

FINAL PROGRAM

26th Congress of the International Federation of Societies of Cosmetic Chemists

September 20-23, 2010. Buenos Aires, Argentina

INNOVATION & RESPONSIBILITY: COSMETICS FOREVER







IFSCE 2010 26th IFSCE Congress - ORGANIZING COMMITTEE

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(IFSCC PRAESIDIUM 2009-2010

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MESSAGES

IFSCC

Gavin Greenoak President, IFSCC 2009-10

WELCOME to the 26th IFSCC Congress in Buenos Aires

As President of the IFSCC I would like to heartily welcome you all to this IFSCC Congress event in this vibrant city of Buenos Aires. This is the first event past the IFSCC's 50th year milestone, and it seems to me entirely fitting that it should happen on this burgeoning continent full of new ideas and energy for its future, and its significant place in the global community of cosmetic science. I would like to welcome all those delegates who have come from far away places and those for whom this might be the first event of its kind. The IFSCC enjoys a membership of societies from over forty countries and sponsors this Congress event every other year for us to meet, greet, and exchange our ideas. Some of you will know what it takes to organize an event of this stature and scope, and I would like to thank in advance the commitment and energy of all those who have made this Congress the success we all know it is going to be. I would also like to take this opportunity of welcoming your incoming President, Dr Alberto Martin whose wise head will take us on into another exciting year for the IFSCC with the next Conference event in Bangkok, Thailand. Thank you all for coming, and I wish you all a thoroughly worthwhile and enjoyable Congress.

26th IFSCC CONGRESS



Dr. César Fernández Tudela

The Argentine Association of Cosmetic Chemists (AAQC) welcomes all the participants to the 26^{th} IFSCC Congress.

Everything is ready to begin with the key-note conferences, which have a high scientific level and cover issues of an utmost actuality. Also the podium presentations and those who, with grief, had to be relegated to posters due to the limitations of time, have been selected with stringent supervision by an international and multi-disciplinary committee of experts.

We have also prepared a pre-Congress course on Photobiology, allowing those who chose to follow it a possibility to update their knowledge on the matter

We are sure that the 26^{th} IFSCC Congress constitutes a unique opportunity for our scientific and professional community to keep close to the frontiers of cosmetic developments.



Alberto M. Martin Ph. D.²

Furthermore, beyond Science and Technology, you will have the opportunity to enjoy an attractive social and cultural program. Its aim is not only to allow a parenthesis between the several scientific sessions, but also to promote and establish personal contacts between colleagues from all over the world, enrich the interchange of different ideas, and also let you know the richness of argentine culture and food.

Our country, and the host city of Buenos Aires are commemorating in 2010 two hundred years of independent life. Several works have been done to show an specially glamorous and attractive appearance of our city. Enjoy it!

The AAQC and the IFSCC have organized this Congress employing their best skills to show the great advancement of Cosmetic Science all over the world, which should be long-lasting under the motto of "Innovation and Responsibility"

We are anxious to welcome you friendly

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¹ President Argentine Association of Cosmetic Chemists

² President on behalf the Organizing Committee of the 26th IFSCC Congress and the AAQC and Vice President of the IFSCC





Estamos creciendo

Ahora ampliamos nuestra línea de productos e incorporamos nuevas opciones para ofrecerle un servicio mucho más completo.















Daltosur brinda soluciones innovadoras en materia de Cosmética, Cuidado del Hogar y de la Salud. Ofrece atención altamente capacitada para cubrir los requerimientos y necesidades de su empresa, convirtiéndose de esta manera en un estratégico socio comercial.

PROGRAM OVERVIEW

DATE & TIME		PROGRAM	
Saturday, September 18	09:00 to 17:00	IFSCC Committee Meeting	Parana & Ceibo
Sunday, September 19	09:00 to 13:00	IFSCC Praesidium Meeting	Rio de la Plata
Monday, September 20	09:00 to 16:00	Pre Congress Workshop	Poncho
	14:00 to 18:00	Registration Opening	San Telmo
	14:30 to 16:00	IFSCC Council Meeting	Golden Horn
	17:00 to 19:00	Opening Ceremony	Libertador
		Key Lecture 1 and Cultural Show	
	19:00 to 21:30	Welcome Reception	San Isidro
Tuesday, September 21	08:00 to 18:00	Registration	San Telmo
	09:00 to 09:45	Keynote Lecture 2	Libertador
	10:00 to 10:50	Oral Session	Libertador AB (A-1) & C (B-1)
	10:50 to 11:50	Poster Session C-01-04	San Telmo
	11:50 to 13:05	Oral Session	Libertador AB (A-2) & C (B-2)
	13:05 to 14:30	Working Lunch	San Isidro
	14:30 to 15:45	Oral Sessions	Libertador AB (A-3) & C (B-3)
	15:45 to 16:45	Poster Session C-05-07	San Telmo
	16:45 to 18:00	Oral Sessions	Libertador AB (A-4) & C (B-4)
	09:00 to 18:00	Exhibition	1 st Floor
	20:00 to 24:00	Dinner & Tango Show	Señor Tango
Wednesday, September 22	2 08:30 to 18:00	Registration	San Telmo
	09:00 to 09:45	Keynote Lecture 3	Libertador
	10:00 to 10:50	Oral Session	Libertador AB (A-5) & C (B-5)
	10:50 to 11:50	Poster Session C-08-11	San Telmo
	11:50 to 13:05	Oral Session	Libertador AB (A-6) & C (B-6)
	13:05 to 14:30	Working Lunch	San Isidro
	14:30 to 15:45	Oral Sessions	Libertador AB (A-7) & C (B-7)
	15:45 to 16:45	Poster Session C-12-15	San Telmo
	16:45 to 18:00	Oral Sessions	Libertador AB (A-8) & C (B-8)
	09:00 to 18:00	Exhibition	1 st Floor
Thursday, September 23		Registration	San Telmo
	09:00 to 09:45	Keynote Lecture 4	Libertador
	10:00 to 10:50	Oral Session	Libertador AB (A-9) & C (B-9)
	10:50 to 11:50	Poster Session C-16-18	San Telmo
	11:50 to 13:05	Oral Session	Libertador AB (A-10) & C (B-10)
	13:05 to 14:30	Working Lunch	San Isidro
	14:30 to 15:45	Oral Sessions	Libertador AB (A-11) & C (B-11)
	15:45 to 16:45	Poster Session C-19-25	San Telmo
	16:45 to 18:00	Oral Sessions	Libertador AB (A-12) & C (B-12)
	09:00 to 18:00	Exhibition	1 st Floor
	20:00 to 24:00	Gala Dinner & Awards Ceremony	Hilton Hotel

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Iquisa es un laboratorio dedicado al desarrollo y elaboración de productos cosméticos para terceros, acompaña a empresas argentinas y del exterior desde hace más de 60 años, ofreciéndoles un servicio integral y apoyándolos en cada etapa del desarrollo de su marca.

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SOCIAL EVENTS

OPENING CEREMONY & WELCOME RECEPTION

MONDAY SEPTEMBER 20 - 17:00 - 21:30

Place: Buenos Aires Sheraton Hotel & Convention Center

Included in the registration fee. **Dress code:** business attire.

17:00 → Libertador Room

OPENING SESSION Opening Addresses and Opening Ceremony

17:30 → KEYNOTE LECTURE

Robert Y. Lochhead (USA)

18: 15 → CULTURAL SHOW

"Argentine National Folk Dance Ballet"

Our folklore, our traditional music provides us uncountable possibilities of examples that in one way or the other identify us. It's the Argentinean gaucho's figure, inside of this framing maybe the one who can represent by himself the image of our cultural tradition. Dancers present a copious and attractive succession of dances from diverse regions of the country permitting in an anthological way to conceive an idea of its diversity and beauty. A sonorous and rhythmical panorama of poetic, sentimental or cheerful songs always overflowing of rustic freshness and essential lustiness ceremonious and aristocratic dances break into a vigorous avalanche of contagious uproar always expressing the heroic spirit and vibratory soul of Argentine people through its rich and colorful folklore.

19.00 → San Isidro Room WELCOME RECEPTION







DINNER & TANGO SHOW

TUESDAY, SEPTEMBER 21 - 20:00 - 24:00

Place: Señor Tango - Vieytes 1655 Included in the FULL registration fee.

Dress code: smart casual.

Important: Invitation cards are strictly required. Access will only be permitted with the invitation card. No exceptions.

We expect your participation in our Tango Show where we will show out Tango at its best.

Tango is the music of Buenos Aires, which was born at the end of the XIX / beginning of the XX century. In its beginning, it involved a combination of flutes, violin

and guitars. Later on, the flute was replaced by the "bandoneon" (a large concertina) and the nostalgia and melancholy of the immigrants became part of the Tango lyrics.

The show enables to enjoy with five senses a great display of light, color and sound with state-of-the-art technology offering the most dazzling tango show in history. Señor Tango offers typical and international gastronomy Transportation is included. Buses will leave from the Sheraton Hotel (L. Alem Av. 1193) at 19.40 h and return at 24.00 h with stops at Pestana Hotel, Crillon Hotel and Sheraton Hotel.







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SOCIAL EVENTS

GALA BANQUET AND AWARDS CEREMONY

THURSDAY, SEPTEMBER 23 - 20:00

Place: Buenos Aires Hilton Hotel - Macacha Güemes

351, Puerto Madero

Included in the FULL registration fee.

Dress code: formal attire

Important: Invitation cards are strictly required. Access will only be permitted with the invitation card. No exceptions.

The highlight of the Social Program will be the Gala Banquet which promises to be a unique event. Full course meal and drinks will be served as well as fine entertainment. It will includes a show of the well known guitarist "Esteban Morgado" and his group. The party will continue with the IFSCC awards presentation followed by the IFSCC tradition, Dance Party.

PROGRAM:

- → Opening Remarks
- → Esteban Morgado Show
- → IFSCC Award presentation
- → IFSCC 2012 presentation
- → Toast
- → Dance Party

Transportation is included. Buses will leave from the Sheraton Hotel (L. Alem Av. 1193) at 19.30 h and return from 24:00 on with stops at Sheraton Hotel, Pestana Hotel and Crillon Hotel.





GREEN CHEMICAL SOLUTION: APOSTÁ A LO "VERDE"

El concepto Green Chemical Solution de Cognis te muestra cuán verde pueden ser tus productos.

Con nuestro Green Chemical Solution ™, hemos creado un sistema transparente de clasificación para nuestros ingredientes de Personal Care, Home Care e Industrial & Institucional. Ahora hemos dado un paso adelante y podemos mostrar a través de nuestro Green Formulation Grid, cuán natural puede ser una fórmula y que performance posee. Más y más clientes prefirem productos "verdes", sin que ello comprometa su eficiencia. Para nosotros, las fuentes naturales de abastecimiento son la clave del éxito. Con más de 160 años de experiencia en materias primas renovables y naturales, estamos capacitados para ofrecer a nuestros clientes una guía única para alinear, de manera efectiva y exitosa, sus productos a las tendencias de mercado y a los deseos de los consumidores: Nuestro Green Chemical Solution.

¿Querés hacer una marca? Entonces usá nuestro Green Chemical Solution, Habla con nosotros





ACCOMPANYING PERSONS PROGRAM

OPENING CEREMONY & WELCOME RECEPTION

MONDAY SEPTEMBER 20 - 17:00 - 21:30

Place: Sheraton Hotel & Convention Center (venue)

Included in the registration fee. Dress code: business attire.

17:00 →

Libertador Room OPENING SESSION Opening Addresses and Opening Ceremony

17:30 → **KEYNOTE LECTURE**

Robert Y. Lochhead (USA)

18: **15** → **CULTURAL SHOW**

"Argentine National Folk Dance Ballet"

Our folklore, our traditional music provides us uncountable possibilities of examples that in one way or the other identify us. It's the Argentinean gaucho's figure, inside of this framing maybe the one who can represent by himself the image of our cultural tradition. Dancers present a copious and attractive succession of dances from diverse regions of the country permitting in an anthological way to conceive an idea of its diversity and beauty. A sonorous and rhythmical panorama of poetic, sentimental or cheerful songs always overflowing of rustic freshness and essential lustiness ceremonious and aristocratic dances break into a vigorous avalanche of contagious uproar always expressing the heroic spirit and vibratory soul of Argentine people through its rich and colorful folklore.

19.00 →

San Isidro Room WELCOME RECEPTION

BUENOS AIRES CITY TOUR

TUESDAY, SEPTEMBER 21 - 14:30

Meeting point: 14:10 at the entrance of the Convention

Center (L.N. Alem 1193)

You should register before Monday, September 20 at 18.00 h at the Hotel & Travel Desk (San Telmo Foyer -Ground Floor).







DINNER & TANGO SHOW

TUESDAY, SEPTEMBER 21 - 20:00 - 24:00

Place: Señor Tango - Vieytes 1655

Dress code: smart casual

Important: Invitation cards are strictly required. Access will only be permitted with the invitation card. No exceptions. We expect your participation in our Tango Show where we will show out Tango at its best.

Tango is the music of Buenos Aires, which was born at the end of the XIX / beginning of the XX century. Transportation is included. Buses will leave from the Sheraton Hotel (L. Alem Av. 1193) at 19.40 h and return at 24.00 h with stops at Pestana Hotel, Crillon Hotel and Sheraton Hotel.

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ACCOMPANYING PERSONS PROGRAM

TIGRE

WEDNESDAY, SEPTEMBER 22 - 13:00

Meeting point: 12:40 h at the entrance of the Convention Center (L.N. Alem 1193)

You should register before Tuesday, September 21 at $16.00\ h$ at the Hotel & Travel Desk (San Telmo Foyer - Ground Floor)

Departure from the Sheraton Hotel to Olivos in the Northern suburbs of Buenos Aires to board the "Tren de la Costa" (Train of the Coast). The train runs through

the residential neighbourhoods of Martínez, Acassusso and San Isidro up to Tigre. Departure from Tigre on a motor-boat to navigate through the rivers and streams of the Delta of the River Paraná and afterwards along the coast of the Río de la Plata (River Plate) to reach the port of Buenos Aires. On the way you can see the residences on the coastal line, the University City and the River Plate Soccer Stadium. Transfer from the port to the Sheraton Hotel.







PUERTO MADERO & FORTABAT ART COLLECTION

THURSDAY, SEPTEMBER 23 - 10:30

Meeting point: 10:10 h at the entrance of the Convention Center (L.N. Alem 1193)

You should register before **Wednesday, September 22 at 15.00 h** at the Hotel & Travel Desk (San Telmo Foyer - Ground Floor).

The collection originated as an initiative of Mrs. Amalia Lacroze de Fortabat, whose interest in art and culture led her, over the years, to bring together a significant number of artworks from different eras by national and international authors.

The "Colección de Arte Amalia Lacroze de Fortabat" opens its doors to the general public in the month of October 2008, with the aim of sharing a selection of over

two hundred particularly relevant artworks and objects with the community at large.

The building that houses the "Colección de Arte Amalia Lacroze de Fortabat" was especially designed by the Rafael Viñoly Arquitects PC studio, with headquarters in New York. The museum, constructed on Dique 4 (Lock 4) in Puerto Madero, the city of Buenos Aires youngest neighborhood, will undoubtedly become one of this part of the city's primary cultural attractions due to its strategic location. Its exhibition spaces and public, private and service areas are distributed on six rectangular floors, and the entire complex is oriented parallel to the Dique. The typology of the new building fits right into the character and scale of this new neighborhood.





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ACCOMPANYING PERSONS PROGRAM

GALA BANQUET AND AWARDS CEREMONY

THURSDAY, SEPTEMBER 23 - 20:00

Place: Buenos Aires Hilton Hotel - Macacha Güemes

351, Puerto Madero

Included in the FULL registration fee.

Dress code: formal attire

Important: Invitation cards are strictly required. Access will only be permitted with the invitation card. No exceptions. The highlight of the Social Program will be the Gala Banquet which promises to be a unique event. Full

course meal and drinks will be served as well as fine entertainment. It will includes a show of the well known guitarist "Esteban Morgado" and his group. The party will continue with the IFSCC awards presentation followed by the IFSCC tradition, Dance Party.

Transportation is included. Buses will leave from the Sheraton Hotel (L. Alem Av. 1193) at 19:30 and return from 24:00 on with stops at Sheraton Hotel, Pestana Hotel and Crillon Hotel.

LEARN HOW TO DANCE TANGO

THURSDAY, SEPTEMBER 23 - 20.00 h

The Congress offers all registered accompanying persons a free opportunity to learn how to dance tango. One class per person.

Check date and time at the General Secretariat.

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CONGRESS INFORMATION (A-Z)

AWARDS

The following awards will be given during the Congress and the winner will be announced in the Gala Dinner that will take place on Thursday, September 23.

- → IFSCC BASIC RESEARCH AWARD
- → IFSCC APPLIED RESEARCH AWARD
- → IFSCC POSTER AWARD
- → CAPA AWARD, CÁMARA ARGENTINA DE LA INDUSTRIA DE COSMÉTICA Y PERFUMERÍA
- → AAQC / fabriQUIMICA AWARD

BADGES

Each participant will receive a name badge upon checkin at the Registration Desk. The badge will be the official meeting document and should be worn at all times in order to gain entry to the meeting rooms. Please note that access to any of the Congress areas will not be possible without an official badge.

Badges are color-coded as follows:

- (Red) → Delegate
- (Blue) → Praesidium
- (Black) → Exhibitor
- (Green) → Organizing Committee
- (Orange) → Accompanying Person
- (Yellow) → Student

CERTIFICATE OF ATTENDANCE:

Registrants who require a Certificate of Attendance (diploma) should go to the Registration Area, as from Wednesday 22. Certificates can be collected only from that day and on site.

COAT/PACKAGE CHECK:

A Coat/Package Check is located right beside the elevators of the First Floor and will be open throughout the Congress. The organizers will not assume any responsibility for and damages, loss or theft suffered by items left in the cloakroom.

DISCLALIMER:

The AAQC and Ana Juan Congress cannot accept liability for injuries or losses of whatever nature incurred by participants and/or accompanying personas and/or exhibitors, nor for loss or damage to their luggage and/or personal belongings. Delegates participate in all tours and events at their own risk. Participants were advised to take out insurance against lost, accidents or damage that could incur during the Congress.

EXHIBITION:

The IFSCC Congress 2010 includes a commercial exhibition that is located in the first floor (Retiro Room, Catalinas Room and foyers) and will be open at the

following times: Tueday, Wednesday and Thursday from 9.00 to 18.00 h.

Admintance to the technical exhibit hall is limited to registered participants and registered visitors. Please check the program to see the complete list of exhibiting companies and their booth location.

INTERNET CENTER:

An internet center will be available in the Catalinas Room (1st floor), where registrants will be able to access the internet free of charge. These computers are available for participants on a first come, first served basis. Please be considerate and do not monopolize the equipment. It is intended for use by all participants.

Opening hours: Tueday, Wednesday and Thursday from 9.00 to 18.00 h.

MOBILE PHONES:

Use of mobile phones is strictly prohibited within the scientific session rooms. Please ensure you have your mobile phone switched off when attending the sessions.

LUNCHES:

Lunches are included in the "full registration" and will be served at the San Isidro Room, lower level (Tuesday, Wednesday and Thursday at 13:15 h). Access will only be permitted with the corresponding coupon. No exceptions.

OFFICIAL TRAVEL AGENCY:

Ana Juan Congresos y Turismo has a desk at the venue, close to the registration area. The staff of this desk will help you with all issues related to hotel accommodation, accompanying persons program, transfers and tours. Ana Juan Congresos & Turismo

Malasia 884 - C1426BNB Buenos Aires - Argentina.

Phone: +54 11 4777 9449 Ext. 118

Fax: +54 11 4777 2880 Logo AJC & Turismo?

PHOTOGRAPHING:

Kindly respect that taking photos in the session rooms is strictly forbidden. An official photographer is hired for the entire event. If you need help with photographing please contact the official photographer at his desk located in the foyers (1st floor).

REGISTRATION:

The Registration Desk will be located in the San Telmo Room (ground floor) and will be operating within the following timetable:

Monday, September $20 \rightarrow 14.30$ to 18.00 Tuesday, September $21 \rightarrow 8.00$ to 18.00 Wednesday, September $22 \rightarrow 8.30$ to 18.00

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Thursday, September 23 → 8.30 to 18.00 The registration includes:

	# Full Registration	## Technical Registration	Acompanying person	*Only Day Sessions	Student
Scientific Sessions	✓	✓		✓	✓
Poster Sessions	✓	√		√	√
Participants bag	✓	√			
Exhibition	✓	√		\checkmark	\checkmark
Opening Ceremony	✓	√	✓		
Welcome Reception	✓	√	√		
Tango Show	✓		√		
Gala Dinner	✓		√		
Lunch	√				
City, Tigre & Art Collection Tours			✓		

SIMULTANEOUS TRANSLATION:

All lectures will be delivered in English. All sessions are provided with simultaneous translation English-Spanish. Headphones and receivers for speakers and delegates will be handed over and collected at the entrance of the meeting room. Please, remember to return the translation equipment after the oral sessions •

SMOKING POLICY:

This is a non-smoking event. Smoking is not allowed in meeting rooms, exhibition, poster area, restrooms and halls. Please help keep the conference premises a non-smoking environment.

