



# INTENSIVE COURSE IN DERMATO-COSMETIC SCIENCES

BRUSSELS  
12 - 16 Sept 2011

## ***Key questions to be tackled by the course***

- How to realise daily skin care and how to deal with the delicate napkin zone ?
- How important is the barrier function of the skin ?
- What is "sensitive skin" ?
- What are the newest findings concerning skin aging ?
- How can one efficiently protect the skin from premature aging ?
- **Efficacy testing of cosmetics is a part of the new RECAST regulation : what to expect and how to deal with it ?**
- How effective are skin care products ? Can their efficacy be objectively evaluated by the use of non-invasive methods on humans? Are there new techniques available ?
- How important is dermal absorption for the safety of dermato-cosmetics ?
- How safe are dermato-cosmetics today ?
- Is the application of *in vitro* methods for safety testing of cosmetics possible today ? How can we test safety and efficacy of cosmetics without experimental animals?



Vrije Universiteit Brussel

Faculty of Medicine and Pharmacy

## OBJECTIVES

This international course has been organized in 1992 and from 1995 on every year. Because of its overwhelming success it will be organized again this year. The course offers an intensive training programme, designed for those of graduate and postgraduate status, in the field of dermato-cosmetic sciences. Our aspiration is not only to provide up-to-date reliable scientific information of university standard regarding the preparation and production of chemically and toxicologically well defined products, but also of the close interaction between dermatologic or cosmetic products and the skin as a living organ. The course is aimed to form specialists for the cosmetic industry, the dermatologically oriented pharmaceutical industry and for professionals in research and development, scientists, marketeers and training people involved in dermato-cosmetics.

## COURSE ADMINISTRATORS

### André Barel

Doctor in Biochemistry, special licence in Cosmetology, professor emeritus in Chemistry and Biochemistry, Vrije Universiteit Brussel, active emeritus for the Department of General and Biological Chemistry.

### Vera Rogiers

Doctor in Pharmaceutical Sciences. Master in Applied Toxicology, full-time professor at the Vrije Universiteit Brussel (VUB) in the faculty of Medicine and Pharmacy; head of department of Toxicology; lecturing the courses of toxicology, chemical quality and toxicity of cosmetics, and galenics (dermatological preparations) to pharmacy students; responsible for two research teams, one in experimental *in vitro* toxicology and one in dermato-cosmetology. Organizer of the course : "Safety Assessment of Cosmetics in the EU". At the European level, co-chair of the SCCS (Scientific Committee on Consumer Safety). Chairperson of *ecopa* (European Consensus Platform on 3R-Alternative Methods) from 2000-2009.

Research partner in several FP6 and FP7 EU projects (CarcinoGENOMICS, Liintop, ESNATS, DETECTIVE and HemiBio) and from 2008 - 2010 coordinator of the START-UP project. Member of the mirror group of *epaa* (The European Partnership for Alternative Approaches to Animal Testing). Member of ESAC (ECVAM Scientific Advisory Committee).

### Diane Roseeuw

Aggregated PhD in Dermatology, professor in Dermatology at the Vrije Universiteit Brussel, head of the Department of Dermatology of the University Hospital of the Vrije Universiteit Brussel.

**The realisation of the course is possible thanks to the support of S.A. Beiersdorf N.V., Belgium.**

## SCIENTIFIC PROGRAMME

### SUNDAY 11 SEPTEMBER 2011

20.00 Welcome reception

### MONDAY 12 SEPTEMBER 2011

09.00 - 09.15 Welcome  
*Prof. V. Rogiers (Vrije Universiteit Brussel, BE)*

#### Session 1 : Skin care

09.15 - 10.15 Anatomy and physiology of skin and hair.  
*Prof. D. Roseeuw (Universitair Ziekenhuis Brussel, BE)*

10.15 – 10.30 *Coffee break*

10.30 - 11.30 Skin types and daily care.  
*Prof. V. Rogiers (Vrije Universiteit Brussel, BE)*

11.30 - 11.45 *Coffee break*

#### Session 2 : Barrier function of the skin

11.45 – 12.45 Lipids and biochemical mechanisms involved in barrier function.  
*Dr. N. Schürer (Universität Osnabrück, DE)*

12.45 – 14.15 *Coffee break*

14.15 – 15.00 Dermal absorption of cosmetic ingredients.  
*Dr. W. Steiling (Henkel, Düsseldorf, DE)*

15.00 – 15.15 *Coffee break*

15.15 – 16.15 Dermato-cosmetics affecting the barrier function.  
*Prof. K. De Paepe (Vrije Universiteit Brussel, BE)*

### TUESDAY 13 SEPTEMBER 2011

09.00 – 09.45 Skin care of the napkin zone.  
*Dr. R. Adam (Procter & Gamble, Schwalbach am Taunus, DE)*

09.45 – 10.00 *Coffee break*

#### Session 3 : Sun, skin and aging

10.00 – 11.00 Is there something like a healthy tan?  
*Prof. J. Lambert (Rijksuniversiteit Gent, BE)*

