 1 micro project in which for each food product category will be presented theoretical and legislative aspects, analyzing techniques and obtained results regarding specific food allergens. The micro projects will present also the aspects of

these allergens impact on consumers and the provisions regarding the risk diminishing modalities will be done.

For these micro projects elaboration the Romanian researcher will use all the theoretical and practical knowledge acquired during this course.

**16.10.2009**

Round table organized by Italian partner in the view of course evaluation

Evaluation commission will be conducted by formation course tutor Luca Bucchini and scientific responsible Prof Patrizia Restani

1. Presenting of the micro projects realized by all Romanian researchers with enhancing the real aspects related by the activities performed during the course, the outcomes obtained in workshops for the each analyzed food product and professional improvement specific to tackled field. The modalities of how this knowledge will be applied in professional activity, including in researches activities
2. Intra-evaluation – discussions based on micro projects themes between Romanian participants and evaluation commission. Evaluation of Romanian researcher’s competencies and abilities improvement obtained during the course realized by evaluation commission.
3. Validation of formation course for course participants and signing the Europass Certifications by course tutor – Luca Bucchini.
4. Final conclusions about the course and establishment of collaboration protocol between Hylobates Consulting SRL and University of Milan on one side and Romanian Society of Ethnopharmacology on the other side in the view of realizing the new research collaborations and development of new research projects

**- Monitoring arrangements:**

The monitoring activity will be realized both from organizational point of view and from scientific aspect by representative of Romanian Society of Ethnopharmacology in collaboration with Italian partner and with the aim of reaching the main objectives of this project.

For monitoring purpose the individual course member’s card will be used thus the communication will represent the impetus of the project success.

Romanian representative Angela Marculescu and course tutor Luca Bucchini will assure that all activities are unrolled according to the project schedule and will solve the eventual problems.

**- Foreseen use of outcomes, evaluation:**

The **outcomes of formative formation course** in the field of food allergens consist of:

- Formation of 10 participants with improved abilities, developed in the field of food allergens with the possibility of their valorization in further researches.
- 5 micro projects for food allergens researching for 5 food product categories which will be available to any interested persons from Romania and which will be published in collaboration with Italian partner in specialty journal.
- The partners in the project will be able to organize training seminars for other interested persons in the field of food allergens.

The outcomes of the course will be promoted also through:

- Informative materials for producers and users of agricultural-food products with allergenic risk, for undergraduate and graduate students, for interested companies, collaborators of Romanian Society of Ethnopharmacology. All these materials will be presented at scientific conferences and published in collaboration with Italian partner in specialty journals.
- Applicative research projects in Romania, regarding analytical aspects of food allergens detections
- Participants in the project will apply the knowledge acquired in the frame of formative formation course in their professional activity at sending organizations and scientific activities organized by Romanian Society of Ethnopharmacology.

**The evaluation of project outcomes** obtained by the course participants will be done by the hosting organization, Hylobates Consulting SRL and University of Milan, Italy. The evaluation will be carried out

on the basis of the micro project realized and presented by Romanian participants at the end of the course and on the base of professional debates that will be held on the project theme (food allergens).

The representative of Romanian Society of Ethnopharmacology through direct collaborations with sending organizations will supervise the optimal valorization of the quality of formatives in the field of food allergens acquired by project participants.

**Evaluation of project outcomes** will be done by a commission of the beneficiary organization of the project, Romanian Society of Ethnopharmacology, in collaboration with the representative of the hosting organizations (extern partners), Hylobates Consulting SRL and University of Milan, Italy. The evaluation will consist in the analyzing of proposed project objectives realization and the analysis of concrete modalities of obtained outcomes valorization proposed by project partners and by representative of beneficiary and hosting organizations.

The representative of Romanian Society of Ethnopharmacology at the end of the project will hand over all participants in the project the Europass Certificates.

### III. COMMITMENT OF THE PARTIES INVOLVED

**By signing this document, the participant, the sending institution and the receiving organisation confirm that they will implement the work-programme as described above.**

#### THE PARTICIPANT

Participant's signature

..... Date:

#### THE SENDING INSTITUTION

We confirm to implement the proposed work programme.

Coordinator's signature

..... Date: .....

#### THE RECEIVING ORGANISATION

We confirm to implement the proposed work programme.

Coordinator's signature

..... Date: .....