SPEAKERS PRE-VIEW ROOM:

Located in Catalinas Room (1st Floor). Speakers can check in, drop off their PowerPoint presentations. To avoid delays caused by switching computers at the

platform booting up computers and potential compatibility problems, the Organizing Committee has made available to speakers the standard AV system for computer projection. To ensure smooth transition between speakers and appropriate audiovisual technical support, it is required that speakers do not plan on connecting their laptop to the LCD projection, nor even bring their laptops.

Every speaker has to go to the Pre-View Room beforehand to bring his PowerPoint® presentation, at least three hours before the beginning of the session. Speakers making their presentation in the early morning sessions should ensure that they have checked in during the previous day.

Opening hours:

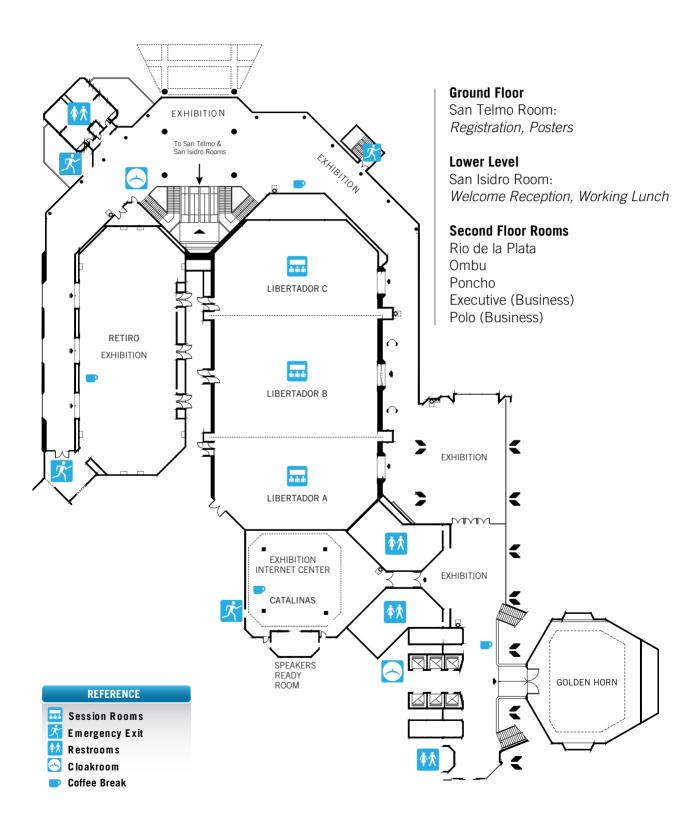
Monday, September $20 \rightarrow 15.30$ to 17.30 Tuesday, September $21 \rightarrow 8.00$ to 18.00 Wednesday, September $22 \rightarrow 8.00$ to 18.00 Thursday, September $23 \rightarrow 8.00$ to 16.00

LOCATION OF MEETING ROOMS AND CONGRESS FACILITIES AT THE VENUE.

Coat/package check	Elevators area	1 st Floor
Coffee Area	Exhibition Area	1 st Floor
Congress Secretariat	San Telmo Room	Ground Floor
Exhibition	Retiro, Catalinas Rooms and foyers 1st Floor	
Information Desk	Entrance Alem Ave	Ground Floor
Internet Center	Catalinas Room	1 st Floor
Hospitality Suites	Rooms: Ombu, Poncho, Executive	2 nd Floor
Lunches	San Isidro Room	Lower Level
Poster Area	San Telmo Room	Ground Floor
Registration Area	San Telmo Room	Ground Floor
Scientific Secretariat	San Telmo Room	Ground Floor
Session Rooms	Libertador Room	1 st Floor
Speakers Pre-View Room	Catalinas Room	1 st Floor
Travel Agency Desk	Foyer San Telmo Room	Ground Floor

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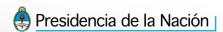
SHERATON HOTEL & CONVENTION CENTER FIRST FLOOR



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INTERESTS

The 26th IFSCC Congress has been declared of National Interest by the Argentine Presidence (Resol. 469/2009)



The 26th IFSCC Congress has been declared of Interest by the Government of Buenos Aires city (Dec. 145/2010)









AUSPICES

Universidad de Buenos Aires

Facultad de Ciencias Exactas y Naturales - UBA

Facultad de Farmacia y Bioquímica - UBA

Facultad de Ingeniería - UBA

Academia Nacional de Farmacia y Bioquímica

Administración Nacional de Medicamentos, Alimentos y Tecnología Médica (ANMAT)

Asociación Argentina de Dermatología

Asociación Argentina de Farmacia y Bioquimica Industrial (SAFYBI)

Asociación Argentina de Ingenieros Químicos

Asociación Argentina de Microbiología

Asociación Industrial Artículos de Limpieza Personal del Hogar y afines de la República Argentina (ALPHA)

Asociación Química Argentina (AQA)

Cámara Argentina de la Industria (CAPA)

Cámara Argentina del Aerosol (CADEA)

Colegio de Farmacéuticos de la Provincia de Bs. Aires

Colegio Oficial de Farmacéuticos y Bioquímicos de la Capital Federal

Consejo Profesional de Químicos

Grupo Argentino del Color

Instituto Argentino de Normalización y Certificación (IRAM)

Instituto Argentino del Envase

Sociedad Argentina de Dermatología



IFSCC 2010 FINAL PROGRAM 15_

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ORAL PRESENTATIONS

MONDAY, SEPTEMBER 20, 2010

17:00 - 19:00 → Libertador Room OPENING SESSION

17:00 OPENING ADDRESSES AND OPENING CEREMONY

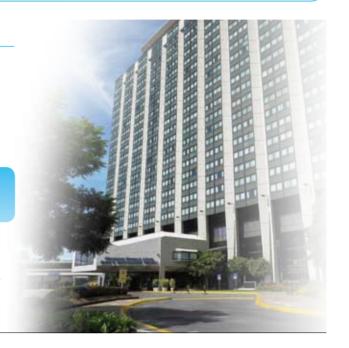
17:30 KEYNOTE LECTURE 1

"Innovative Formulation Strategies to Meet the Cosmetic Needs of an Ecologically Aware Global Community"

Robert Y. Lochhead

Director, The School of Polymers & High Performance Materials, The University of Southern Mississippi, USA

18:15 CULTURAL SHOW



TUESDAY, SEPTEMBER 21, 2010

09:00 - 09:30 → Libertador Room KEYNOTE LECTURE 2

'Nanotechnology: The Small and the Beautiful

Elizabeth Jares-Erijman

Director of Partner Group of the Max Planck Society Faculty of Exact Sciences, UBA. Argentine Research Council, CIHIDECAR, CONICET, Argentina.

10:00 - 10:50 → Libertador AB ORAL SESSION A-1

"Cosmetics - Developments in Actives Research"

10:00 - 10:25

0113 COLLAGEN IMPROVEMENT EFFECT OF FLAVONE-8-ACETIC ACID ELUCIDATED BY DNA MICROARRAY ANALYSES **S Anzali**, A von Heydebreck, R Graf, HJ Driller Merck KGaA, Frankfurter Str. 250, 64293 Darmstadt, Germany.

10:25 - 10:50

0124 THERMO-SENSITIVE BARRIER: IMPORTANCE OF TRANSIENT RECEPTOR POTENTIAL VANILLOID 4 (TRPV4) IN EPIDERMAL BARRIER FUNCTION

<u>N Kida</u>¹, T Sokabe², A Kanamaru¹, A Oba¹, S Kimura¹, M Tominaga²

¹Pola Chemical Industries, Inc., ²Division of Cell Signaling, Okazaki Institute for Integrative Bioscience, National Institutes of Natural Sciences, Japan.

10:00 - 10:50 → Libertador C ORAL SESSION B 1

"Well-Being and Beauty Cosmetics - Advances in Bioavailability Technology"

10:00 - 10:25

0271 TAPE STRIPPING - POTENTIALLY ALTERNATIVES FOR COSMETIC SCIENCE

<u>M Förster¹²³</u>, MA Bolzinger², MR Rovere⁴, E Perrussel⁴, S Braincon²

¹Gattefossé SAS, St. Priest, ²Université de Lyon 1, Lyon, ³Laboratoire de Sciences de la Terre, Lyon, ⁴Laboratoire des Substituts Cutanés, Lyon, France.

IFSCC 2010 FINAL PROGRAM 19_

10:25 - 10:50

0262 INGREDIENTS TRACKING OF A COSMETIC EMULSION IN THE SKIN: A RAMAN CONFOCAL MICROSCOPE INVESTIGATION

M Förster¹²³, MA Bolzinger², J Pelletier², S Briançon² ¹Gattefossé SAS, St. Priest, ²Université de Lyon 1, Lyon, ³Laboratoire de Sciences de la Terre, Lyon, France.

COFFEE BREAK 10:50 - 11:50

San Telmo Room

POSTER SESSIONS C-01-04

ORAL SESSION A-2

Libertador AB

11:50 - 12:15

11:50 - 13:05 →

0065 A NOVEL PRINCIPLE FOR AN INNATE IMMUNE SYSTEM IN SKIN. TOLL-LIKE RECEPTOR ACTIVATION ENHANCES TIGHT JUNCTION FUNCTIONS IN CULTURED KERATINOCYTES T Yuki, H Yoshida, Y Akazawa, Y Sugiyama, S Inoue Kanebo Cosmetics Inc., Odawara, Kanagawa, Japan.

12:15 - 12:40

0056 ROS MEDIATED PHOTO-CONVERSION INTO TAURINE MAY CONTRIBUTE TO OXOTHIAZOLIDINE PHOTO-PROTECTIVE EFFECT

G Langrand¹, P Lafitte¹, F Loru², JF Nicolay¹ ¹Exsymol S.A.M., ²SEDIFA Laboratories, Monaco.

12:40 - 13:05

0276 PAPILLARY VS. RETICULAR FIBROBLASTS: FROM THE TRANSCRIPTIONAL ANALYSIS TO THE FUNCTION

D Boudier², G Habault¹, K Servaes², L Marchand², S Bordes², B Closs², F Ruggiero¹

¹Institut de Biologie et Chimie des Protéines, UMR 5086 CNRS - University Lyon 1, 2R&D Department, France.

11:50 - 13:05 → Libertador C **ORAL SESSION B-2**

"Well-Being and Beauty Cosmetics - Decorative

11:50 - 12:15

0322 CHARACTERIZATION OF DIFFERENT TYPES OF HAIR DAMAGES - STRATEGIES FOR PREVENTION AND REPAIR **U Maczkiewitz**, O Springer, S Herrwerth, P Lersch, M Farwick Evonik Goldschmidt GmbH, Germany.

12:15 - 12:40

0123 DRAMATIC SEPARATE CURL MASCARA BY CONTROLLING THE HARDENING SPEED AND HARDNESS OF A MASCARA FILM

A Miida, M Okuyama, Y Masubuchi, K Suzuki, S Kuribayashi, K Hirai

Kosé Corporation, 48 18 Sakae cho, Kita ku, Tokyo 114 0005, Japan.

12:40 - 13:05

0120 PROPOSING A NEW "EYE-CATCH" MAKEUP CONCEPT -HUMAN IMPRESSIONS ALTER BY VISUAL GUIDANCE USING

M Nomura¹, R Hikima¹, R Fukuda²

¹Kanebo Cosmetics Inc., Odawara, Kanagawa, ²Keio University, Fujisawa, Kanagawa, Japan.

13:05 - 14:30 → San Isidro Room

WORKING LUNCH (included in full registration)

14:30 - 15:45 → Libertador AB **ORAL SESSION A-3**

14:30 - 14:55

0084 THE INJECTION SYSTEM OF CHOLESTEROL AS A HAIR MOISTURIZER

M Yamashita, K Sagara, Y Konno, J Egawa Research Laboratories, KOSE Corporation, Japan.

14:55 - 15:20

0377 ULTRADEFORMABLE LIPOSOMES FOR TOPIC APPLICATION OF COSMETIC ACTIVES CAN MODULATE THEIR DESTINATION ACROSS THE STRATUM CORNEUM J Montanari. MJ Morilla. EL Romero Universidad Nacional de Quilmes, Argentina.

15:20 - 15:45

0135 NOVEL ENCAPSULATED MICROEMULSIONS FOR TOPICAL DELIVERY OF AQUAPORIN BOOSTING PEPTIDE ACTIVES JL Viladot¹, A Sempere², J Cebrián¹, A Fernández Botello¹, S Méndez¹, N Almiñana¹, S Pastor², W Van Den Nest², C Carreño², A Ferrer Montiel^{2 3}, R Delgado¹ ¹Lipotec, S.A. (Lipotec Group), ²Diverdrugs, S.L. (Lipotec Group), ³Universidad Miguel Hernández de Elche, Spain.

14:30 - 15:45 → Libertador C **ORAL SESSION B-3**

"Well-Being and Beauty Cosmetics - Neurobiology

14:30 - 14:55

0354 INFLUENCE OF TNF-ALPHA POLYMORPHISM ON NEUROSENSORY RESPONSE AND IRRITANT DERMATITIS FROM HAND HYGIENE PROCEDURES

RR Wickett¹, JA Davis¹, M Visscher², SB Hoath¹² ¹University of Cincinnati, ²Skin Sciences Institute Children's Hospital Research Foundation, USA.

20 **IFSCC 2010 FINAL PROGRAM**

14:55 - 15:20

0125 TRP CHANNELS AS TOOLS FOR THE PREDICTIVE IDENTIFICATION OF SENSORY IRRITATION BY COSMETICS **F Fujita**¹², S Iwashita¹, K Yoshikawa¹, M Nagamatsu¹, S Nakahara¹, Y Shiomi¹, Y Tsujino¹, M Tominaga² ¹Mandom Corp., ²National Institute for Physiological Sciences, Okazaki Institute for Integrative Bioscience, National Institutes of Natural Sciences, Japan.

15:20 - 15:45

0121 UVA IRRADIATION INDUCED TROPOELASTIN DEPOSITION ON SKIN ELASTIC FIBER

S Onoue¹, A Hayashi¹, R Nonaka², H Wachi²
¹Kosé Corporation, Advanced Cosmetic Research
Laboratories, 48-18 Sakae-Cho, Kita-ku, Tokyo 114
0005, ²Department of Clinical Chemistry, Hoshi University
School of Pharmacy and Pharmaceutical Sciences,
Shinagawa, Tokyo, Japan.

15:45 - 16:45

COFFEE BREAK

→ San Telmo Room

POSTER SESSIONS C-01-04

16:45 - 18:00 → Libertador AB ORAL SESSION A-4

"Cosmetics - Assessment of Cosmetic Efficacy"

16:45 - 17:10

0376 DEVELOPMENT OF "SKIN VITALITY INDEX" AND ITS APPLICATION TO EFFICACY TEST OF COSMETICS **YK Yoo**, GT Lee, KK Lee Coreana Cosmetics, SongPa R&D center, 204-1 Jeongchon-Ri Seonggeo-Eup Cheonan-Si Chungcheongnam-Do, 330-833, Korea.

0127 EGFP FLUORESCENT RECOMBINANT PROTEIN, AND CELL PENETRATING PEPTIDE-TAGGED EGFP FOR THE EVALUATION OF COSMETIC INGREDIENTS EFFICACY

<u>M Mollet</u>, J Guglielmi, M Frechet, JF Nicolay Exsymol, Monaco.

0228 DEVELOPMENT OF MAKE-UP PRODUCTS WHICH REPRODUCE THE RADIANCE FROM THE INSIDE OF SKIN **M lida**, C Asami, S Nishikawa Pola Chemical Industries, Inc, Japan.

16:45 - 18:00 → Libertador C ORAL SESSION B-4

"Well-Being and Beauty Cosmetics - Cosmetic Performance through Sensorial Appeal - Advances in Bioavailability Technology - Immune System and Cosmetics"

16:45 - 17:10

0280 CREATION OF A TOOL TO MEASURE WELL BEING IN WOMEN POPULATION AND ITS APPLICATION TO A SKINGABE PRODUCT

<u>J Martins de Almeida</u>¹, C Chrea², S Navarro², P Valette-Florence¹, D Mougin² ¹Institut d'Administration des Entreprises (IAE), Université Pierre-Mendès France, Domaine Universitaire, B.P. 47, 38040, Grenoble, ²Chanel Parfums Beauté, Neuilly sur Seine, France.

17:10 - 17:35

0384 SKIN REGENERATION EFFECTS OF 7 ORIENTAL MEDICINAL PLANT EXTRACTS AND ITS APPLICATION TO FUNCTIONAL COSMETICS

<u>SJ Park</u>, GT Lee, JN Lee, SJ Lee, KK Lee Coreana Cosmetics SongPa R&D Center, Korea.

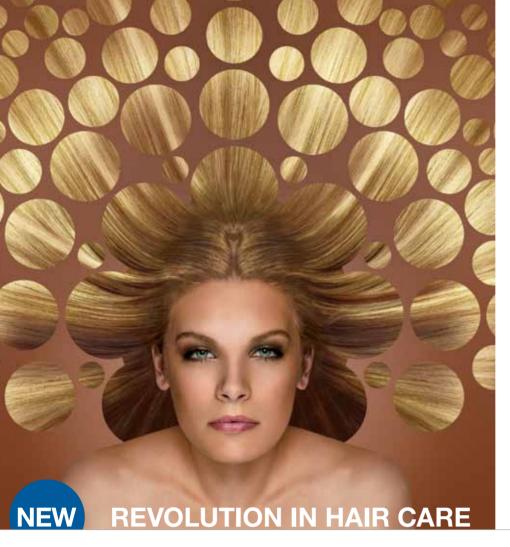
17:35 - 18:00

0291 "CORTICOID-LIKE" EFFECT OF A BRAZILIAN ORGANIC ACTIVE EXTRACTED BY SUPERCRITICAL CARBON DIOXIDE (CO2) AND ITS APPLICATION IN SENSITIVE SKIN: AN IN VITRO AND IN VIVO COMPARATIVE STUDY

GC Dieamant¹, MCV Pereda¹, S Eberlin¹, G Facchini¹, MA Poleze¹, L Mussi¹, JES Silveira², C Nogueira¹, IMN Salgado-Santos², LC Di-Stasi³, PTV Rosa⁴ ¹Chemyunion Química Ltda., ²Instituto de Bioengenharia da Pele (IBP), ³São Paulo State University (UNESP), ⁴State University of Campinas (UNICAMP), Brazil.

NOTES

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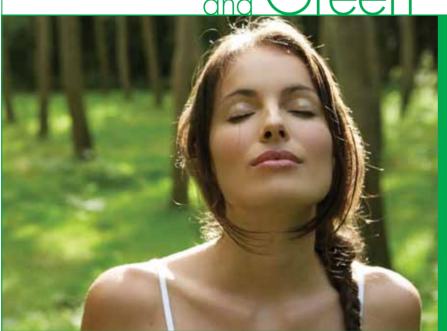
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WEDNESDAY, SEPTEMBER 22, 2010

09:00 - 09:30 → Libertador Room KEYNOTE LECTURE 3

'Anti-Aging Skin Care for Cutaneous Photo-Aging'

Satoshi Amano

Manager Senior Research Scientist Cutaneous Biology Research Group Skincare Product Research & Development Center Shiseido Research Center, Japan.

10:00 - 10:50 → Libertador AB ORAL SESSION A-5

"Protective Strategies - Care of Hair, Nails and Skin"

10:00 - 10:25

0356 INVESTIGATION OF THERMAL DAMAGE OF HAIR FROM HOT FLAT IRONING AND THE THERMAL PROTECTIVE EFFECTS OF COSMETIC PRETREATMENTS

Y Zhou¹, R Rigoletto¹, D Koelmel¹, L Senak¹, D Moore¹, L Foltis¹, X Qu², C Sun², D Zhu²

1 International Specialty Products, USA. 2 ISP Shanghai Global R&D, China.

10:25 - 10:50

0387 THE ROLE OF MACROPHAGE MIGRATION INHIBITORY FACTOR IN INFLAMMATORY PIGMENTATION

<u>A Enomoto</u>, N Ozawa, S Matsukuma Fancl Corporation, 12-13 Kamishinano, Totsuka-ku, Yokohama, Kanagawa, 244-0806, Japan.