11.00 – 11.15 *Coffee break*

11.15 – 12.15 Human exposure to sunlight and its impact on vitamin D synthesis in skin.  
*Dr. B. Diffey (University of Newcastle, UK)*

12.15 – 13.45 *Lunch*

13.45 – 14.45 A hierarchy of sun protection.  
*Dr. B. Diffey (University of Newcastle, UK)*

14.45 – 15.00 *Coffee break*

15.00 – 16.00 Overview of new UV-filters.  
*Ing. U. Osterwalder (BASF, Ludwigshafen, DE)*

16.00 – 16.15 *Coffee break*

16.15 – 17.15 Actinic and chronobiological aging.  
*Prof. D. Roseeuw (Universitair Ziekenhuis Brussel, BE)*

## WEDNESDAY 14 SEPTEMBER 2011

### Session 4 : Legislative aspects of dermato-cosmetic products

- 09.00 – 10.30 Actual EU-legislation on cosmetics and Recast.  
*Dr. G. Renner (Colipa, BE)*
- 10.30 – 10.45 *Coffee break*
- 10.45 – 11.45 The New Regulatory Framework for Cosmetic Product Claims.  
*Dr. I. Martin (Estée Lauder, FR)*
- 11.45 – 12.00 *Coffee break*
- 12.00 – 13.00 Colipa's Practical Guidance on Methodology for Cosmetic Claim Substantiation.  
*NN (Colipa, BE)*
- 13.00 – 14.00 *Lunch*
- Afternoon** Guided visit to Mechelen with get-together and dinner.

## THURSDAY 15 SEPTEMBER 2011

### Session 5 : Safety of dermato-cosmetic products

- 09.00 – 10.00 Side effects of cosmetics  
*Dr. A. Goossens (UZ Leuven, BE)*
- 10.00 – 10.15 *Coffee break*
- 10.15 – 11.15 Safety testing of cosmetics in the cosmetic industry today.  
*Dr. E. Dufour (L'Oréal, Clichy, FR)*
- 11.15 – 11.30 *Coffee break*
- 11.30 – 12.30 Testing of cosmetics without experimental animals.  
*Prof. V. Rogiers (Vrije Universiteit Brussel, BE)*
- 12.30 – 14.00 *Lunch*

### Session 6 : Efficacy testing of cosmetics

- 14.00 – 15.00 Microrelief and wrinkle measurements.  
*Dr. U. Koop (Beiersdorf, Hamburg, DE)*
- 15.00– 15.15 *Coffee break*
- 15.15- 16.15 Skin hydration and TEWL measurements in efficacy testing of cosmetics.  
*Prof. V. Rogiers (Vrije Universiteit Brussel, BE)*

## FRIDAY 16 SEPTEMBER 2011

### Session 6 : Efficacy testing of cosmetics (continued)

- 09.00 - 09.45 Sensitive skin, tests available and objectivation by functional Magnetic Resonance Imaging (MRI).  
*Dr. B. Querleux (L'Oréal, Aulnay Sous Bois, FR)*
- 09.45 - 10.30 Skin-target and source of photons - NIR-RS and ICL-S.  
*Dr. M. Rohr (Institut Dr. Schrader, Holzminden, DE)*
- 10.30 – 11.00 *Coffee break*
- 11.00- 11.45 Measurement of cosmetic cellulitis.  
*Prof. A. Barel (Vrije Universiteit Brussel, BE)*
- 11.45 - 12.30 Applicability of *in vivo* confocal Raman spectroscopy in efficacy measurements of dermato-cosmetics.  
*Dr. J. de Sterke (River Diagnostics BV, Rotterdam, NL)*
- 12.30 – 14.00 *Lunch*
- 14.00 – 15.00 Course Exam
- 15.30 Closure of the course

## DATE AND LOCATION

The Intensive Course in Dermato-Cosmetic Sciences will be held from Monday 12 September to Friday 16 September 2011 at the Vrije Universiteit Brussel, Medical Campus Jette, Laarbeeklaan 103, 1090 Brussels, Belgium.

## LANGUAGE

The official language of the course is English.  
No simultaneous translation will be provided.

## COURSE NOTES

Complete course notes will be available for all the participants.

## TRANSPORT

Brussels is easily reachable by air, train or car. A map indicating the localisation of the hotel and the university will be sent to all registered participants.

## ACCOMMODATION

Single rooms have been reserved in the **Atlas hotel\*\*\*** (Rue du Vieux Marché aux Grains 30, 1000 Brussels) at preferred rates of 110€/SGL/night from Monday to Thursday night and of 75€/SGL/night from Friday to Sunday night (Buffet breakfast, taxes & service charges all included).

Hotel reservations should be made **directly** through the hotel by sending the hotel reservation form.

More information on the hotel can be obtained through the website : <http://www.atlas.be>.