10:00 - 10:50 → Libertador C ORAL SESSION B-5

"Society and Cosmetics - Consumer Health: Prevention, Care and Safety - Animal Testing Alternatives"

10:00 - 10:25

0374 ADVANCED BIOPHYSICAL TECHNIQUES TO CHARACTERIZE SUN DAMAGED HUMAN SKIN

I Sadia

Product Investigations, Inc., USA.

10:25 - 10:50

0148 A NEW IN VITRO METHOD FOR IDENTIFYING SKIN SENSITIZERS AND PREDICTING LLNA EC3 VALUES **JM McKim**, BD Jeffy, ME Steffey, HN Wagner CeeTox, Inc., USA.

10:50 - 11:50

COFFEE BREAK

San Telmo Room

POSTER SESSIONS C-08-11

11:50 - 13:05 → Libertador AB ORAL SESSION A-6

"Protective Strategies - Care of Hair, Nails and Skin - Sunscreens and Sun Blockers"

11.50 - 12.15

0184 STRUCTURAL HETEROGENEITY OF DRY SKIN M Misra, D Drutis, S Shi, J Weissman, T Hancewicz, S Zhang Unilever R&D, USA.

12:15 - 12:40

0070 CHARACTERIZATION AND REGULATORY MECHANISM OF BLEOMYCIN HIDROLASE AS A NATURAL MOISTURIZING FACTOR (NMF)-GENERATING ENZYME IN HUMAN EPIDERMIS **T Hibino**¹, Y Kamata¹³, M Yamamoto², M Egawa¹, J Nomura¹, T Iida¹, A Takeda⁴

- ¹ Shiseido Research Center, Japan. ² Department of Dermatology, Tokyo Medical University, Japan.
- ³ Department of Regulation Biochemistry, Graduate School of Medical Sciences, Kitasato University, Japan.
- ⁴ Laboratory of Biochemistry, Graduate School of Nutritional Sciences, Sagami Women's University, Japan.

12:40 - 13:05

0045 A NEW FORMULATION FOR SUNSCREEN PRODUCT BASED ON SOLID LIPID MICROPARTICLES **TJ Oh**, HJ Kim, GY Nam, MS Noh, HH Kang Amore-pacific Co. R&D Center, 314-1, Bora-dong, Giheung-gu, Yongin-si, Gyeonggi-do 449-729, Korea.

11:50 - 13:05 → Libertador C ORAL SESSION B-6

"Society and Cosmetics - Environment-friendly Cosmetics"

11:50 - 12:15

0010 WHAT IF YOU COULD GET RECOVERED GRAY HAIR WITH REAL MELANIN? - A NOVEL NATURAL COLORING SYSTEM FOR GRAY HAIR USING BIOLOGICAL MELANIN PRECURSORS-

<u>A Ebato</u>¹, H Yamanaka², Y Hata², K Koike¹
¹ Kao Corporation, Japan. ² Gekkeikan Sake Company, Japan.

12:15 - 12:40

0334 DEGRADATION OF COCAMIDOPROPYLBETAINE BY ADVANCED OXIDATION TECHNOLOGIES **A Senn**, L de la Fuente, D Kalik, M Litter Comisión Nacional de Energía Atómica, Argentina.

12:40 - 13:05

0381 VEGETAL SUGAR-BASED ESTERS AS A "GREEN-TOOL" FOR COSMETIC FORMULATIONS

MCV Pereda¹, JES Silveira², NS Camilo¹, GC Dieamant¹, C Nogueira¹, L Mussi¹, MA Polezel¹, CRD Correia³ ¹ Chemyunion Química Ltda., Brazil. ² Instituto de Bioengenharia da Pele (IBP), Brazil. ³ State University of Campinas (UNICAMP), Brazil.

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13:05 - 14:30 → San Isidro Room WORKING LUNCH (included in full registration)

14:30 - 15:45 → Libertador AB ORAL SESSION A-7

"Protective Strategies - Anti-aging Research: What is New?"

14:30 - 14:55

0119 AGE-RELATED CHANGES OF SKIN-DERIVED STEM CELLS AND APPLICATION TO ANTI-AGING

<u>T Yamada</u>¹³, S Hasegawa¹³, N Sakano⁴, H Mizutani¹, S Nakata¹, K Matsunaga³, H Akamatsu⁴

¹ Research Laboratories, Nippon Menard Cosmetic Co., Ltd., Japan. ³ Department of Dermatology, Fujita Health University School of Medicine, Japan. ⁴ Department of Applied Cell and Regenerative Medicine, Fujita Health University School of Medicine, Japan.

14:55 - 15:20

0225 INCREASING ADIPOCYTE DIFFERENTIATION AND INHIBITING LIPOLYSIS AS DUAL STRATEGY TO OVERCOME THE AGE-ASSOCIATED DECLINE OF SUBCUTANEOUS FAT **Meyer**¹, K Nehrenheim², S Grether-Beck², G Schmaus¹, T Kueper¹, O Koch¹, G Vielhaber¹, J Krutmann² Symrise GmbH & Co. KG, 37603 Holzminden, Germany. Leibniz-Institut für Umweltmedizinische Forschung (IUF) an der Heinrich-Heine Universitaet GmbH, 40225 Duesseldorf, Germany.

15:20 - 15:45

0175 PEROXISOME PROLIFERATOR-ACTIVATED RECEPTORS (PPARS): IMPROVEMENT TO THE APPEARANCE OF PHOTOAGED SKIN IN ASIAN AND CAUCASIAN SUBJECTS **SS Hawkins**¹, S Krein¹, W Shingleton², J Adamus¹, H Meldrum¹

 $^{\rm 1}$ Unilever R&D, USA. $^{\rm 2}$ Unilever R&D, United Kingdom.

14:30 - 15:45 → Libertador C ORAL SESSION B-7

"Cosmetics - Developments in Actives Research"

14:30 - 14:55

0087 INSENSIBLE SWEAT MOISTURIZES THE STRATUM CORNEUM BY PROVIDING NATURAL MOISTURIZING FACTOR **T Sugawara**¹, N Nakagawa¹, K Kikuchi², A Watabe², M Yakumaru¹, S Naito³, H Tagami², S Aiba², S Sakai¹ 1 Kanebo Cosmetics Inc., Odawara, Kanagawa, Japan. ²Tohoku University School of Medicine, Sendai, Miyagi, Japan. ³ Kao Corporation, Haga, Tochigi, Japan.

14:55 - 15:20

0145 FINDING NATURAL PEROXISOME PROLIFERATOR ACTIVATED RECEPTOR-GAMMA (PPAR-GAMMA) LIGANDS AS ACTIVE INGREDIENTS FOR COSMETIC APPLICATIONS **B Martínez-Teipel**¹, R Armengol¹, S García-Vallve², L Guasch², L Mayordomo¹, G Pujadas²

¹ Provital S.A., Barcelona, Spain. ² Universitat Rovira i Virgili, Tarragona, Spain.

15:20 - 15:45

0241 NOVEL SIRT1 ACTIVATING BOTANICALS <u>G Schmaus</u>, M Herrmann, T Kueper, H Joppe, J Betke Symrise GmbH & Co. KG, Muehlenfeldstrasse 1, 37603 Holzminden, Germany.

15:45 - 16:45 COFFEE BREAK

→ San Telmo Room

POSTER SESSIONS C-12-15

16:45 - 18:00 → Libertador AB ORAL SESSION A-8

"Protective Strategies - Care of Hair, Nails and Skin"

16:45 - 17:10

0316 CHOLESTEROL ENHANCES THE DRY SKIN RELIEF EFFICACY OF SOME BUT NOT ALL LAMELLAR BILAYERFORMING LIPID EFFICACY

<u>A Laloeuf</u>¹, A Mitarotonda², D Kerrigan², AJ Byrne², L Visdal-Johnsen¹, AV Rawlings³
¹ Oriflame Cosmetics AB, Skin Research Institute, Sweden. ² Oriflame R&D Ltd, Ireland. 3 AVR Consulting Ltd, United Kingdom.

17:10 - 17:35

0023 DIFFERENCES IN SUSCEPTIBILITY TO OXIDATIVE-STRESS IN THE SKIN OF ASIANS LIVING IN JAPAN (JAPANESE) AND CAUCASIANS LIVING IN FRANCE (FRENCH) Y Yamashita¹, K Obayashi¹, Y Okano², T Ngo³, P Buche³, A Sirvent³, F Girard3, H Masaki²

¹ Nikkol Group, Nikoderm Research Inc., 1-6-14, Azuchimachi, Chuoku, Osaka, Japan. ² Nikkol Group, Cosmos Technical Center Co., Ltd., 3-24-3, Hasune, Itabashiku, Tokyo, Japan. ³ Laboratoire Dermscan, 56, Boulevard Niels Bohr, 69623 Villeurbanne Cedex, France.

17:35 - 18:00

0218 INHIBITION OF THE SCALP IRRITATION CAUSED BY MALASSEZIA GLOBOSA THROUGH THE ANTI-INFLAMMATION EFFECT OF NYMPHAEA CAERULEA EXTRACT **DJ Min**, SW Lee, BH Kang, JW Choi, SM Ahn, HK Kim Amorepacific R&D center, Yongin-si, Gyeonggi-do, Korea.

_24 IFSCC 2010 FINAL PROGRAM

16:45 - 18:00 → Libertador C ORAL SESSION B-8

"Cosmetics - New Materials and Formulations"

16:45 - 17:10

0029 NO MORE SMEARY COFFEE CUPS!! "A NOVEL LONG-LASTING LIPSTICK UTILIZING A PHASE SEPARATION MECHANISM IS TOTALLY DEVOID OF SECONDARY STAIN" **T Ikeda**, T Osawa, N Tomita, T Nagano Shiseido Research Center, Japan.

17:10 - 17:35

0279 NOVEL OXYISOFLAVONE DERIVATIVES FROM HIGHLY AGED KOREAN FERMENTED SOYBEAN PASTE AS POTENT TYROSINASE AND MELANIN FORMATION INHIBITORS **JS Park**, DH Kim, JK Lee, HK Chang, DH Kim, HK Kim Amorepacific R&D Center, Korea.

17:35 - 18:00

0231 FORMATION OF PSEUDO-INTERCELLULAR LIPIDS MEMBRANE ON THE SKIN SURFACE BY THE ALPHA-GEL HOLDING A LARGE AMOUNT OF WATER **M Orita**, M Uchiyama, O Yamashita, S Naitou, K Takeuchi, Y Katayama, H Tanabe, K Fukuda, J Okada Kao Corporation, Japan.

NOTES	

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Tirmenich



Materias primas para la industria cosmética

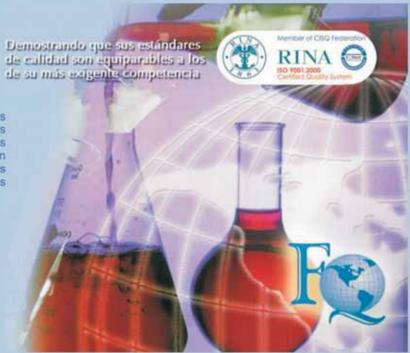
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THURSDAY, SEPTEMBER 23, 2010

09:00 - 09:30 → Libertador Room KEYNOTE LECTURE 4

"The Microstructure and Properties of Fluid And Semisolid Lotions and Creams"

Gillian M. Eccleston

Professor Strathclyde Institute of Pharmacy and Biomedical Science. University of Strathclyde, United Kingdom.

10:00 - 10:50 → Libertador AB ORAL SESSION A-9

"Cosmetics - New Materials and Formulations"

10:00 - 10:25

0293 CUTANEOUS WATER HOMEOSTASIS IMPROVEMENT BY INCREASE OF KERATINOCYTE DIFFERENTIATION AND ACTIVATION OF FILAGGRIN PROCESSING: EFFECT OF A SPHINGOSINE-1-PHOSPHATE LIKE LIPID

<u>P Mondon</u>, O Peschard, N Andre, E Doridot, F Vissac, K Lintner

Sederma; 78610; Le Perray en Yvelines, France.

10:25 - 10:50

0181 MODELING AND QUANTITATION OF PENETRATION OF SKIN MOISTURIZATION BENEFIT AGENTS USING IN-VIVO CONFOCAL RAMAN SPECTROSCOPY WITH MULTIVARIATE CHEMOMETRICS

<u>T Hancewicz</u>, C Xiao, S Zhang, M Misra Unilever R&D, USA.

10:00 - 10:50 → Libertador C ORAL SESSION B-9

"Cosmetics - Assessment of Cosmetic Efficacy

10:00 - 10:25

0207 NEW METHOD TO MEASURE SKIN ELASTICITY - THE MULTIPARAMETRIC APPROACH CAPITALIZED ON WOMEN PERCEPTION / CLINICAL EXPERTISE / INSTRUMENTAL METHODS **M Baret**, D De Queral, R Korichi, G Gazano LVMH Recherche Parfums & Cosmétiques, 45800 St Jean de Braye, France.

10:25 - 10:50

0363 INNOVATIVE APPROACH FOR THE QUANTIFICATION OF PORES SIZE BY FRINGE PROJECTION

<u>D Boudier</u>², J Breugnot^{1 2,} E Vignau², M Le Guillou², B Closs²

¹ University of Saint Etienne, Laboratory H. Curien UMR 5516, France. ² R&D department - Silab, France.

10:50 - 11:50 COFFEE BREAK

→ San Telmo Room POSTER SESSIONS C-16-18 **11:50 - 13:05** → Libertador AB ORAL SESSION A-10

"Cosmetics - New Materials and Formulations"

11:50 - 12:15

0246 SKIN PENETRATION OF CAFFEINE FROM MICROEMULSIONS WITH THREE DIFFERENT MICROSTRUCTURES

<u>W Naoui</u>¹², M-A Bolzinger¹, J Pelletier¹, J-P Valour¹, R Kalfat², Y Chevalier¹

¹ University of Lyon, LAGEP, UMR CNRS 5007, Lyon, France. ² Institut National de Recherche et d'Analyse Physico-chimique, Sidi Thabet, Tunisia.

12:15 - 12:40

0036 NEW DISCOVERY OF REVERSED HEXAGONAL (H2) TYPE SELF-ASSEMBLY OF PHYTYL CHAINED AMPHIPHILIC LIPIDS / WATER SYSTEM - HEXASOME : BEYOND VESICLES AND LIPOSOMES

<u>S Hashimoto</u>, I Kim, H Masaki Nikkol Group Cosmos Technical Center Co., Ltd., Japan.

12:40 - 13:05

0253 POLYMER-SURFACTANT PHASE AND SURFACE INTERACTIONS LEADING TO NEW MODELS FOR CATIONIC POLYMER CHEMISTRIES

ES Johnson¹, JJ Zhang¹, L Piculell², T Nylander², A Svensson², O Santos², M Clauzel²

¹ P&G Beauty and Grooming, USA. ² Lund University, Physical Chemistry, Center for Chemistry and Chemical Engineering, Sweden.

11:50 - 13:05 → Libertador C ORAL SESSION B-10

"Protective Strategies - Anti-aging Research: What is New?"

11:50 - 12:15

0067 NOVEL ANTI-AGING APPROACH FOCUSED ON REPAIR OF OXIDATIVE DNA DAMAGE: A NEWLY DISCOVERED ACTIVITY OF STILBENOID

M Inoue, Y Takahashi, M Kobayashi, Y Sugiyama Kanebo Cosmetics Inc., Japan.

12:15 - 12:40

0236 DIGLYCEROLPHOSPHATE - A MULTITALENT TARGETING AGING

T Kueper, I Meyer, H Oertling, J Betke, M Saathoff, G Vielhaber

Symrise GmbH & Co. KG, Muehlenfeldstrasse 1, D-37603 Holzminden, Germany.

12:40 - 13:05

0044 EPIDERMAL "HEPARANASE", A PHOTO-AGING ENZYME THAT DETERIORATES THE FUNCTION OF BASEMENT MEMBRANE

<u>S Iriyama</u>, K Umishio, M Tsunenaga, S Inomata, S Amano Shiseido Research Center, Japan.

IFSCC 2010 FINAL PROGRAM 27_

13:05 - 14:30 →

San Isidro Room WORKING LUNCH (included in full registration)

14:30 - 15:45 →

Libertador AR **ORAL SESSION A-11**

14:30 - 14:55

0198 GINSENOSIDE RG3, A HAIR GROWTH AGENT, UPREGULATES THE EXPRESSION VASCULAR ENDOTHELIAL GROWTH FACTOR IN HUMAN HAIR DERMAL PAPILLA CELLS DH Shin¹, JM Kim², IS Jang³, JD Jang¹, BH Kim¹, HS Kim¹ ¹ Somang Cosmetics R&D center, 687-14, Kozan-dong, Namdong-gu, Inchoen 405-310, Korea, ² Institute of Traditional Medicine & Bioscience of Daejeon University, Daejeon 301-724, South Korea, Korea. ³ Proteome Research Team, Korea Basic Science Institute, Daejeon 305-333. Korea.

14:55 - 15:20

0118 DEPOSITION OF CHARGED COLLOIDS ON HAIR AND SKIN BY DYNAMIC ELECTROKINETIC AND PERMEABILITY **ANALYSIS**

J Jachowicz¹. M Zielinski²

¹Better Cosmetics, LLC, USA. ²Zevax, Inc., USA.

15:20 - 15:45

0098 A NOVEL CROSS-SECTION ANALYSIS METHOD AND ITS APPLICATION IN DESIGNING IDEAL COSMETIC FILMS Y Hongo, E Takahashi

Pola Chemical Industries, Inc., Japan.

14:30 - 15:45 → Libertador C

ORAL SESSION B-11

"Protective Strategies - Anti-aging Research: What

14:30 - 14:55

0266 A NEW DEVICE FOR NON-CONTACT IN VIVO EVALUATION OF SKIN MECHANICAL PROPERTIES: AGE-RELATED STUDY AND COMPARISON WITH A STANDARD **DEVICE USING SKIN SUCTION**

P Mondon, E Doridot, K Lintner

Sederma; 78610; Le Perray en Yvelines, France.

14:55 - 15:20

0311 COMPLEMENTARY IN VITRO MODELS TO INVESTIGATE THE MODE OF ACTION OF ACTIVE INGREDIENTS ON THE PROTECTION OF EXTRACTED EPIDERMAL STEM CELLS AGAINST DIFFERENT TYPES OF STRESSES

S Dumont, L Cattuzzato, C Sanchez, A De Pooter, M Puginier

SEPPIC Laboratoire de biologie, 127 chemin de la Poudrerie, 81105 Castres Cedex, France.

15:20 - 15:45

0177 HISTOLOGICAL EVALUATION OF ANTI-AGEING IMPROVEMENT IN PHOTO-DAMAGED FOREARM SKIN: A COMPARISON OF TWO MARKETED FORMULATIONS W Shingleton¹, M Benton¹, N Carpenter¹, A Russell¹, J Carlson², H Meldrum²

¹ Unilever R&D, United Kingdom. ² Unilever R&D, USA.

15:45 - 16:45

COFFEE BREAK

San Telmo Room POSTER SESSIONS C-12-15

16:45 - 18:00 →

Libertador AB **ORAL SESSION A-12**

16:45 - 17:10

0352 CORRELATION BETWEEN EPIDERMAL THICKENING AND SURFACE FREE ENERGY REFLEX IN PATIENTS OPERATED FOR BREAST CARCINOMA BY A COMBINED ULTRASOUND IMAGING AND TENSKINMETRIC ANALYSES (TVS SKIN TEST). THE INFUENCE OF A BIOMIMETIC COSMETIC TREATMENT

A Bettero¹, C Dal Bosco², D Rossi², C Dal Bosco³ ¹ Università di Padova-C.U.I.A. Consorzio Interuniversitario Italiano per l'Argentina, Italy. ² Università di Padova, Italy. ³ IOV-Istituto Oncologico Veneto, Italy.

17:10 - 17:35

0174 DIGUANOSIDE TETRAPHOSPHATE (GP4G) FORMULATION ACTIVATES EPITHELIAL CELLS AND STIMULATES HAIR GROWTH: RE-EVALUATION OF ITS ACTIVITY AND CHARACTERIZATION OF ITS ACTION MECHANISM M Baptista¹, D Severino¹, T Zorn², G Micke³, A Costa⁴,

J Silva², L Nogueira⁵, A Kowaltowski¹, S Damonte⁶ ¹ Dept. Biochemistry, Institute of Chemistry, University of São Paulo, Brazil, ² Instituto de Ciências Biomédicas, Universidade de São Paulo, Brazil.

³ Universidade Federal de Santa Catarina, Brazil.

⁴ Departamento de Química Fundamental, Instituto de Química, Universidade de São Paulo, Brazil.

⁵ Universidade Estadual de Mato Grosso, Brazil.

⁶ Claim, Buenos Aires, Argentina, Brazil.

17:35 - 18:00

0222 THE ROLE OF CALPAIN IN THE CASCADE OF UVB-INDUCED GENERATION OF REACTIVE OXYGEN SPECIES (ROS) M Fujishiro, Y Izutu, S Yahagi, Y Okano, H Masaki Nikkol Group Cosmos Technical Center Co., Ltd. 3-24-3 Hasune, Itabashi-ku, Tokyo 174-0046, Japan.

28 **IFSCC 2010 FINAL PROGRAM** **16:45 - 18:00** → Libertador C ORAL SESSION B-12

"Protective Strategies - Anti-aging Research: What is New?"

16:45 - 17:10

0214 LAMIN A-DEPENDENT NUCLEAR DEFECTS CAN BE A MARKER OF THE PREMATURE SENESCENCE IN HUMAN SKIN FIBROBLAST CAUSED BY THE EXTERNAL STRESSES **SH Kim**, H Chang, SM Ahn, HK Kim Skin research institute, AmorePacific R&D center, Korea.

17:10 - 17:35

0122 RESEARCH OF SKIN-DERIVED STEM CELLS AND APPLICATION TO THE COSMETICS

<u>S Hasegawa</u>, T Yamada, T Yoshimura, Y Hasebe, A Onda, O Hirose, H Mizutani, S Nakata Research Laboratories, Nippon Menard Cosmetic Co., Ltd., Japan.

17:35 - 18:00

0237 DESIGN OF A NEW DIMETHIONINE DERIVATIVE PROTECTING MITOCHONDRIA FROM ROS-INDUCED DAMAGES

<u>J-F Nicolay</u>¹, F Maccario², P Lafitte¹, E Lomonte², L Valenti² ¹ Exsymol S.A.M., Monaco. ² Sedifa Laboratoire, Monaco.

NOTES

IFSCC 2010 FINAL PROGRAM 29_

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POSTER SESSIONS

TUESDAY, SEPTEMBER 21, 2010 10:50 - 11:50 SAN TELMO ROOM

PS C-1 - "Developments in Actives Research"

0017

A LIPOSOMAL ENCAPSULATED BLEND OF CITRUSFLAVONOIDS FOR SKIN LIGHTENING

<u>S Kiefer</u>, M Weibel, J Smits, M Juch, J Tiedtke, N Herbst Cosmetochem International AG, Sennweidstr. 44/46, CH-6312 Steinhausen, Switzerland.

0024

SALICIN REGULATES THE EXPRESSION OF "FUNCTIONAL YOUTH GENE CLUSTERS" TO REFLECT THAT OF A MORE YOUTHFUL SKIN PROFILE

R Gopaul¹, A Langerveld², H Knaggs¹, J Lephart¹

¹Nu Skin Global Research and Development, USA. ² Genemarkers LLC. USA.

0026

GRINDELIA EXTRACT: A PROTECTIVE INGREDIENT AGAINST ELASTIC FIBERS DEGRADATION

C Laperdrix¹, L Li², C Lucas¹, B Coulomb²

¹Research Center Yves Rocher, France. ²Paris-Descartes University, France.

0048

SHIKIMIC ACID: AN INNOVATIVE INGREDIENT FOR MULTIPLE COSMETIC USES

<u>G Guglielmini</u>

Sinerga, Italy.

0083

MAKE UP BRAIN \sim THE VALUE OF COSMETICS FROM THE ASPECT OF BRAIN SCIENCE

K Saruwatari¹, A Onzo², Y Tanaka¹, S Okazaki¹, A Sasaki³, K Mogi² Kanebo Cosmetics Inc., Japan. ² Sony Computer Science Laboratories Inc., Japan. ³ Dentsu Inc., Japan.

0088

STIMULATION OF FIBROBLAST CONTRACTILE CAPABILITIES AND PROCOLLAGEN-1 PRODUCTION BY COSMETIC INGREDIENTS RESULTS IN SKIN ANTI-AGING AND SKIN LIFTING PROPERTIES IN VIVO

<u>L Visdal-Johnsen</u>¹, T Al-Bader¹, A Byrne², E Cahill¹, A Mitarotonda², AV Rawlings³, A Laloeuf¹

¹ Oriflame Skin Research Institute AB, Sweden. ² Oriflame R&D Ltd, Ireland. ³ AVR Consulting Ltd, United Kingdom.

0092

DEVELOPMENT AND CHARACTERIZATION OF POLYMERIC NANOCAPSULES CONTAINING URSOLIC ACID MM Almeida, NA Bou-Chacra, JS Quenca-Guillen, CR Lima, C Zanolini, AB Rolim, TM Kaneko, MV Robles Velasco University of São Paulo, Brazil.

0097

STILBENOIDS FROM VANDA COERULEA STEMS PREVENT MMP-2 AND UV-INDUCED MMP-1 PRODUCTION IN HUMAN DERMAL FIBROBLASTS

<u>C Simmler</u>¹², V Leplanquais³, P André³, F Bonté²³, A Lobstein¹ Laboratory of Pharmacognosy, Faculty of Pharmacy, University of Strasbourg, 74 route du rhin 67400 Illkirch, France. ² Guerlain, 125 rue de Président Wilson, 92290 Levallois Perret, France. ³ LVMH recherche, 185 avenue de verdun, 45800 Saint Jean de Braye, France.

0114

MODULATION OF HAIR GROWTH MARKERS IN THE HAIR FOLLICLE

<u>PE Mouser</u>¹, C Meyrignac², A Perrin², C Gondran², K Cucumel², C Dal Farra³, N Domloge²

¹ ISP, United Kingdom. ² ISP, France. ³ ISP, USA.

0164

PROTECTION OF MEMBRANE MODELS AND EUKARIOTIC CELLS CHALLENGED WITH PHOTOINDUCED REATIVE OXYGEN SPECIES

<u>D Severino,</u> RTP Navas, CS Rocha, PR Rocha, CA Marques, AS Ferreira, C Kawai, MS Baptista

Department of Biochemistry, São Paulo University, Brazil.

0202

POLYPHENOLS FROM NEPHELIUM LONGANA SEEDS EXTRACT INHIBIT ADIPOSE TISSUE GROWTH <u>J-P Arnaud</u>, C Bezivin, M Borel Lucas Meyer Cosmetics, France.

0240

ANTI-WRINKLE EFFECT OF LIGUSTRUM JAPONICUM FRUIT EXTRACT

YR Lee¹, SK Choi¹, GW Ahn², BK Jo²

¹ ACT R&D Center, Korea. ² THE FACE SHOP R&D Center, Korea.

024

EFFECTS OF COSMETIC INGREDIENTS AS ANTI-CELLULITE AGENTS: SYNERGISTIC ACTION OF ACTIVES WITH IN VITRO AND IN VIVO EFFICACY

 $\underline{\mathsf{T}}\,\underline{\mathsf{Al-Bader}}^1,\mathsf{A}\,\mathsf{Byrne^2},\mathsf{J}\,\mathsf{Gillbro^1},\mathsf{A}\,\mathsf{Mitarotonda^2},\mathsf{AV}\,\mathsf{Rawlings^3},\mathsf{A}\,\mathsf{Laloeuf^1}$

¹ Oriflame Skin Research Institute, Sweden. ² Oriflame Research & Development Ltd., Ireland. ³ AVR Consulting Ltd., United Kingdom.

0284

N-TRANS-FERULOYL-3-HYDROXYTYRAMINE: A SUBSTRATE-MIMICKING INHIBITOR OF MAMMALIAN TYROSINASE IN VITRO <u>S Leoty-Okombi</u>, S Bonnet, D Rival, X Lin BASF Beauty Care Solutions, France.

ივიი

SKIN PIGMENTATION AND ITS REGULATION BY TRANS-4-(AMINOMETHYL) CYCLOHEXANECARBOXYLIC ACID HEXADECYL ESTER HYDROCHLORIDE

<u>E Fedorova</u>¹, A D'Arcangelis¹, P Bhatt¹, Y Okano², H Masaki², C Lasserre¹, N Ando³

¹ Chanel, Inc., USA. ² Nikkol Group COSMOS Technical Center, Japan. ³ Chanel Research and Technology Development Laboratory, Japan.

HYDROPHILE-LIPOPHILE BALANCE (HLB) DETERMINATION OF VEGETABLE OILS: MACROSCOPIC AND MICROSCOPIC EVALUATION OF EMULSIONS

<u>VC Gumiero</u>, OF Souza, LC Agostinho, PA Rocha-Filho Department of Pharmaceutical Science, Faculty of Pharmaceutical Sciences of Ribeirão Preto/University of São Paulo, Brazil.

0386

SILYBIN MALTOSIDE , THE NOVEL COSMETIC INGREDIENT FOR ANTI- WRINKLING

M Nakagawa, A Kotaka, T Suzuki, T Hiromi, S Matsukuma Fancl Corporation, 12-13 Kamishinano, Totsuka-ku, Yokohama, 244-0806, Japan

PS C-2 - "New Materials and Formulations"

0030

NOVEL SELF-ASSEMBLED STRUCTURE FOR TRANSPARENT, REVERSIBLY DEFORMABLE OIL GELS AND ITS APPLICATION TO COSMETICS

Y Sugiyama¹, A Matsuo¹, T Ohmori¹, H Shimizu¹, T Kimura¹, D Yoshizawa¹, Y Tezuka², Y Aoki², Y Morishima³

¹ Shiseido Research Center, Japan. ² NOF Corporation, Japan.

³ Fukui University of Technology, Japan.

0037

DEVELOPMENT OF MAKE-UP REMOVER WITH LAMELLAR LIQUID CRYSTALS, ACHIEVING BOTH A GOOD CLEANSING PERFORMANCE AND HIGH VISCOSITY ENOUGH FOR MASSAGE M Kamada, M Yasuda, T Iwanaga

Beauty Care Laboratory, Kracie Home Products, LTD., Japan.

0086

BICELLAR SYSTEMS FOR SKIN PURPOSES

O López¹, L Barbosa-Barros¹, G Rodríguez¹, L Rubio¹, C Barba¹, C López-Iglesias², A de la Maza¹

¹ Dpt of Chemical Technology and Surfactants, IQAC-CSIC, Spain. ² Serveis Cientificotècnics, Universitat de Barcelona, Parc Científic de Barcelona, Spain.

0101

DEVELOPMENT OF COMPOSITE POWDERS FOR UV PROTECTION AND 3-DIMENSIONAL FACIAL APPEARANCE AND THEIR APPLICATION TO ANTI-AGING MAKE-UP PRODUCTS <u>T Okuura</u>¹, K Tsubata¹, Y Ishiguro¹, H Asano¹, T Asai², Y Takao³, S Nakata¹

 Research Laboratories, Nippon Menard Cosmetic Co., Ltd., Japan.
 Sanshin Mining and Manufacturing Co., Ltd., Japan.
 National Institute of Advanced Industrial Science and Technology, Japan.

0142

CO-ENYZME Q10 LOADED SOLID LIPID NANOPARTICLES IN HPMC GELS: MECHANICAL PROPERTIES AND IN VITRO ANTIOXIDANT ACTIVITY

EH Gökçe, E Korkmaz, Ö Özer

University of Ege, Faculty of Pharmacy, 35100, Bornova, Izmir, Turkey.

0210

COMPARATIVE EVALUATION OF THE HYDRATION DEGREE IN COSMETIC FORMULATIONS WITH MINERAL OIL AND BARU OIL (DIPTERYX ALATA VOGEL)

<u>JL Moreira</u>¹, Dr. Pimentel¹, SO Leite¹, CA Silva¹, AC Machado¹, J Gimenis², MA Schulman², P Barbieri², BF Carneiro², AR Baby³, MVR Velasco³, TM Kaneko³, VR Leite-Silva¹²

¹ University Anhembi Morumbi São Paulo, Brazil. ² ISIC - Schulman Institute for Scientific Research São Paulo, Brazil. ³ Faculty of Pharmaceutical Sciences, University of São Paulo, Brazil.

0223

PREPARATION FOR THE INTERFERENCE LIGHT TALC BASE PIGMENT COATED WITH TITANIUM DIOXIDE AND ITS OPTICAL PROPERTIES

F Suzuki¹, Y Murui¹, Y Osawa¹, S Okubo¹, M Higuchi²
¹ Reseach & Development Center, Nihon Koken Kogyo Co.,Ltd.,
Japan. ² Tokyo Office, Nihon Koken Kogyo Co.,Ltd., Japan.

กวรย

EVALUATION OF ANTIBACTERIAL AND ANTIOXIDATIVE POTENTIAL OF EXTRACT/FRACTIONS OF LESPEDEZA CUNEATA G. DON

SN Park, JO Park, SY Kim

Seoul National University of Technology, Korea.

0278

BEADS AS UNIQUE PRODUCT FORM WITH EXCITING BENEFITS IN STYLING

<u>J Klock</u>¹, D Weber¹, A Radspieler¹, J van Geel²
¹ DSM Nutritional Products Ltd., Switzerland. ² DSM NeoResin Waalwijk, The Netherlands.

0286

METHOD FOR OBTAINING NANOEMULSIONS CONTAINING RICE BRAN OIL (ORYZA SATIVA): DEVELOPMENT AND STUDY OF THE TEMPERATURE AND EMULSIFICATION

<u>D Spuri Bernardi</u>, G Spósito Vieira, J Bortoloto, PA Rocha-Filho Faculdade de Ciências Farmacêuticas de Ribeirão Preto - USP, Brazil.

0355

GLYCERYL CAPRYLATE/CAPRATE - NEW NATURALLY-DERIVED FOOD GRADE THICKENER FOR LIQUID CLEANSING PERSONAL CARE PRODUCTS

I Ryklin, J Gedroc

Stepan Company, Northfield, IL, USA.

PS C-3 - "Assessment of Cosmetic Efficacy"

0085

SKIN WHITENING AND ANTI-OXIDANT EFFECT OF POLYGONUM MULTIFLORUM ROOT EXTRACT

ES Hong, GW Ahn, BK Jo

THEFACEULOR BOD Contain Konna

THEFACESHOP R&D Center, Korea.

0091

EFFICACY METHODOLOGIES TO DETERMINE PHOTODEGRATATION OF HUMAN HAIR Loderch, C Barba, C Alonso, M Martí, JL Parra Instituto de Química Avanzada de Cataluña IQAC-CSIC, Spain.

0187

LUMINANCE STATISTICS EFFECTS ON SKIN AGE PERCEPTION K Okajima¹, C Arce¹, T Igarashi², K Nakao²

¹ Yokohama National University, Japan. ² Kao Corporation, Japan.

0234

SKIN SOFTNESS EVALUATION - ANALYSIS OF SKIN SURFACE STATE THANKS TO AN INNOVATIVE TRIBOLOGICAL DEVICE - <u>A Sirvent</u>¹, P Buche¹, TTH Ngo¹, S Fontaine², M Renner³, F Girard¹ Dermscan, France. ² ENSISA, France. ³ INSA-Strasbourg, France.

0250

ASSESSMENT OF THE COSMETIC FORMULA EFFECTIVENESS VERSUS ENVIRONMENTAL SKIN AGGRESSORS: SQUALENE PEROXIDE AS A MARKER FOR PHOTO-OXIDATIVE STRESS IN VITRO S Marull, J Essadouni

Research Center Yves Rocher, France.

0265

CHARACTERIZATION OF MASCARAS BY RHEOLOGY AND TEXTURE ANALYSIS: RELATIONSHIPS WITH MAKE UP BENEFITS S Marull, A Maniere, A Moulin

Research Center Yves Rocher, France.

EFFECTS IN TACTILE SENSITIVITY AND IN SKIN MOISTURIZING OF COSMETIC FORMULATIONS CONTAINING VITAMINS AND BOTANICAL EXTRACTS

PMBG Maia Campos, M D. Gianeti

Faculdade de Ciências Farmacêuticas de Ribeirão Preto - Universidade de São Paulo, Brazil.

PS C-4 - "Sunscreens and Sun blockers'

0028

A NEW BODY WASH PROVIDES ALL-DAY PROTECTION AGAINST LIV LIGHT

S Nacht¹, CJ Cockerell²

¹Riley-Nacht, LLC, USA. ² Division of Dermopathology, Univ.of Texas Southern Medical Center, USA.

0146

SUN PROTECTION FACTOR IN VIVO EVALUATION OF O/W/O MULTIPLE EMULSIONS CONTAINING AÇAÍ OIL (EUTERPE OLERACEA)

M Ferrari^{1 2 3}, M Maruno³, PA Rocha-Filho³

¹ Universidade de Cuiabá, Brazil. ² Universidade Federal do Rio Grande do Norte, Brazil. ³ Universidade de São Paulo, Brazil.

0169

"SILICA NANOPARTICLES MODIFIED WITH CINNAMIC ALCOHOL" SYNTHESIS, CHARACTERIZATION AND USES FOR BROAD SPECTRUM UV PROTECTION

N Delic¹, J Scotto², V Arce³, M Gonzalez², P Allegretti³, D Martire²
¹ Consell S.A. / AAQC, Argentina. ² Instituto de Investigaciones
Fisicoquímicas y Aplicadas (INIFTA) U.N.La Plata, Argentina.
³ LADECOR, Depto. de Química, Fac. de Ciencias Exactas, UN La Plata, Argentina.

0252

RUTIN, AS BIOACTIVE COMPOUND, FOR USE IN SUNSCREENS: ELECTRONIC INTERACTION WITH CHEMICAL SUNSCREENS, ANTIOXIDANT ACTIVITY AND EFFICACY IN VITRO MS Costa, PS Prestes, TS Balogh, CA Pedriali, CA Pinto, AM Caffaro, CH Serra, TM Kaneko, MV Velasco, AR Baby Faculdade de Ciências Farmacêuticas da Universidade de São Paulo - São Paulo/SP, Brasil, Brazil.

0264

ENHANCED UVA PROTECTION THROUGH A NOVEL TITANIUM DIOXIDE ACTIVE

<u>I Tooley</u>, H Hine, R Sayer, P Staniland Croda Europe Ltd, United Kingdom.

0267

WATER RESISTANCE EFFECT OF FILM FORMER ON OIL-IN-WATER EMULSION FOR SUNSCREEN APPLICATIONS <u>H-K Kim</u>¹, S-W Jung², J-E Kim¹, WJ Hon¹, B Kim¹, H-W Cho¹, H-J Kim¹, J-D Lee¹

¹ Enprani Co., Ltd., 40-2, 3Ga, Shinhung-Dong, Chung-Gu, Inchon, 400-103, Korea. ² Ellead Co., Ltd., 272-1, Seohyeon-Dong, Bundang-Gu, Seongnam-Si, Gyeonggi-Do, 463-824, Korea.

0287

MICROSCOPIC EVALUATION OF POLYMERIC FILM PROPERTIES OF ANHYDROUS SUNSCREEN COMPOSITIONS AND ITS RELATION TO ABSORPTION

H Fares, D Prettypaul

International Specialty Products, USA.

0309

ULTRAFINE TITANIUM DIOXIDE POWDERS VERSUS HIGHLY LOADED THIXOTROPIC TITANIUM DIOXIDE DISPERSIONS HW Westenfelder

DSM Nutritional Products, Switzerland.

0357

FORMULATING TRANSPARENT SUNSCREEN GELS WITH SILICONE ELASTOMERS

M. Starch, M. Pretzer

Dow Corning Corporation, USA.

0359

TESTING THE WHITENING EFFECT OF SUNSCREENS FORMULATED WITH TITANIUM DIOXIDE $\underline{\mathsf{M}}$ Starch

Dow Corning Corporation, USA.

0364

INFLUENCE OF THE PHOTOSTABILIZER IN THE PHOTOPROTECTIVE EFFECTS OF A FORMULATION CONTAINING UV-FILTERS AND VITAMIN A

 $\underline{\mathrm{CG}}$ Benevenuto, MBA Demets, MAS Di Mateo, PMBG Maia Campos, LR Gaspar

University of Sao Paulo, Brazil.

0367

DEVELOPMENT AND PHYSICAL STABILITY OF COSMETIC FORMULATIONS WITH UV-FILTERS, MATRICARIA CHAMOMILLA EXTRACT AND ALPHA-BISABOLOL LS Freitas, MB Demets, PMBG Maia Campos Universidade de São Paulo. Brazil.

0378

DETERMINATION OF IN VITRO SUNSCREENS PROTECTOR FACTOR FOR COMMERCIAL FORMULATIONS

JCR Corrêa, C Reichmann, HRN Salgado

College of Pharmaceutical Sciences, University of The State of São Paulo - UNESP, Araraquara, São Paulo, Brazil.