**A free shuttle bus service will operate between the ATLAS hotel and the university.**

## COURSE FEE

The course fee, payable in advance, covers all lessons, examination costs, course notes, welcome reception, coffee breaks, daily shuttle bus between the ATLAS hotel and the university and the guided excursion in Mechelen on Wednesday 14 September 2011 with get-together and dinner. Lunches are served at the university and are also included in the course fee.

## SOCIAL PROGRAMME

Sunday 11 Sept. 2011 : welcome reception.

Wednesday 14 Sept. 2011 : guided visit to Mechelen, get-together and course dinner.

The social programme is kindly offered by SA Beiersdorf NV, Belgium.

## REGISTRATION

The registration form must be sent in before August 27, 2011.

Please note that the number of participants is limited to 55. In view of the high number of participants in the dermato-cosmetic courses organised during the last years, it is highly advisable to **send in your registration form as soon as possible**. Registration will be carried out on a **first come first served** basis.

## CANCELLATION (\*)

Registered participants who cannot attend the course may apply for a refund of the registration fee. A substitute delegate is, of course, welcome. Notification is made via e-mail or fax, the participant is entitled to a refund, minus a service fee, according to the following guidelines:

- 14 to 11 business days before starting date of the course - 25 % of the total amount
- 10 to 6 business days before starting date of the course - 50 % of the total amount

Regrettably, no refunds will be made if notification is made less than 5 business days prior to the course, unless a substitute delegate is able to attend.

Cancellation must be received in writing by email or fax.

## CORRESPONDENCE

Vrije Universiteit Brussel, Dept. Toxicology

c/o Mrs. Manon Vivier

Laarbeeklaan 103

B - 1090 Brussels, Belgium

Tel. : +32/2.477.45.07 Fax : +32/2.477.45.82

Email : [Manon.Vivier@vub.ac.be](mailto:Manon.Vivier@vub.ac.be)

<http://dercoscourse.vub.ac.be>

**INTENSIVE COURSE IN DERMATO-COSMETIC SCIENCES  
BRUSSELS (BELGIUM), SEPTEMBER 12-16, 2011**

**REGISTRATION FORM**

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This form should be returned by mail or fax **before 27 August 2011** to

Vrije Universiteit Brussel, Dept. Toxicology, c/o Mrs. M. Vivier  
Laarbeeklaan 103, B-1090 Brussels (Belgium)

Phone : +32/2.477.45.07, Fax : +32/2.477.45.82

email : Manon.Vivier@vub.ac.be                      <http://dercoscourse.vub.ac.be>

**Please type or write in capital letters :**

Mr.       Mrs.       Miss

Title :  Prof.  Dr.  Ir.  other : .....

Family Name : .....

First Name : .....

Company : .....

Purchase Order Nr. (if applicable) : .....

Department : .....

Street : .....

Postal code : ..... City : .....

Country : .....

Phone : .....

Fax : .....

Email : .....

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I register for the INTENSIVE COURSE for **1.790 €\***.

**The registration fee will be paid as soon as I receive the invoice from the financial department of the VUB.**

**Date :** ..... **Signature :** .....



HOTEL BRUSSELS

Rue du Vieux Marché aux Grains, 30 ▪ B-1000 Brussels

Phone : +32.2.502.60.06 ▪ Fax : +32.2.502.69.35 ▪ E-mail : info@atlas.be ▪ Web : www.atlas.be

FACSIMILE

Attn : Reservations - Atlas Hotel Brussels

Fax Nr of ATLAS HOTEL : + 32 2 502 69 35

From : .....

Date : ...../...../2011

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**ATLAS HOTEL BOOKING FORM**  
**Intensive Course in Dermato-Cosmetic Sciences 2011**  
**12<sup>th</sup> to 16<sup>th</sup> of September 2011**  
**Vrije Universiteit Brussel**

Dear Atlas Hotel Reservations Department,

I would like to submit my following reservation request and receive your confirmation back by email fax.

**Guest Name** : Mr / Mrs .....

**Arrival Date** : ..... September'11    **Departure Date** : ..... September'11    **Nr of nights** : .....

**Nr of room and type** : ..... SINGLE / DOUBLE / TWIN (delete whichever does not apply)

at the Preferred Rate of 110 €/SGL/night or 125 €/DBL/TWN/night from Monday to Thursday night and the Preferred Rate of 75 €/SGL/night or 85 €/DBL/TWN/night from Friday to Sunday night Buffet breakfast, all taxes & service charges all included.

**Guest's email address** : .....@.....

**Guest's phone or mobile phone number** : +.....

**Guest's address** : .....

.....

**Credit card number\***: .....    **Exp date**: ..... / .....

*\*the credit card details guarantee the booking*

Please confirm this reservation by email (info@atlas.be) or fax (+32.2.502.69.35) before : **27<sup>th</sup> of August 2011**

Cancellation policy: at least 2 days before arrival date by written (fax or mail) to avoid the charge of the total stay.

The hotel is then entitled to charge on my credit card (in case of late cancellation or no-show).

Signature for agreement : .....