0403

A NEW AND NATURAL UV-B SUNSCREEN PRODUCT FORMULATED WITH MYCOSPORINE-GLUTAMINOL-GLUCOSIDE OBTAINED FROM PATAGONIAN YEASTS M Moliné, D Libkind, MR van Broock INIBIOMA - UNComahue, Argentina.

TUESDAY, SEPTEMBER 21, 2010 15:45 - 16:45 SAN TELMO ROOM

PS C-5 - "Developments in Actives Research"

0043

THE STEM CELL FACTOR SIGNALISATION PATHWAY VIA THE KIT RECEPTOR IS IMPLICATED IN THE REGULATION OF EPIDERMAL MELANOCYTES MIGRATION AND HOMOGENIZATION OF THE PIGMENTATION

<u>Ilmbert</u>, JM Botto, A Lebleu, C Plaza, C Serre, F Labarrade, A Plantivaux, C Meyrignac, C Dal Farra, N Domloge ISP Vincience, Sophia-Antipolis, France.

0051

CONTROL OF KEY FACTOR IN SKIN PIGMENTATION WILL OFFER ADVANCED AGE SPOT TREATMENT

M. Shuigi. R. Vamazakii. T. Shippoul. E. Takouchii. T. Nishiiima!

M Shuin¹, R Yamazaki¹, T Shinpou¹, E Takeuchi¹, T Nishijima¹, A Kameyama², D Murase², S Kasamatsu², Y Amano², A Ohuchi², H Kawada¹

¹Beauty Care Research Laboratories, Kao Corporation, 2-1-3 Bunka, Sumida-Ku, Tokyo 131-8501, Japan. ²Biological Science Laboratories, Kao Corporation, 2606 Akabane, Haga-Gun, Tochigi 321-3497, Japan.

CONJUGATED LINOLENIC ACID DERIVATIVES FOR PROMISING BENEFICIAL COSMETIC APPLICATIONS

L Couturier, T Saguet, F Yvergnaux Bioeurope - Solabia group, France.

0075

A NEW PROMISING TRIMOLECULAR COMPLEX FOR RESTORATION OF SKIN STRATUM CORNEUM STRUCTURE L Couturier, T Saguet, F Yvergnaux

Bioeurope - Solabia group, France.

0096

FEMININE HYGIENE SOAP WITH GUAVA SLEEVE GLYCOLIC EXTRACT

MS Panise¹, MG Silva¹, TM Kaneko², PS Lopes¹
¹ University of Sorocaba, Brazil. ² School of Pharmaceutical Sciences, University of São Paulo (FCF-USP), Brazil.

0106

PROTECTION AGAINST PROTEIN OXIDATION DURING AGING <u>C Baudouin</u>, S Bredif, S Garnier, P Msika Laboratoires Expanscience, France.

0109

ANTI-ITCHING PROPERTIES OF PATENTED AVOCADO PEPTIDES <u>C Baudouin</u>, S Bredif, P Msika Laboratoires Expanscience. France.

0110

A NEW COSMETIC PEPTIDE STIMULATING HYALURONAN SYNTHESIS IN SKIN

M Heidl, H Ziegler, R Gräub, D Imfeld DSM Nutritional Products Ltd., Switzerland.

0143

ANTI-AGEING AND SLIMMING POTENTIAL OF A LOTUS MARITIMUS EXTRACT VIA ITS EFFECT ON MITOCHONDRIAL SIRTUINS ON HUMAN SKIN CELLS

PY Morvan, L Pentecouteau, H Offredo, R Vallee Codif International. France.

0155

NATURAL ALTERNATIVE FOR SUBSTITUTION OF PARABENS IN HAIR COSMETIC FORMULATIONS

<u>VR Leite-Silva</u>⁴, SD Gonçalves², LGM Matheus³, P Barbieri⁴, MA Schulman⁴, PS Lopes⁵, AR Baby⁶, MVR Velasco6, TM Kaneko⁶

- Biocenter, laboratório microbiológico, São Paulo, Brazil.
 Mapric. Produtos farmacocosméticos Ltda. São Paulo. Brazil.
- 4 ISIC Schulman Institute for Scientific Research São Paulo, Brazil.
- ⁵ Sorocaba University, Brazil. ⁶ Faculty of Pharmaceutical Sciences of São Paulo University, Brazil.
- Gao i adio Orliversity, Brazil.

0163

NEW ANTIMICROBIAL COMBINATION COMPRISING 1,2-ALKANEDIOLS AND 4-METHYLBENZYL ALCOHOL G Schmaus¹, A Pfeiffer¹, R Pillai²

¹ Symrise GmbH & Co. KG, Mühlenfeldstraße ¹, D-37603 Holzminden, Germany. ² Symrise Inc., 300 North Street, Teterboro, New Jersey 07608, USA.

0178

CHANGING THE CLEANSING PARADIGM: THE DEVELOPMENT OF A NEW MILD AND MOISTURIZING CLEANSING LIQUID KP Ananthapadmanabhan Unilever R&D. USA.

Unilever R&D, USA.

0220

BAMBOO SAP CAN IMPROVE EPIDERMAL HOMEOSTASIS AND BARRIER FUNCTION VIA P63 ACTIVATION HK Jang, DJ Min, JH Kim, CK Kang, SM Ahn, HK Kim Amorepacific R&D center, Yongin-si, Gyeongqi-do, Korea.

0251

BIOACTIVE CHARACTERISTICS OF THE NOVEL DEODORANT INGREDIENT 5-CYCLOHEXYL-2-METHYL-PENTANOL <u>G Schmaus</u>¹, B Diesing¹, R Pillai², J Mampel³, A Hochheimer³, L Haustedt⁴, M Pesaro¹

1 Symrise GmbH & Co. KG, Germany. ² Symrise Inc., USA. ³ Brain AG, Germany. ⁴ AnalytiCon Discovery GmbH, Germany.

025

DETERMINATION OF THE REQUIRED HLB FOR APRICOT OIL (PRUNUS ARMENIACA): MACROSCOPIC AND MICROSCOPIC EVALUATION OF EMULSIONS

CM Guerreiro, TA Pereira, PA Rocha-Filho

Faculdade de Ciências Farmacêuticas de Ribeirão Preto - USP, Brazil.

1261

INHIBITORY EFFECT OF CHRYSOPHYLLUM EXTRACT ON TYPE I COLLAGEN AND VIMENTIN GLYCATION INDUCED BY GLYOXAL <u>R Fitoussi</u>, P Matarrese, K Vié, E Gooris Laboratoires Clarins, France.

0283

AN APPROACH FOR PREVENTING PIGMENT DISORDERS BY SEA LILY EXTRACT THROUGH REGULATION OF MELANOSOME TRANSPORT

<u>R Fitoussi</u>, C Guéré, K Vié, E Gooris Laboratoires Clarins, France.

033

CAPILLARY ELECTROPHORETIC DETERMINATION OF FATTY ACIDS IN COSMETICS CONTAINING BRAZIL NUT OIL <u>CRRC Lima</u>, VF Tavares, MM Almeida, TS Botelho, C Zanolini, JSQ Guillen, MSA Prado, MIRM Santoro, ERM Kedor-Hackmann Faculty of Pharmaceutical Sciences - University of São Paulo, Brazil.

0337

CONTRIBUTION OF THERMAL ANALYSIS FOR STABILITY EVALUATION OF THE BRAZIL NUT OIL IN COSMETIC FORMULATION

<u>CRRC Lima</u>¹, C Zanolini¹, VF Tavares¹, MM Almeida¹, TS Botelho¹, JSQ Guillen¹, JR Matos², LP Mercuri³, MIRM Santoro¹, ERM Kedor-Hackmann¹

¹ Faculty of Pharmaceutical Sciences - University of São Paulo, Brazil. ² Institute of Chemistry - University of Sao Paulo, Brazil. ³ Federal University of Sao Paulo, Brazil.

0361

ADVANCES ON THE BIOLOGICAL FUNCTIONALITY OF NON-VOLATILE POLYPHENOLS ISOLATED FROM ROSMARINUS OFFICINALIS

MV Barni, MV Repetto, S Moreno Fundación Instituto Leloir, Argentina.

0370

NEW COMPOUNDS FROM LINDERA ERYTHROCARPA EXTRACTS INHIBIT MELANOGENESIS BY THE INHIBITION OF TRP-1 SYNTHESIS

 $\underline{\sf JN\;Lee^1},\,\sf GT\;Lee^1,\,\sf MC\;Kang^2,\,\sf RK\;Ko^2,\,\sf JH\;Han^2,\,\sf BS\;Kim^2,\,\sf GO\;Kim^2,\,\sf KK\;Lee^1$

¹ Coreana Cosmetics Songpa R&D Center, 204-1 Jeongchon-ri Senggeo-eup, Cheonan-si 330-830, Korea. ² Jeju Bio-Industry Development Center, Hi-Tech Industry Development Institute, Jeju 690-121, Korea.

0385

DEVELOPMENT OF NEW PRODUCTS USING "FERMENTATION AND ENZYME TREATMENT" TECHNOLOGY AND ITS APPLICATION TO FUNCTIONAL COSMETICS

<u>GT Lee</u>¹, JN Lee¹, SJ Park¹, KS Lee¹, KH Kim², MD Han³, KK Lee¹ ¹ Coreana Cosmetics Songpa R&D Center, Korea. ² Bioland Ltd, 39-4 Songjeong, Byeongcheon, Cheonan-Si, Chungcheongnam-Do, 330-836, Korea. ³ Department of Biology, College of Natural Science, Soonchunhyang University, Asan, Chungnam 336-745, Korea.

SPHAGNUM MAGELLANICUM PEAT. CHARACTERIZATION AND PROPOSAL FOR COSMETICS USES

C Selem¹, N Delic²

¹ Proiectare Generación Cosmética/Asociación Argentina de Químicos Cosméticos, Argentina. ² Consell S.A./Asociación Argentina de Químicos Cosméticos, Argentina.

PS C-6 - "Advances in Delivery Technology"

0020

NEW POROUS COSMETIC FILLERS WITH CONTROLLED RELEASE FUNCTIONALITY

M Lergenmüller, C Handrosch
Merck KGaA, Germany.

0049

CHARACTERIZATION OF MICROCHANNELS CREATED BY METAL MICRONEEDLES: FORMATION AND CLOSURE H Kalluri, AK Banga

Mercer University, USA.

0052

MICRODERMABRASION ENHANCED DELIVERY OF COSMETIC AGENTS

Y Zhou, AK Banga Mercer University, USA.

0055

A POSSIBLE DELIVERY SYSTEM FOR SUNSCREENING AGENTS: SOLID LIPID NANOPARTICLES <u>MS Berkman</u>, Y Yazan, E Ba**ş**aran Anadolu University, Turkey.

0057

A POLYMERIC STABILIZED LIPOSOME COMPATIBLE WITH COSMETIC CREAM FORMULATIONS <u>V Alard</u>, D Quiles, T Pouget, E Perrier LVMH Recherche, France.

0058

ANTICELLULITIC MICROSHPERES: IN VITRO ASSESSMENT OF RELEASE BEHAVIOUR

<u>FE Svarc</u>¹, ME Daraio², NA Arnejo¹, OP Carballo¹, MV Debandi², NJ François², AF Blanco¹

¹ fabriQUIMICA S.R.L., Argentina. ² Facultad de Ingeniería, Universidad de Buenos Aires, Argentina.

0111

BICELLAR SYSTEMS AS A NEW TOPICAL DELIVERY STRATEGY <u>L Rubio</u>, C Alonso, G Rodríguez, L Barbosa-Barros, L Coderch, A de la Maza, JL Parra, O López IQAC-CSIC, Spain.

0147

STABILITY ASSESSMENT OF CHITOSAN GEL FORMULATIONS LOzcan, B Aksu, T Guneri, O Ozer

Ege University, Faculty of Pharmacy, 35100 Bornova, Izmir, Turkey.

0153

ENCAPSULATION OF ESSENTIAL OIL OF MINTHOSTACHYS SETOSA (BRIQ.) IN POLYMERIC NANOPARTICLES <u>DL Pinto</u>¹, NA Bou-Chacra¹, VR Leite-Silva², PS Lopes³, MA Schulman², AR Baby¹, MVR Velasco¹, VO Consiglieri¹, TJA Pinto³, TM Kaneko¹

¹ Faculty of Pharmaceutical Sciences, Brazil. ² ISIC - Schulman Institute for Scientific Research São Paulo, Brazil. ³ University of Sorocaba. Brazil.

0219

THE STUDY FOR CURCUMIN STABILITY USING NANOSTRUCTURED LIPID VESICLE (NLV) <u>JD Kim</u>¹, HG Ji¹, HG Yu¹, HS Kwon², SR Cho², BK Jo³ ¹ H&A Pharmachem, Korea. ² Hankook Cosmo Cosmetics, R&D center, Bucheon-city, 421-808, Korea. ³THEFACESHOP, R&D Center, Korea.

0263

AN APPROACH TO DEVELOP A NOVEL ANTIAGING TRANSDERMAL FILM FORMULATION OF N-ACETYLCYSTEINE <u>G Yener</u>, S Ylldırım Istanbul University, Faculty of Pharmacy, Turkey.

0281

DEVELOPMENT OF A CATIONIC LIPOSOME MADE OF QUASI-DRUG ADDITIVE COMPLIANT INGREDIENTS FOR THE JAPANESE SKIN CARE MARKET

<u>I Bonnet</u>, V André-Frei, F Durieux, N Godard, B Vogelgesang BASF Beauty Care Solutions, France.

03/1

DEVELOPMENT, CHARACTERIZATION AND MICROBIOLOGICAL CONTROL OF LIQUID CRYSTALLINE SYSTEMS WITH SILICON INCREASED OF GREEN TEA GLYCOLIC EXTRACT

M. Chorilli¹, RM Barbosa², PM Rustice²

¹ Faculdade de Ciências Farmaçãuticas de Araraquara (ECFar/

¹ Faculdade de Ciências Farmacêuticas de Araraquara (FCFar/UNESP), Araraquara - SP, Brazil. ² Pontifícia Universidade Católica de Campinas, Campinas - SP, Brazil.

0346

DEVELOPMENT AND STUDY OF THE PHYSICOCHEMICAL STABILITY OF W/O/W AND O/W/O MULTIPLE EMULSIONS INCREASED OF SHEA BUTTER AND OF THE CHEMICAL FILTERS ISOAMYL METHOXYCINNAMATE AND SULPHONIC PHENYLBENZIMIDAZOLE ACID

M Chorilli¹, GR Campos², PM Bolfarini²

¹Faculdade de Ciências Farmacêuticas de Araraquara (FCFar/UNESP), Araraquara - SP, Brazil. ²Pontifícia Universidade Católica de Campinas, Campinas - SP, Brazil.

PS C-7 - "Assessment of Cosmetic Efficacy"

0089

A NEW TECHNIQUE FOR MEASURING THE EFFECT OF COSMETIC TREATMENTS ON THE FRICTION BETWEEN SINGLE HAIR FIBRES

MC Hindley, WR Small, DL Jones

Croda Consumer Care Europe, United Kingdom.

0179

QUANTITATION OF PENETRATION OF SKIN MOISTURIZATION BENEFIT AGENTS USING IN-VIVO CONFOCAL RAMAN SPECTROSCOPY, FOURIER TRANSFORM SPECTROSCOPY, AND MASS SPECTROMETRY

<u>T Hancewicz</u>, G Thompson, S Zhang, M Misra Unilever R&D, USA.

0183

A CLINICAL METHODOLOGY TO DEMONSTRATE THE BENEFITS OF MOISTURIZING BODY WASH CLEANSERS UNDER NORMAL USE <u>S Zhang</u>, V Foy, K Vetro, A Ashkenazi, KP Ananthapadmanabhan Unilever R&D, USA.

0194

IN VITRO ASSESSMENT OF ANTIOXIDANT PROPERTIES OF COCOA EXTRACT IN COSMETIC FORMULATIONS: COMPARISON BETWEEN ANALYSIS BY EMITTED LIGHT (ABEL) AND ORAC ANTIOXIDANT CAPACITY METHODS

<u>S Tamburic</u>¹, J Knight², S Williams¹³, J Reeves², X Gong²

¹ School of Management and Science, London College of Fashion, United Kingdom. ² Knight Scientific Ltd., United Kingdom.

³ European Dermatology London, United Kingdom.

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CORRELATING SENSORIAL AND PHYSICOCHEMICAL PROPERTIES OF RAW MATERIALS FOR COSMETIC APPLICATIONS

M Grisel, L Gilbert, C Picard, G Savary Université du Havre, URCOM, EA 3221, FR CNRS 3038, 25 rue Philippe Lebon, B.P. 540, 76058 Le Havre cedex, France.

0242

THE COLOR, DEPTH OF WRINKLES AND SAGGING ON THE NECK SKIN DETERMINE YOUR NECK AGE

Skin Research Institute, Amore Pacific Corporation/R&D Center, Korea.

0243

CHARACTERIZATION OF THE VISUAL IMPACT OF PIGMENTED SPOTS: A NEW APPROACH BY IMAGE ANALYSIS <u>S Stéphan</u>, D Pellé de Quéral, R Korichi, M Neveu LVMH Recherche. France.

0248

SKIN BARRIER RECOVERY OF THE EFFECT OF AMBIENT RELATIVE HUMIDITY AND TEMPERATURE? AN EXPLORATORY STUDY ON SKIN DRYNESS IN SOUTH AFRICAN NEGROID PRE AND POST-MENOPAUSAL WOMAN

L Raaff, B Summers, M Lategan

MEDUNSA Campus, University of Limpopo, South Africa.

0292

CROSS-LINKED HYALURONIC ACID MICROSPHERES EFFICIENTLY REDUCE THE APPEARANCE OF WRINKLES WITHIN 6 HOURS <u>B Sohm</u>¹, H Zahouani², C Pailler-Mattei², I Bonnet¹, B Vogelgesang¹ BASF Beauty Care Solutions, France. ²Laboratory of Tribology and Systems Dynamics, Ecole Centrale de Lyon, France.

0336

EVALUATION OF ANTI-AGING PROPERTIES OF SKIN CARE PRODUCTS BY COMBINATION OF TAPE-STRIPPING AND GENE EXPRESSION ANALYSIS

<u>O Holtkötter</u>, U Ritschel, B Zimmermann, K Elias, C Adomat, C Hundeiker, T Förster

Henkel AG & Co KGaA, Germany.

0368

COSMETIC FORMULATIONS CONTAINING MICROALGAE: ANTIOXIDANT ACTIVITY AND CLINICAL EFFICACY STUDIES DG Mercurio, FB Camargo Jr, LR Gaspar, PMBG Maia Campos University of Sao Paulo, Brazil.

0369

EFFICACY OF COSMETIC FORMULATIONS CONTAINING GREEN TEA AND GINKGO BILOBA EXTRACTS - PRE-CLINICAL AND CLINICAL STUDIES

SM Bertucci, LS Freitas, LR Gaspar, DG Mercurio, MD Gianeti, PMBG Maia Campos

University of Sao Paulo, Brazil.

0388

NOVEL QUANTITATIVE METHOD FOR EVALUATION OF FACIAL RADIANCE

R Velthuizen¹, T Cece¹, E Covell¹, K Subramanyan² ¹ Unilever R&D, USA. ² Unilever R&D, China.

WEDNESDAY, SEPTEMBER 22, 2010 10:50 - 11:50 SAN TELMO ROOM

PS C-8 - "Developments in Actives Research"

0007

MANAGEMENT OF ACNE VULGARIS WITH 2% POLYPHENONE (GREEN TEA EXTRACT) IN CREAM. A PLACEBO-CONTROLLED, DOUBLE-BLIND STUDY

T Syed¹, TS Andersson², W Wong³, RAZA Aly¹
¹University of California San Francisco, USA. ²University of San Francisco, USA. ³Syed Skin Care, Inc. San Francisco, USA.

0013

ANTI-INFLAMMATION EFFECT OF TMHF(5,6,3',5'-TETRAMETOXY 7,4'-HYDROXYFLAVONE) FROM ARTEMISIA ABSINTHIUM KIM Kwang Soo¹, KIM Young Taek¹, JIN Sheung Hyun¹, KIM Bo Yeon², L Hee Gu², NAM Myoung Soo³

¹AT LAB Co., Ltd, Korea. ²KRIBB, Korea. ³Chung Nam University, Korea.

0025

NEW PROTECTIVE EFFECTS OF MANGIFERIN <u>C Laperdrix</u>, C Fromageot, JR Robin Research Center Yves Rocher, France.

0082

AN INNOVATIVE BIOLOGICAL EVALUATION METHODOLOGY OF ORCHIDACEAE : DISCOVER OF NEW ACTIVE COSMETIC INGREDIENTS

V Leplanquais, V Pecher, JC Archambault, P André LVMH Recherche 185, avenue de Verdun 45800 Saint Jean de Brave, France.

0275

EVALUATION OF ANTIOXIDANT POTENTIAL OF LEAVES EXTRACTS OF EUGENIA DYSENTERICA DC RC Béda, AP Balest, BC Reis, EC Silva Universidade de Brasília, Brazil.

0312

THERMAL BEHAVIOR OF ISOLATED HYDROLYZED RICE PROTEIN AND MIXTURED IN A COSMETIC FORMULATION <u>C Zanolini</u>, MM Almeida, VF Tavares, CRRC Lima, TS Botelho, JR Matos, MIRM Santoro, ERM Kedor-Hackmann Faculty of Pharmaceutical Science-University of São Paulo, Brazil.

0360

USE OF COCHLEARIA EXTRACT AS COSMETIC AGENT PROMOTING THE PROTEASOME ACTIVITY OF SKIN CELLS <u>R Fitoussi</u>, N André, K Vié, E Gooris Laboratoires Clarins, France.

040

DEVELOPMENT OF MODIFIED RANCIMAT SYSTEM FOR EVALUATION OF ANTIOXIDATIVE EFFECT SUITABLE FOR SKIN ESTIMATION

HY Park, HS Rho, DH Kim, HK Kim Amorepacific R&D Center, Korea.

PS C-9 - "New Materials and Formulations"

0040

THE PREPARATION AND CHARACTERIZATION OF TABULAR FEDOPED POTASSIUM LITHIUM TITANATE, AND ITS APPLICATION TO MAKE-UP COSMETICS

A Sumiyoshi¹, T Kumei¹, K Nishimoto², T Tanaka², X Liu³, MK Devaraju³, S Yin³, T Sato³

¹ Research Institute, Fancl Corporation, Japan. ² Research & Development, Daito Kasei Kogyo Co., Ltd, Japan. ³ Institue of Multidisciplinary Research for Advanced Materials, Tohoku University, Japan.

0050

SILICONE EMULSIFIERS: NEW DEVELOPMENTS AND FORMULATION CONCEPTS

<u>I Van Reeth</u>¹, B Durand², I Vervier², C Devalle², R Bao¹, Y Kaneta³ ¹ Dow Corning (Shanghai) Co., Ltd, China. ² Dow Corning Europe S.A, Belgium. ³ Dow Corning Toray, Japan.

0068

NEW GREEN BASED EMULSIFIER FOR ENVIRONMENTAL FRIENDLY EMULSIONS WITH IMPROVED SENSORY PROFILE (NO SOAPY EFFECT)

<u>A Roso</u>, J Shen, C Taillebois, J Guilbot, H Rolland, S Kerverdo SEPPIC. France.

0069

DEVELOPMENT OF COLD PROCESSABLE GLYCOLIPIDIC TEXTURING AGENTS

A Roso¹, C Amalric², R Marchand²

¹ SEPPIC, 127 Chemin de la Poudrerie, 81105 Castres, France. ² SEPPIC, 22 Terrasse Bellini, Paris la Défense, 92800 Puteaux, France.

0102

POWDER-GEL TECHNOLOGY: A UNIQUE APPROACH TO ACHIEVING YOUTHFUL FACIAL APPEARANCE BASED ON MORPHOLOGICAL CONTROL OF FOUNDATION LAYERS N Kurotani¹, T Igarashi¹, K Nakao¹, T Terada³, F Motoda², T Okamoto², YW Chen³

¹ Kao Corporation, Japan. ² Kyusyu Institute of Technology, Japan.

³ Ritsumeikan University, Japan.

0138

COMPLEX INTERACTIONS OF A HYPER-HASE POLYMER WITH ANIONIC AND NONIONIC SURFACTANTS

R. Gallequillos

Lubrizol Advanced Materials, Inc., USA.

0156

AN ADVANCED APPROACH FOR SKIN WHITENING /LIGHTENING REGULATION THROUGH THE INHIBITION OF A NEW INTRACELLULAR TARGET

E Loing, I Lacasse

Unipex Innovations, Canada.

0162

UNIQUE "GRADATION" MAKE-UP PRODUCTS WITH MULTI-LAYER MICROCAPSULES CONTAINING COLOR PIGMENTS Y Tomita

Daito Kasei Kogyo Co., Ltd., Japan.

0168

ANTIMICROBIAL ACTIVITY OF LYSOZYME FOR COSMETIC PRESERVATIVE PURPOSES

GW Ruas¹, FK Tamaki², SR Marana², TM Kaneko¹

¹ Department of Pharmacy, Faculty of Pharmaceutical Sciences, University of São Paulo, São Paulo, Brazil. ² Department of Biochemistry, Institute of Chemistry, University of São Paulo, São Paulo, Brazil.

0195

HIGHLY WATER DISPERSIBLE NOVEL HYBRID SURFACE TREATED PIGMENT

R Ishimura, T Tanaka

Daito Kasei Kogyo Co., Ltd., Japan.

0196

DEVELOPMENT AND CHARACTERIZATION OF A NEW GEL THICKENED NANOEMULSION SYSTEM FOR COSMETIC APPLICATIONS

<u>A Semenzato</u>¹, S Dall'Acqua¹, M Bettio¹, W Bertin², A Fratter²

¹University of Padova, Department of Pharmaceutical Sciences, Via Marzolo 5, Padova, Italy. ²Labomar srl - Via N.Sauro 35/I Istrana (TV), Italy.

0205

DETERMINATION OF PRESERVATIVE ACTION OF THE TOONA SINENSIS AS A NEW NATURAL ALTERNATIVE TO COSMETIC INDUSTRY BY CHALLENGE TEST METHOD ACORDING TO THE PROTOCOL OF THE UNITED STATES PHARMACOPEIA L Su

LS Natural Forever Cosmetics, Costa Rica.

0216

THE NOVEL BIO-ORIGIN, MANNOSYLERTHRITOL LIPID, SURFACE TREATED PIGMENTS AND ITS APPLICATION FOR MAKE-UP COSMETICS

K Nishimoto, C Liu, T Tanaka Daito Kasei Kogyo Co., Ltd., Japan.

0272

DEVELOPMENT OF A NOVEL HAIR VOLUMISING ACTIVE FOR RINSE OFF CONDITIONER FORMULATIONS: SYNTHESIS AND CLAIM SUBSTANTIATION

S Chahal, H Hine, N James

Croda Europe Ltd, United Kingdom.

0295

LIQUID CRYSTAL FORMATION IN COSMETIC FORMULATIONS CONTAINING CAMELLIA SINENSIS EXTRACT, VEGETAL BUTTER FROM AMAZON NATIVE PLANTS AND PHYSICAL FILTER MR Siani¹, NR Maciel¹, ECV Oliveira¹, VL Isaac¹², BG Chiari², PA Rocha-Filho¹

 $^1 \, \rm USP$ - Universidade de São Paulo, Brazil. $^2 \, \rm Unesp$ - Universidade Estadual Paulista, Brazil.

0315

DEVELOPMENT AND MECHANICAL CHARACTERIZATION OF POLYMERIC HYBRIDS FILM FORMERS

LA Chiavacci¹, LK Souza¹³, L Lopes², SH Pulcinelli², CV Santilli², VLB Isaac¹

¹ Faculdade de Ciências Farmacêuticas - UNESP, Brazil. ² Instituto de Química - UNESP, Brazil. ³ Johnson & Johnson Consumer Companies, Brazil.

0324

THICKENING AGENTS' INFLUENCE IN THE VISCOELASTICITY OF EMULSIFIED SYSTEMS

MAL Roriz¹, BG Chiari¹, DG Marcussi¹, A Salgado², HM Ribeiro², VLB Isaac¹

¹ Faculdade de Ciências Farmacêuticas - UNESP, Brazil. ² Faculdade de Farmácia da Universidade de Lisboa - FFUL, Portugal.

0383

IMPROVING FOR DRY SKIN THROUGH LAMELLAR STRUCTURE RECONSTRUCTION IN THE LOWER STRATUM CORNEUM <u>Y Takeyama</u>, M Kaji, T Imon, N Kida, T Yamazaki, T Maeda, N Kashibuchi, T Seto

Pola Chemical Industries, Inc., Japan.

039

COMPARATIVE ESTERIFIED GLUCOPOLYSACCHARIDES IN WATER-IN-OIL MICROEMULSIONS

AM Martín, ME González, C Etienot, G Urreaga, EM Salmoral Grupo de Ingeniería Bioquímica, Facultad de Ingeniería, Universidad de Buenos Aires, Paseo Colón 850 (1063) Buenos Aires (gib@fi.uba. ar), Argentina.

A NEW BIOPLASTIC EMULSION THAT BONDS CALCIUM TO COLLAGEN

SH Perez Damonte¹⁴, V Corcuera², A Ozols³, AM Martín², E Salmoral²

¹ Facultad De Ingenieria Uba, Argentina. ² Grupo De Ingeniería Bioquímica, Facultad de Ingeniería, Universidad de Buenos Aires, Argentina. ³ Grupo de Biomateriales para Prótesis, Instituto de Ingeniería Biomédica e INTECIN, Argentina. 4 CLAIM, Argentina.

0062

COSMETIC TESTS ON HUMAN SKIN MODELLS: REALITY AND VISIONS

W Voss, ID Bunge

Dermatest GmbH - Medical Research Company, Germany.

USE OF TETRADECYL AMINOBUTYROYLVALYLAMINOBUTYRIC UREA TRIFLUOROACETATE AS FIRMING IN COSMETIC PRODUCTS AND MEASUREMENT OF ITS EFFECTIVENESS IN THE ENHANCEMENT OF SKIN FIRMING

A Castro, J Cordero

Central University of Venezuela, Venezuela.

0104

GLOBAL ASSESSMENT OF THE EFFECT OF A TOPICAL TREATMENT ON STRETCH MARKS

C Baudouin¹, N Lachmann¹, D Naaimi¹, J Boutrouche¹, M Fischer², M Meloni³, F Menu¹, P Msika¹

¹ Laboratoires Expanscience, France. ² Pharmascan, France.

³ Vitroscreen, Italy.

0133

"REAL-LIFE SUN PROTECTION FACTOR" ESTIMATED BY NOVEL IN VITRO METHOD

Y Miura, H Mizuno, T Hirao, M Hatao Shiseido Co.,Ltd, Japan.

0154

PROTECTION AGAINST MICROCIRCULATION INCREASE OF AN ANTI-INFLAMMATORY CHALLENGED WITH TWO IRRITANTS COMPAIRED TO A NEGATIVE CONTROL BY LASER DOPPLER

IMN Salgado-Santos, FD Sarruf, AS Nunes IBP-EVIC Brasil, Brazil.

0254

MECHANICAL PROPERTIES AND SURFACE FEATURES OF HAIR FROM SELECTED GLOBAL REGIONS

TC De Sá Dias¹, CF Freitas¹, A Gomes¹, V Verhelst², N Wautier², S Postiaux²

¹ Dow Corning Latin America, Brazil. ² Dow Corning Europe S.A., Belgium.

ON THE PATH TO BETTER SELF-TANNING PRODUCTS: QUALITATIVE AND QUANTITATIVE CONSUMER MARKET RESEARCH AND DEEPER UNDERSTANDING OF THE CHARACTERISTICS OF SELF TANNING INGREDIENTS PAVE THE WAY TO IMPROVED SELF-TANNING CONSUMER PRODUCTS D Lenz¹, J Vollhardt¹, H Moser³, D Imfeld³

¹ DSM Nutritional Products Ltd., P.O. Box 2676, CH-4002 Basel, Switzerland. ³ DSM Nutritional Products Ltd. Branch Pentapharm, Dornacher Str. 112, 4147 Aesch, Switzerland.

CRITICAL ANALYSIS OF QUALITY EFFICACY STUDIES FOR COSMETICS PRODUCTS IN BRAZIL

JA Costa, ACFG Araujo, CS Coelho, EF Costa, EC Freitas, MS Garcia, MD Klein, LS Machado, AN Mello

National Health Surveillance Agency (Anvisa), Brazil.

0299

INFLUENCE OF VARIOUS ENVIRONMENTAL PARAMETERS ON SWEAT GLAND ACTIVITY

R McMullen, T Gillece, C Zhu, G Lu, DJ Moore ISP. USA.

0326

CLINICAL EVALUATION OF A DIOIC ACID-BASED FORMULATION IN A DARK-SKINNED POPULATION

E Merinville¹, AJ Byrne², J Gillbro¹, L Visdal-Johnsen¹, GMC Bouvry², AV Rawlings3, AC Laloeuf1

¹ Oriflame Cosmetics AB, Skin Research Institute, Stockholm, Sweden. ² Oriflame R&D Centre, Dublin, Ireland. ³ AVR Consulting Ltd, Northwich, Cheshire, United Kingdom.

0032

THE LYMPHATIC AND BLOOD VASCULAR SYSTEM THAT ARE RESPONSIBLE FOR THE BASIS OF SKIN

M Sawane¹, H Yamanishi¹, M Ota¹, N Takakura², JH Chung³, K Kajiya¹ ¹ Shiseido Research Center, Yokohama, Japan. ² Research Institute for Microbial Diseases, Osaka University, Suita, Japan. ³ Seoul National University College of Medicine, Seoul, Korea.

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THE EPIDERMAL BASAL CELLULAR LAYER ENVIRONMENT AND THE PROTEINS OF THE CHROMOSOMAL PASSENGER COMPLEX ARE TOGETHER INVOLVED IN THE HOMEOSTASIS AND PROTECTION OF THE SOMATIC STEM CELLS OF THE EPIDERMIS I Imbert, JM Botto, F Labarrade, L Bergeron, C Meyrignac, C Serre, A Lebleu, C Dal Farra, N Domloge ISP Vincience, Sophia-Antipolis, France.

ANTI-AGING EFFECTS OF SUPEROXIDE REDUCTION IN SKIN BY THE APPLICATION OF SPECIFIC INHIBITORS OF AGE-RELATED NADH OXIDASE (ARNOX)

DG Kern¹, CA Meadows², BB Fuller³, HE Knaggs¹, DM Morre², DJ Morre² Nu Skin Enterprises, Inc., USA. 2 NOX Technologies, Inc., USA. ³ University of Oklahoma, USA.

0077

PROANTHOCYANIDINS, GAMMA-TOCOTRIENOL AND NIACIN MIXTURES AS A PREVENTION AGAINST UVA STRESS F Balaguer, M Recasens, M Gadea, D Panyella, J Ginestar Puig Research Centre, Spain.

0108

PROTECTIVE EFFECTS OF ROSE MYRTLE EXTRACT AGAINST UV-INDUCED DAMAGE

H Iwahashi, Y Kawashima, N Ohto, Y Zhou, T Aoyama, T Murakami, K Yashiki, A Kiso

Research Center, Maruzen Pharmaceuticals Co., Ltd., 1089-8 Sagata Shin-ich Fukuyama Hiroshima, 729-3102, Japan.

FIBROBLAST METABOLIC ACTIVATION ACCOUNTS FOR DECARBOXYCARNOSINE TENSILE PROPERTIES IN DERMAL **FOUIVALENT**

JF Nicolay, M Frechet, B Morand, C Golebiewski Exsymol, Monaco.

0126

PLANT STEM CELLS PROTECT SKIN PROGENITOR CELLS AGAINST UV DAMAGE I Montaño, D Schmid, F Zülli Mibelle Biochemistry, Switzerland.

0176

HISTOLOGIC, VISUAL, AND IMAGE CHARACTERIZATION OF PHOTOAGED SKIN IN CHINESE AND CAUCASIAN SUBJECTS SS Hawkins¹, J Carlson¹, W Shingleton², L Feng¹, ZX Jiang¹, H Meldrum¹ ¹ Unilever R&D, USA. ² Unilever R&D, United Kingdom.

A NOVEL APPROACH TO TRANSDERMAL DRUG DELIVERY IN THE TREATMENT OF SKIN AGING: SELF-DISSOLVING MICRONEEDLE CONTAINING RETINYL RETINOATE $\underline{H\ Kim}^{1\,2}$, Y Quan³, F Kamiyama³, W Lee⁴, S Jung⁴, J Kim¹, G Lee¹, S Kim¹, J Kim¹, B Kim¹, J Lee¹, H Ryoo¹, H Jung² ¹ Enprani Co., Ltd.Shinhung-dong, Chung-gu, Inchon, 400-103, Korea. ² Yonsei University, 134 Shinchon-dong, Seodaemun-gu, Seoul, 120-749, Korea. ³ CosMED Pharmaceutical Co.,Ltd. Kajiicho, Kamigyo-ku, Kyoto, 602-0841, Japan. ⁴ Ellead Skin Research

Center, Seohyun-dong, Bundang-ku, Sungnam, 463-824, Korea.

TWO PLANT EXTRACTS OF ACHILLEA MILLEFOLIUM AND PRUNUS SPINOSA IMPROVE EPIDERMAL DIFFERENTIATION THROUGH RESTORATION OF LIGAND-RECEPTOR BALANCE OF POMC FAMILY S Pain, C Altobelli, L Cittadini, M Favre-Mercuret, B Vogelgesang, V André-Frei

BASF Beauty Care Solutions, France.

0335

NON-ENZYMATIC GLYCATION OF PROTEINS DECREASES AT ACIDIC PH AND THE EFFECT IS AMPLIFIED IN THE PRESENCE OF BAY CEDAR EXTRACT AND ALPHA-HYDROXY ACIDS A D'Arcangelis¹, P Bhatt¹, R Diez¹, C Mahe², C Lasserre¹ ¹Chanel, Inc., USA. ²Chanel SA, France.

WEDNESDAY, SEPTEMBER 22, 2010 15:45 - 16:45 SAN TELMO ROOM

0014

A NOVEL COSMETIC INGREDIENT FOR WHITENING AGENT FROM ENZYME TREATED TARTARY BUCKWHEAT BUD EXTRACT YK Do, M Jeon, HS Lee, JW Cheon ACT Co.,Ltd., Korea.

HOW CAN WE EASILY DO HAIR COLORING AT HOME WITH FUN? TRY FOAM HAIR COLOR! M lijima, T Matsuo, K Kaneko

Kao Corporation, Japan.

0105

STABILIZATION OF BIOACTIVE MOLECULES WITH INORGANIC-BASED SYSTEM FOR COSMETIC APPLICATIONS J-E Kim¹, J-H Yang², H-K Kim¹, Y-S Han², JW Lee¹, GJ Lee¹, S-J Kim¹, HJ Kim¹, JD Lee¹

¹ Enprani Co., Ltd., 40-2, 3Ga, Shinhung-Dong, Chung-Gu, Inchon, 400-103, Korea. ² Nanospace Co. Ltd., 1123, Shingil-dong, Danwon-gu, Ansan, Gyeonggi-do, 425-839, Korea.

0107

MASLINIC: NEW MOLECULE FOR SKIN REGENERATION E Girones, E Grau

Sociedad de Quimicos Cosmeticos España, Spain.

LAUREATE STARCH ESTER AS ADDITIVE IN WATER-IN-OIL **EMULSIONS**

AM Martin¹, ME Gonzalez³, C Etienot³, N Gavioli², EM Salmoral³ ¹ Grupo Ingeniería Bioquímica, Facultad de Ingeniería, Universidad de Buenos Aires. ² Asociación Argentina de Químicos Cosméticos, Argentina. 3 Grupo Ingeniería Bioquímica, Facultad de Ingeniería, Universidad de Buenos Aires, Argentina.

0197

EPIDERMAL LIPID MICROPARTICLES: A NEW INGREDIENT FOR SKIN CARE PRODUCTS

A Semenzato¹, P Caliceti¹, S Francescato¹, AC Cortese², G Baratto² University of Padova, Department of Pharmaceutical Sciences, Via Marzolo 5, Padova, Italy. ²UNIFARCO S.p.A., Via Cal Longa 62, Santa Giustina (BL), Italy.

SYNTHESIS OF A NOVEL DE-PIGMENTATION AGENT AND ITS POSSIBLE WHITENING MECHANISM IN SKIN HS Lee¹, DY Lee¹, J Min¹, JW Cheon^{1 2}, N Geum² ¹ R&D Center, ACT Co., Ltd., Korea. ² Dankook University, Korea.

ANTIOXIDATIVE AND ANTIMICROBIAL ACTIVITIES OF ONION (ALLIUM CEPA) PEEL EXTRACTS AND ANTIMICROBIAL ACTIVITY OF THE EXTRACT-CONTAINING EMULSION SN Park, MK Kang, JE Kim

Seoul National University of Technology, Korea.

EFFICACY OF BOTANICAL EXTRACTS APPLICATION IN HUMAN HAIR A Benaiges¹, B Martínez-Teipel¹, R Armengol¹, C Barba², L Coderch² Provital, Spain. ² Instituto de Química Avanzada de Cataluña, IQAC-CSIC, Spain.

0258

STUDY OF PHYSICAL-CHEMICAL STABILITY IN CONTAMINATED CONDITIONERS BY BACTERIA PC Ricarte, LC Cefali, VLB Isaac, HRN Salgado UNESP - School of Pharmaceutical Sciences, Brazil.

DEVELOPMENT OF ANTIMICROBIAL AND ANTIOXIDANT GEL INCORPORATE WITH HYDRO-ALCOHOLIC EXTRACTS OF THE LEAVES OF PSIDIUM GUAJAVA L. (MYRTACEAE) PC Martini¹², JL Ribeiro¹, LP Silva¹, K Guimaro¹, DC Michelin¹, FF Navarro¹²

¹ Centro Universitário Hermínio Ometto - UNIARARAS, Av. Dr. Maximiliano Baruto, 500, 13607-339, Araras, Brazil. ² Programa de Pós-Graduação em Ciências Farmacêuticas, Faculdade de Ciências Farmacêuticas, UNESP, Caixa Postal 502, 14801-902, Araraguara, Brazil.

PHYTOCHEMICAL STUDY AND ANTIOXIDANT ACTIVITY EVALUATION OF BOTANICAL EXTRACTS USED IN COSMETIC **FORMULATIONS**

TS Balogh¹, NM Esteves-Pedro¹, CA Pedriali¹, RM Gama¹, CASO Pinto¹, EM Bacchi², A Salatino³, MLF Salatino³, TM Kaneko¹, AR Baby¹, MVR Velasco¹

¹Laboratory of Cosmetology, Department of Pharmacy, School of Pharmaceutical Sciences of University of São Paulo, Brazil. ² Laboratory of Pharmacognosy, Department of Pharmacy, School of Pharmaceutical Sciences of University of São Paulo, Brazil. ³ Biology Institute of University of São Paulo, Brazil.

INFLUENCE OF SILICONE ADDITION ON STABILITY AND FORMATION OF EMULSIONS CONTAINING MAURITIA FLEXUOSA OIL, BIXA ORELLANA OIL AND LIQUID CRYSTALS OP Rocha¹, EC Oliveira¹, NR Maciel¹, BG Chiari², VL Isaac², PA Rocha Filho1

¹ Faculty of Pharmaceutical Sciences of Ribeirão Preto - University of São Paulo, FCFRP-USP, Ribeirão Preto, São Paulo, Brazil. ² Faculty of Pharmaceutical Sciences of Araraguara - São Paulo State University, FCFAR-UNESP, Araraquara, São Paulo, Brazil.

0310

EVALUATION OF THE RELEASE OF P. GUAJAVA EXTRACT FROM A COSMETIC FORMULATION BG Chiari, MA Corrêa, VLB Isaac

Faculdade de Ciências Farmacêuticas - UNESP, Brazil.

LIQUID CRYSTAL FORMATION IN OIL / WATER FORMULATION CONTAINING GLICOLIC ACID: THE INFLUENCE OF ARAXÁ'S RADIOACTIVE MINERAL WATER

<u>IR Fuccio</u>¹, EC Oliveira¹, NR Maciel¹, BG Chiari², VL Isaac², PA Rocha Filho¹

¹ Faculdade de Ciências Farmacêuticas de Ribeirão Preto -Universidade de São Paulo, Ribeirão Preto, Brazil. ² Faculdade de Ciências Farmacêuticas de Araraquara- Universidade Estadual Paulista. Araraquara. Brazil.

0328

ACCELERATED STABILITY OF DENTIFRICE GELS CONTAINING ESSENCIAL OIL OF BRAZILIAN CHERRY

HMS Ralha, VLB Isaac

Faculdade de Ciências Farmacêuticas - UNESP - Araraquara/SP, Brazil.

0332

ACNE GEL FORMULATED WITH MELALEUCA ALTERNIFOLIA ESSENTIAL OIL FREE FROM SYNTHETIC PRESERVATIVES KC Souto¹, PO Delgado¹, FM Alves¹, EMC Marcondes¹, VR Leite-Silva²¹ Universidade Anhembi Morumbi, Brazil. ² ISIC - Instituto Schulman de Investigação Científica, Brazil.

0342

DEVELOPMENT OF FORMULATION ANTI-AGING WITH PERSEA GRATISSIMA (AVOCADO) OIL

 $\underline{PC\ Martini^{1\,2}}, RT\ Costa^{1}, CC\ Franchini^{1}, FF\ Navarro^{1\,2}, DC\ Michelin^{1}, CM\ Franzini^{1\,2}$

¹ Centro Universitário Hermínio Ometto - UNIARARAS, Av. Dr. Maximiliano Baruto, 500, 13607-339, Araras, Brazil. ² Programa de Pós-Graduação em Ciências Farmacêuticas, Faculdade de Ciências Farmacêuticas, UNESP, Caixa Postal 502, 14801-902, Araraquara, Brazil.

0379

ANTIOXIDANT ACTIVITY OF PHYTOCOSMETIC
<u>VLB Isaac</u>, LC Cefali, HRN Salgado
Faculdade de Ciências Farmacêuticas - UNESP. Brazil.

0380

QUALITY CONTROL OF COSMETICS FOR SAXS AND RHEOLOGIE <u>V Isaac</u>, BG Chiari, JDD Moraes, LA Chiavacci, MA Corrêa Faculdade de Ciências Farmacêuticas da UNESP, Brazil.

0390

ESTERIFIED AMYLOSE IN WATER-IN-OIL EMULSION

EM Salmoral, AM Martín, ME González, C Etienot, G Urreaga

Grupo de Ingeniería Bioquímica, Facultad de Ingeniería, Universidad de

Buenos Aires, Paseo Colón 850 (1063) Buenos Aires (gib@fi.uba.ar),

Argentina.

PS C-13 - "Cosmetic Perfomance through Sensorial Appeal"

0009

EMOTIONAL MEASUREMENTS OF MENTHOL - SHAMPOO ON THE BASIS OF FRACTAL ANALYSIS OF EEG <u>K Hashimoto</u>¹, T Maruyama², S Ueda¹, M Nakagawa²

¹ Sunstar Inc., Japan. ² Nagaoka University of Technology, Japan.

0066

PERCEPTUAL EFFECTS UTILIZING SPATIOTEMPORAL PROPERTIES OF SIGHT BY NARROWING SPECULAR COMPONENT

Y Ishiguro, T Okuura, O Hirose, H Asano, S Nakata Research Laboratories, Nippon Menard Cosmetic Co., Ltd., Japan.

0079

HOW TONUS CAN BE STIMULATED BY ODOR ? <u>A Abriat</u>¹, N Louvet¹, ARND Aubert²

¹ L'Oréal Recherche, France. ² Université de Tours, France.

0150

IMPACT OF LAVENDER ESSENTIAL OIL IN A SKINCARE PRODUCT ON COGNITIVE PERFORMANCE

<u>E Loescher</u>¹, R Nicolas¹, E Segot-Chicq¹, S Guilbaud², M Richard², A Aubert³

¹L'Oréal Recherche, Chevilly-Larue, France. ²Laboratoire Sanoflore, Gigors-et-Lozeron, France. ³DESCO, Faculté des Sciences, Tours, France.

0157

IMPACT OF CHINESE, FRENCH AND JAPANESE CULTURAL SPECIFICITIES ON ASSESSING COSMETIC PRODUCTS USING SENSORY AND EFFICIENCY EVALUATIONS N. Wantz¹, JM Sieffermann², M Danzart2, G Gazano¹ LVMH Recherche, France. ² Laboratoire Perception Sensorielle et Sensométrie, AgroParisTech-Massy, France.

0161

SILICONES AND NATURAL INGREDIENTS AS TEXTURE AND SENSORY MODIFIERS IN COSMETIC SYSTEMS DF Almeida, F Tachinardi, AL Gomes Dow Corning do Brasil Ltda., Brazil.

0244

SILHOUETTE PERCEPTION OF NON-OVERWEIGHT HEALTHY WOMEN: INFLUENCE OF BMI, AGE AND ETHNICITY S. Schnebert, A Bernois, C Heusele LVMH Recherche. France.

0282

A NEW SENSORY TECHNIQUE TO INVESTIGATE THE CONSUMER PERCEPTIVE WORLD: THE "USE FLASH" <u>S Ballay</u>¹, N Bensimon¹, JM Sieffermann², M Danzart², G Gazano¹ LVMH Recherche, France. ² Laboratoire Perception Sensorielle et Sensometrie, AgroParisTech-Massy, France.

0308

IMPACT OF CHINESE AND JAPANESE CULTURAL SPECIFICITIES ON SENSORY AND EFFICIENCY PERCEPTION OF CREAMS AND SERI IMS

N Wantz¹, M Danzart², JM Sieffermann², G Gazano¹ LVMH Recherche, France. ² Laboratoire Perception Sensorielle et Sensométrie, AgroParisTech-Massy, France.

0392

COSMETICS AND EMOTIONS: A TOOL FOR IMPROVING CONSUMER SATISFACTION

ME Parente, AV Manzoní, G Ares
Facultad de Química, Uruguay.

0401

INFLUENCE OF NAME ON CONSUMERS' EXPECTATIONS OF A BATH FOAM

ME Parente¹, G Ares¹, S Perez Damonte², AV Manzoní¹ Facultad de Química, Uruguay. ² Claim, Argentina.

PS C-14 - "Anti-aging Research: What is New?"

0011

A NEW LOOK AT SKIN AGING: ADVANCED GLYCATION END PRODUCTS (AGES) IN THE STRATUM CORNEUM T Gomi, K Nishikawa, A Tada Pola Chemical Industries, Inc., Japan.

0035

STUDY OF COSMETIC WHITENING EFFECT AND ANTIBACTERIAL ACTIVITY COMPONENT IN THE PEEL OF DRIED PERSIMMON (DIOSPYROS KAKI THUNB.)

M Nomura, T Nomura

Takaya, Higashihiroshima, Japan.

PROLIFERATION AND PRO-COLLAGEN SYNTHESIS STIMULATION IN HUMAN FIBROBLASTS FOLLOWING IRRADIATION WITH HAND-HELD LIGHT-EMITTING DIODE DEVICES

M Recasens, M Gadea, B Garcia, D Panyella, J Ginestar Puig Research Centre, Spain.

0217

NEW GREEN ANTI-AGING MATERIAL: PROPERTIES AND ACTIVITIES OF THE SYNTHESIZED POLY(ASPARTIC ACID) DERIVATIVES USING L-LYSINE HG Ji³, ST Oh², CK Lee¹, SK Park²

1 College of Pharmacy, Chungbuk National University, Cheongju 361-763. Korea. ²Cosmecca. R&D Center. Korea.

³H&A PharmaChem, R&D center, Bucheon-city, 421-808, Korea.

0229

TRANSIT AMPLYFYING (TA) STEM CELL COULD HELP IN FIGHTING AGAINST ANTI-AGING - NEW APPROACH TO ANTI-AGING SKIN CARE

<u>S Takayama</u>¹, K Tanaka¹, K Ito¹, Y Aoyama², T Kunisada³, A Iddamalgoda¹¹Research & Development Dept., Ichimaru Pharcos Co., Ltd., 318-1 Asagi, Motosu, Gifu,, Japan. ²Dermatology, Okayama University, 2-5-1 Shikada, Kitaku, Okayama,, Japan. 3 Tissue and Organ Development Dept., Gifu University, 1-1 Yanagido, Gifu, Japan.

0302

5,7-DIHYDROXY-3-METHYLCHROMONE: AN ANTI-WRINKLE INGREDIENT WITH RETINOL-LIKE ACTIVITY <u>C Carola</u>, R Graf, C Wirth Merck KGaA, Germany.

0325

FLEUR D'OR EXTRACT IMPARTS MULTIPLE ACTIVITIES TO DETOXIFY, RENEW, AND ENERGIZE HUMAN EPIDERMAL KERATINOCYTES P. Bhatt, A D'Arcangelis, E Fedorova, J Namkoong, C Lasserre Chanel, Inc., USA.

0389

EVALUATION OF EXTRACTS AND FRACTIONS OBTAINED FROM THE SPONDIAS LUTEA L. (AMBARELLA) FOR INCORPORATION IN FITOCOSMETICS

<u>URS Oliveira</u>¹², VLB Isaac¹, RRD Moreira¹, MA Corrêa¹ Faculdade de Ciências Farmacêuticas da UNESP. Rodovia Araraquara - Jaú km 1, CEP 14800-850, Araraquara, São Paulo, Brazil. ² Centro Universitário de Araraquara, UNIARA, Brazil.

PS C-15 - "Environment-friendly Cosmetics

0018

EXTRACTION, CHARACTERIZATION, EVALUATION AND FORMULATION OF CHENOPODIUM QUINOA HUSK FOR COSMETICS APPLICATIONS

<u>I Terrisse</u>, P Lartaud, H Mercat, B Bonnet, B Boussouira, S Trouille, J Xu, F Gautier, M Leonard, P Peyon, C Marion L'OREAL, France.

0031

NEW COMPACT HAIR CONDITIONER EFFICIENTLY PROMOTES TO REDUCE CO2 EMISSIONS IN THE EARTH K. Kinoshita, K. Kurokawa, R. Miyahara Shiseido Research Center, Japan.

0159

FRIENDLY ENVIRONMENTAL HERBAL PRESERVATIVES IN COSMETICS ML Clavin, SA Teves, JJ Degrossi, VS Martino, M D'Aquino Facultad Farmacia y Bioquímica Universidad de Buenos Aires, Argentina.

0180

LOW-ENERGY EMULSIFICATION VIII: REDUCING CARBON FOOTPRINT AND IMPROVING PRODUCT QUALITY TJ Lin¹, AY Han²

¹TJL Associates, USA. ²Cosmowiki.com, China.

0270

TRANSPORT OF TIO2 NANOPARTICLES IN RIVER SYSTEMS: CHARACTERIZATION AND IMPLICATIONS FOR ENVIRONMENTAL IMPACT AND HEALTH RISK ASSESSMENTS

M Fidalgo de Cortalezzi¹, L Bertini², V Aude Luppi², J Ren³

¹ Instituto Tecnológico de Buenos Aires - CONICET, Argentina.

² Instituto Tecnológico de Buenos Aires, Argentina.

³ Texas A&M University - Kingsville, USA.

THURSDAY, SEPTEMBER 23, 2010 10:50 - 11:50 SAN TELMO ROOM

PS C-16 - "Advances in Cosmetic Manufacture and Control Equipment"

0134

CHALLENGE TEST: FOUR DIFFERENT METHODOLOGIES FOR COUNT IN STOCK SOLUTIONS

<u>A Balaguer</u>, R Del Campo, P Cuadrado
RNB Cosméticos, Spain.

0136

AVOIDING TOXIC SOLVENTS IN LIQUID CHROMATOGRAPHY METHODS. APPLICATION TO THE DETERMINATION OF VITAMIN E ACETATE AND METHYL NICOTINATE

<u>A Balaguer</u>, S Talamantes, N Durán-Giner, MC Romero, P Cuadrado RNB Cosméticos. Spain.

0137

DETERMINATION OF UREA IN COSMETICS USING LIQUID CHROMATOGRAPHY WITH ULTRAVIOLET DETECTION AFTER A DERIVATIZATION STEP

<u>A Balaguer</u>, N Durán-Giner, S Talamantes, P Cuadrado RNB Cosméticos, Spain.

0139

STUDY OF THERMAL DEGRADATION OF PRESERVATIVES <u>A Balaguer</u>, N Durán-Giner, MC Romero, S Talamantes, P Cuadrado RNB Cosméticos, Spain.

0144

STUDY OF THERMAL AND PHOTOINDUCED DEGRADATION OF DIHYDROXYACETONE AND ERYTHRULOSE

<u>A Balaguer</u>, N Durán-Giner, S Talamantes, P Cuadrado RNB Cosméticos, Spain.

0158

RHEOLOGICAL AND THERMOGRAVIMETRIC BEHAVIOR OF EMULSION SYSTEMS DEVELOPED WITH ETHOXYLATED SURFACTANTS

PS Prestes¹, CSP Spegiorin¹, TS Balogh¹, CASO Pinto¹, P Gimenes², EPG Arêas², JR Matos², AM Oliveira³, TM Kaneko¹, MVR Velasco¹, AR Baby¹

¹ Faculdade de Ciências Farmacêuticas da Universidade de São Paulo - São Paulo/SP, Brazil. ² Instituto de Química da Universidade de São Paulo - São Paulo/SP, Brazil. ³ Instituto de Pesquisas Tecnológicas - São Paulo/SP, Brazil.

0249

DETERMINATION OF PARTICLE-SIZE IN EMULSIFIED SYSTEMS BY OPTICAL COHERENCE TOMOGRAPHY (OCT) AND LASER DIFFRACTION

CSP Spegiorin¹, PS Prestes¹, CASO Pinto¹, R Guardani², AZ Freitas³, TM Kaneko¹, MVR Velasco¹, AR Baby¹

¹ School of Pharmaceutical Sciences, University of São Paulo, São Paulo/SP, Brazil. ² Politechnic School, University of São Paulo, São Paulo/SP, Brazil. ³ Institute of Energy and Nuclear Research, São Paulo/SP, Brazil.

DEVELOPMENT AND CHARACTERIZATION OF LIQUID CRYSTALLINE SYSTEMS

<u>SA Monteiro E Silva</u>, CO Lopes De Oliveira, GR Leonardi Universidade Metodista de Piracicaba. Brazil.

0321

BENZOPHENONE-3 AND AVOBENZONE STABILITY IN O/W EMULSIONS FOR SUNSCREEN PRODUCTS A Segall, R Ceresole, M Asero, MA Rosasco, K Manco Facultad de Farmacia y Bioquímica, Argentina.

0340

THERMAL ANALYSIS OF AVOBENZONE AND EVALUATION OF THE COMPATIBILITY WITH EXCIPIENTS <u>A Segall</u>, MA Rosasco, R Ceresole Facultad de Farmacia y Bioquímica, Argentina.

0349

THERMOANALYTICAL CHARACTERIZATION OF BOTANICAL EXTRACTS FOR COSMETIC PURPOSE

<u>TS Balogh</u>¹, PS Prestes¹, CA Pedriali¹, NM Esteves-Pedro¹, RM Gama¹, CASO Pinto¹, AM Oliveira², KL Guimarães², NNP Cerize², JR Matos³, TM Kaneko¹, AR Baby¹, MVR Velasco¹ ¹ Laboratory of Cosmetology, Department of Pharmacy, School of Pharmaceutical Sciences of University of São Paulo, Brazil. ² Institute for Technological Research, Brazil. ³ Chemistry Institute of University of São Paulo, Brazil.

PS C-17 - "Assesment of Cosmetic Efficacy"

0063

COSMETICS AND SENSITIVE SKIN W Voss, ID Bunge
Dermatest GmbH Medical Resarch Organization, Germany.

0186

INHIBITORY EFFECTS OF A NOVEL NIACIAMIDE DERIVATIVE, N-NICOTINOYL TYRAMINE ON MELANOGENESIS <u>SM Lee</u>¹, JE Kim¹, BR Kim¹, MK Kim², H Kim¹, JD Lee¹ Enprani Co.LTD, Korea. ² Samkyung Costech Co. Ltd, Korea.

0190

NEW APPROACH TO A NON-INVASIVE VISUALIZATION OF SLIMMING EFFECTS IN ASSESSMENT OF SIDE IN ABDOMEN USING PHOTO-GRADING AND IMAGE ANALYSIS <u>GW Nam</u>¹, JS Koh², SM Ahn¹, HK Kim¹

¹ Skin Research Institute, Amore-Pacific Corporation/ R&D center, Korea. ² Skin Research Institute, Dermapro R&D center, Korea.

0191

NEW APPROACH TO OBJECTIVE VISUALIZED ASSESSMENT OF FIRMING EFFECTS IN BREAST USING PHOTO-ANALYSIS <u>GW Nam</u>¹, JS Koh², JY Han¹, SM Ahn¹, HK Kim¹

¹ Skin Research Institute, Amore-Pacific Corporation/ R&D center, Korea. ² Skin Research Institute, Dermapro R&D center, Korea.

0192

RELATIONSHIP BETWEEN COSMETIC COMPOSITION AND FACIAL SKIN REMAINING CONTENTS IN SENSORY RELATED WITH MOISTURIZATION WITHIN 24 HOURS JY Han, GW Nam, SM Ahn, HK Kim

Skin Research Institute, Amore-Pacific Corporation/ R&D center, Korea.

0203

HISTOLOGICAL EVALUATION OF THE SKIN AFTER EXPOSITION TO THE FORMULATIONS CONTAINIG DIMETHYLAMINOETHANOL M Chorilli¹, G Guimarães², PS Prestes², GR Leonardi², G Garcia², MS Pires-de-Campos², ML Polacow²

¹ Faculdade de Ciências Farmacêuticas de Araraquara (FCFar/UNESP), Araraquara - SP, Brazil. ² Universidade Metodista de Piracicaba, Piracicaba - SP, Brazil.

0247

THE EFFECT OF A TOPICALLY APPLIED COSMETIC OIL ON MELASMA IN NEGROID AND CAUCASIAN WOMEN M Lategan, B Summers
University of Limpopo Medunsa Campus, South Africa.

0307

EVALUATION OF HAIR SOFTNESS - TEXTURE ANALYZER AND DYNAMIC MECHANICAL ANALYZER T. Gao, T. Mei, P. Landa. Croda Inc, USA.

0339

EVALUATION OF THE THICKNESS OF THE EPIDERMIS AFTER EXPOSITION TO THE AQUEOUS AND HYDROALCOHOLIC BASES AND EMULSION

M Chorilli¹, MLO Polacow², GR Leonardi²

 $\bar{\ }^1$ São Paulo State University, Brazil. 2 Universidade Metodista de Piracicaba, Brazil.

0341

EVALUATE THE CREAM WITH PEARL POWDER ASSOCIATED, OR NOT, WITH SHIATSU TECHINIQUE IN PERIORBITAL WRINKLES REDUCTION

CO Lopes De Oliveira, SA Monteiro E Silva, RML Fontes, GR Leonardi Universidade Metodista de Piracicaba, Brazil.

035

PRE-CLINICAL AND CLINICAL STUDIES OF COSMETIC FORMULATION CONTAINING RETINYL PALMITATE NR Aguiar Junior, MLC Gomes, FB Camargo Junior, LR Gaspar, PMBG Maia Campos. University of Sao Paulo, Brazil.

0353

INFLUENCE OF ISOPROPYL MYRISTATE IN THE ACTION OF EXTERNALLY APPLIED VITAMIN K1 ON THE SKIN PH AND COLOR OF ERYTHEMA IN SKINS WITH ROSACEA ME Posternak, SH Perez Damonte

Facultad de Farmacia y Bioquímica, Universidad de Buenos Aires, Argentina.

0397

RANDOMIZED, DOUBLE-BLIND STUDY ON THE CLINICAL EFFICACY OF O/W EMULSIONS CONTAINING ALPHA-LIPOIC ACID WITH AND WITHOUT ASCORBYL PALMITATE RELATED TO SENSITIVE SKIN

S Perez Damonte¹, M Baptista², MA Moyano³, A Segall³
¹ CLAIM,, Argentina. ² Dept. Biochemistry, Institute of Chemistry, University of São Paulo, Brazil. ³ Cátedra de Control de Calidad de Medicamentos, Facultad de Farmacia y Bioquímica, Universidad de Buenos Aires, Argentina.

PS C-18 - "Care of Hair, Nails and Skin"

0090

SKIN AND HAIR EFFICACY OF INTERNAL WOOL LIPID LIPOSOMES RICH IN CERAMIDES L. Coderch, S Méndez, R Ramirez, M Martí, JL Parra Instituto de Química Avanzada de Cataluña, IQAC-CSIC, Spain.

0100

PATAGONIAN PEAT PREPARATION FOR HAIR AND SCALP COSMETIC TREATMENT: MICROBIOLOGICAL EXAMINATION ML Bovcon¹, S Teves², MA Cisterna¹, J Degrossi², A López de Volder² ¹ Cabello y Salud, CADC., Argentina. ² Facultad de Farmacia y Bioquimica, (UBA), CABA, Argentina.

0103

WATER SORPTION OF HAIR AND NAILS TREATED WITH WOOL KERATIN PROTEINS AND PEPTIDES <u>C Barba</u>¹, M Martí¹, A Roddick-Lanzilotta², AM Manich¹, J Carilla¹, JL Parra¹, L Coderch¹

¹ IQAC (CSIC), Spain. ² Agresearch, New Zealand.

INNOVATIVE LIPID NANOSTRUCTURED SYSTEM FOR SKIN CARE G Rodriguez¹, L Rubio¹, M Cocera², C López-Iglesias³, L Coderch¹, JL Parra1, A de la Maza¹, O López¹

- ¹ Dept of technical of technology and surfactans, IQAC-CSIC, Spain.
- ²BM16, European Synchrotron Radiation Facility, France.
- ³ Science park of Barcelona, Spain.

0167

PHOTODAMAGE IN WHITE HUMAN HAIR MRichena, ACS Nogueira, I Joekes Institute of Chemistry - Universidade Estadual de Campinas - UNICAMP, Brazil.

0201

FLUORESCENCE MICROSCOPY APPLIED TO STUDY HAIR TYPE AND EFFECT OF PH, LIGHT IRRADIATION AND BIOPOLYMER ADSORPTION

O Chiarelli Neto, D Severino, MS Baptista Universidade de São Paulo, Brazil.

0212

GEL EXTRACT SANGRE DRAGO (JATROPHA DIOICA), EFFECTIVE THAT SLOW THE ALOPECIA (BALDNESS) AS TRADITIONAL MEDICINE <u>R. Mejia Rojas</u>, MI Ocampo Cruz, T Izquierdo Sanchez, MLL Pérez González

Universidad Autónoma Metropolitana Unidad Xochimilco, Mexico.

0350

EVALUATION OF HAIR DAMAGE TREATED WITH OXIDATIVE HAIR DYE UNDER INFLUENCE OF CONDITIONERS AGENTS RM Gama¹², TS Balogh², S França², TCS Dias², V Bedin³, VO Consiglieri², TM Kaneko², AR Baby², MVR Velasco² ¹ Course of Pharmacy, University of Santo Amaro, Brazil. ² Faculty of Pharmaceutical Sciences, University of São Paulo, Brazil. ³ Healthy Skin Foundation and Hair and Skin Research and Treatment Institute, Brazil.

0362

GEL WITH EXTRACT ESPINOSILLA (LOESELIA MEXICANA) USED BY TRADITIONAL MEDICINE FOR DELAY THE ALOPECIA MI Ocampo Cruz, R Mejia Rojas, T Izquierdo Sánchez, MLL Pérez González

Universidad Autónoma Metropolitana Unidad Xochimilco, Mexico.

0404

WOOL INDUSTRY STANDARD METHODS APPLIED TO HAIR COSMETICS

<u>A Ferreira</u>, M Arcangelo, G Escobar, M Cordova, MF Rey, I Ruiz Diaz Instituto Nacional de Tecnologia Industrial, Argentina.

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PS C-19 - "Immune System and Cosmetics"

8000

CLINICAL EVALUATION OF INDUCED PLURIPOTENT STEM CELLS (IPSC) FOR TREATING ROSACEA. AN OPEN STUDY <u>T Syed</u>¹, TS Andersson², W Wong³, D Chin⁴

¹ University of California San Francisco, USA. ² University of San Francisco, USA. ³ Syed Skin Care, Inc. San Francisco, California,

0289

INHIBITION OF MELANOGENESIS AND REDUCTION OF INFLAMMATION AFTER UV-INDUCED SUNBURN BY TOPICAL APPLICATION OF A CATHLEDICIN-DERIVED TETRAPEPTIDE MFarwick¹, T Koehler¹, P Lersch¹, T Falla², S Grether-Beck³, J Krutmann³

¹ Evonik Goldschmidt GmbH, Germany. ² Helix Biomedix LCC, USA. ³ Institut fuer umweltmedizinische Forschung gGmbH at the Heinrich-Heine University, Germany.

0296

CESTRUM LATIFOLIUM LEAF EXTRACT: A NEW WAY TO DECREASE SKIN DISCOMFORT AND IMPROVE SKIN COMPLEXION OF SENSITIVE SKIN IN VIVO N Bechetoille, B Sohm, V André-Frei, B Vogelgesang BASF Beauty Care Solutions, France.

PS C-20 - "Neurobiology to Improve Skin Wellness"

0078

EFFECT OF AGE AND COGNITIVE DEVELOPMENT ON HEDONIC RESPONSES TO ODORS

<u>A Abriat</u>¹, J Poncelet², A Ziessel², F Rinck², C Rouby², M Bensafi² ¹L'Oréal Recherche, France. ² Université de Lyon , CNRS UMR 5020, France.

0081

MODULATION OF CORTICOTROPIN RELEASING HORMONE EFFECT TO DECREASE HISTAMINE RELEASE AND IMPROVE SKIN WELL-BEING BY TWO ESSENTIAL OILS LRenimel¹, F Joly², A Bierry², P Andre¹
LVMH Recherche, France. ² SEPhRA, France.

0319

A NEW CONCEPT TO SOOTH UNPLEASANT SENSATION AND ACUTE INFLAMMATORY SKIN CONDITIONS

<u>D Imfeld</u>, H Ziegler, R Gräub, H Moser, P Wikstroem

DSM Nutritional Products Branch PENTAPHARM, Dornacherstr.

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NEUROSLIMMING: DEVELOPMENT OF A NEW CONCEPT IN BODY CARE

<u>J Jiménez</u>, J Salgado, L Bonilla Belcorp Innovation Center, Colombia.

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0215

0260

APPLICATION OF SPHERICAL SILICA/PLANAR HYBRID POWDER PARTICLES WITH HYDROXYPROPYLCELLULOSE TO MAKE-UP COSMETICS (NATURAL LOOKING MAKE-UP)

<u>H Noda</u>, T Tanaka Daito Kasei Kogyo Co., Ltd., Japan.

MICROBIOLOGICAL QUALITY OF BRAZILIAN MAKEUP OF COLLECTIVE USE

NC Queiros¹, DB Pacheco¹, JR Krauskopf¹, MA Schulman², JM Gimenis¹², EA Ostrosky², BF Carneiro², EM Marcondes¹, VR Leite-Silva¹²

¹ Anhembi Morumbi University, Sao Paulo, Brazil. ² ISIC - Schulman Institute for Scientific Research, Sao Paulo, Brazil.

USA. ⁴ Stanford Biomed, Inc., USA.

MINERAL MAKE UP: A NEW TREND DEVELOPED WITH SUSTAINABLE BRAZILIAN'S CLAY JQ Guillen¹, MM Almeida¹, JR Matos², EM Filho³, MA Marques⁴, AR Baby¹,

TM Kaneko¹, LP Mercuri³, CR Lima¹, MA Batistela⁴, MVR Velasco¹ ¹ Faculty of Pharmaceutical Science University of São Paulo, São Paulo, Brazil. ² Chemistry Institute - University of São Paulo, São Paulo, Brazil. ³ Federal University of São Paulo, São Paulo, Brazil.

⁴ Vital Especialidades Dermocosméticas, Brazil,

PS C-22 - "Special Cosmetics"

0128

COSMETO-TEXTILES: SKIN ASSESSMENT

C Alonso, M Martí, R Rodríguez, L Rubio, L Coderch, JL Parra Advanced Chemical Institute of Catalonia IQAC-CSIC, Spain.

0152

COMBINATION OF ALPHA-GLUCOOLIGOSACCHARIDES, BETA-FRUCTOOLIGOSACCHARIDES AND LACTOBACILLI BACTERIA (L. CASEI AND L.ACIDOPHILUS) TO IMPROVE SKIN DEFENCE AND SKIN MICRORELIEF

T Saquet¹, JL Philbe¹, L Couturier¹, JF Molina², F Yvergnaux¹ ¹ Bioeurope - Solabia Group, France. ² Solabia, France.

BIO1617: A POTENT ACTIVE AGAINST CELLULITE WITH TRIPLE MODE OF ACTION

I Meyer, N Hillebrand, H Oertling, G Schmaus, T Kueper, G Vielhaber Symrise GmbH & Co KG, Muehlenfeldstr. 1, 37603 Holzminden. Germany.

PS C-23 - "Consumer Health Prevention, Care and Safety

COSMETOTOXICOLOGY: HAS ARRIVED TO STAY

D Carvalho¹², J Nunes², M Bastos Stevanato³, BT Carvalho⁴ Biotox: Consultancy in Biopharmacotoxicology, Ribeirão Prêto, São Paulo, and Brazilian Association of Cosmetology, Brazil.

² Brazilian Association of Cosmetology, São Paulo, Brazil. ³ University of Ribeirão Preto, Ribeirão Preto, São Paulo, Brazil. 4 University of Uberaba, Minas Gerais, Brazil.

0170

HAIR COLOR DAMAGES CAUSED BY EXPOSURE TO CHLORINATED WATER IN THE PRESENCE OF ULTRAVIOLET **RADIATION**

R Pires-Oliveira, I Joekes

State University of Campinas - UNICAMP, Brazil.

0204

SECURITY EVALUATION OF LIQUID CRYSTALS FORMULATIONS CONTAINING RETYNIL PALMITATE

M Chorilli¹, PM Cartezani¹, GR Leonardi², MC Prado Ribeiro², ML Polacow², PS Cerri³, MV Scarpa¹

¹ Faculdade de Ciências Farmacêuticas de Araraquara (FCFar/ UNESP), Araraquara - SP, Brazil. ² Universidade Metodista de Piracicaba, Piracicaba - SP, Brazil. ³ Faculdade de Odontologia de Araraquara (FOAr/UNESP), Araraquara - SP, Brazil.

0206

CHALLENGES ON COSMETOVIGILANCE IN ARGENTINA M Bobbi, A Spagnuoli, I Rivadulla, S Sara, C Chiale Instituto Nacional de Medicamentos, Argentina.

0211

THE EFFECT OF DIFFERENT TYPES OF LECITHIN ON THE ANTIMICROBIAL ACTIVITY OF PARABEN IN COSMETICS MH Choi, GW Ahn, BG Jo THEFACESHOP R&D Center, Korea.

EVALUATION OF ANTIBACTERIAL ACTIVITY OF GELS INCREASED OF POMEGRANATE GLYCOLIC EXTRACT, GREEN TEA GLYCOLIC EXTRACT AND APRICOT GLYCOLIC EXTRACT M Chorilli, DC Vieira, TF Fiúza, HR Salgado Faculdade de Ciências Farmacêuticas de Araraguara (FCFar/ UNESP), Araraquara - SP, Brazil.

MICROBIOLOGICAL CONTROL OF MOISTURIZING MASK FORMULATION ADDED OF HIBISCUS FLOWERS, ASSAI PALM, BLACK MULBERRY AND PAPAW GLYCOLIC EXTRACTS M Chorilli, DC Vieira, FM Fiúza, HR Salgado Faculdade de Ciências Farmacêuticas de Araraguara (FCFar/ UNESP), Araraquara - SP, Brazil.

ANTI-MICROBIAL ACTIVITIES OF PLANTS EXTRACTS AND THEIR COMPOUNDS AS ALTERNATIVE PRESERVATIVES JY Lee, JN Lee, KT Lee, KK Lee Coreana Cosmetics Song Pa R&D Center, Korea.

EYELID COSMETIC INTOLERANCE, NOT ALWAYS TRUE? V Flores¹, G Cuomo¹, E Segretin², G Vaglio¹, D De Luca¹, R Galimberti¹

¹ Servicio de Dermatología. Sector Dermatología Cosmética - Hospital Italiano de Buenos Aires, Buenos Aires, Argentina. ² Servicio de Oftalmología - Hospital Italiano de Buenos Aires, Buenos Aires, Argentina.

PS C-24 - "Animal Testing Alternatives"

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PREDICTING ACUTE ORAL TOXICITY (LD50) WITH AN INVITRO **CELL-BASED SYSTEM**

JM McKim, PC Wilga, JF Pregenzer, KL Rutherford-Root, DK Petrella, SB Quellette, AJ Swanson, SA Thompson CeeTox, Inc., USA.

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SAFETY ASSESSMENT OF COSMETIC FORMULATIONS CONTAINING NATURAL PRODUCTS USING A TRIDIMENSIONAL

EA Ostrosky¹, PS Lopes², VR Silva-Leite³, MVR Velasco¹, TJA Pinto¹, MB Mathor⁴, TM Kaneko¹

¹ School of Pharmaceutical Sciences, University of São Paulo, Brazil. ² University of Sorocaba (UNISO), Brazil. ³ ISIC - Schulman Institute for Scientific Research, São Paulo, Brazil. ⁴ Nuclear and Energetic Research Institute, São Paulo, Brazil.

0338

STUDY OF SUNLESS TANNING FORMULATIONS USING SHED SNAKE SKIN AS ALTERNATIVE MEMBRANE MODEL TS Balogh¹, CA Pedriali¹, RM Gama¹, CASO Pinto¹, V Bedin², RT Villa2, TM Kaneko1, MVR Velasco1, AR Baby1 ¹ Laboratory of Cosmetology, Department of Pharmacy, School of Pharmaceutical Sciences of University of São Paulo, Brazil. ² Healthy Skin Foundation and Hair and Skin Research and Treatment Institute, Brazil.

0382

IN VITRO RBC HAEMOLYSIS ASSAY FOR DETERMINATION OF THE OCULAR IRRITATION POTENTIAL D Gerarduzzi, S Gorzalczany

Facultad de Farmacia y Bioquímica, Argentina.

SAFETY ASSESSMENT OF COSMETIC INGREDIENTS AND TOXICOLOGICAL TESTING WITHOUT ANIMALS R Landsiedel', S Böhn', EF Arnhild Schrage', S Schulte², B van Ravenzwaay'

¹ BASF SE, Experimental Toxicology and Ecology, 67056 Ludwigshafen, Germany. ² BASF SE, Consumer Care Products, 67056 Ludwigshafen, Germany.

0318

COSMETOVIGILANCE IN BRAZIL- EXPERIENCE AND RESULTS (2008 AND 2009)

<u>EF Costa,</u> ACFG Araujo, CS Coelho, JA Costa, EC Freitas, MS Garcia, MD Klein, LS Machado, AN Mello

National Health Surveillance Agency (ANVISA), Brazil.

PS C-25 - "Legislative Changes and Challenges"

0208

ELECTRONIC COSMETIC PRODUCT ADMISSION FOR MARKETING AUTHORIZATION <u>S Sara</u>, M Bobbi, I Rivadulla, A Spagnuoli, C Chiale Instituto Nacional de Medicamentos, Argentina.

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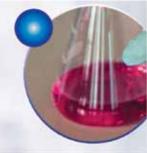


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American Chemical ICSA	21	Catalinas Foyer
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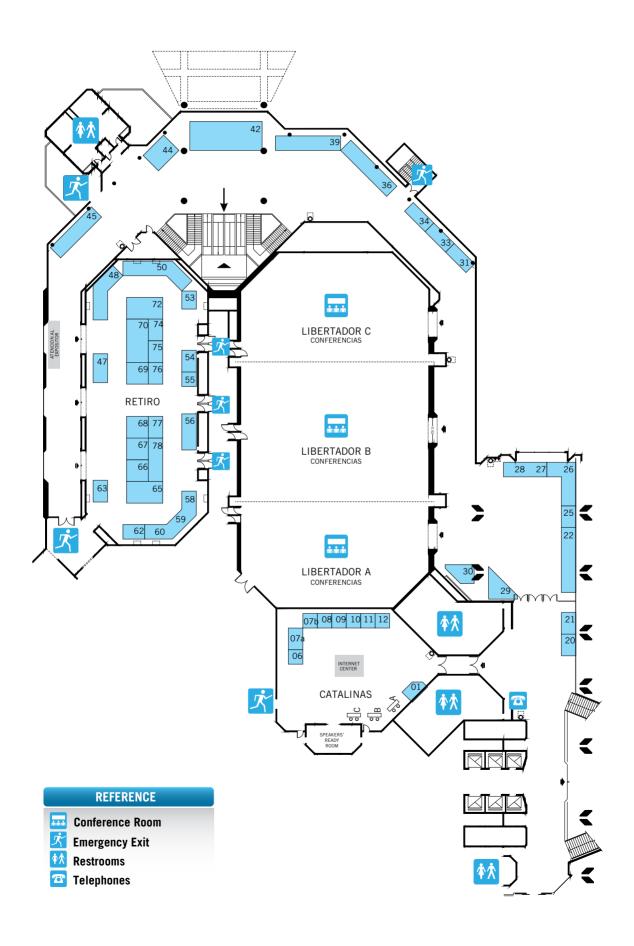
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Laboratoires Sérobiologiques (LS), COGNIS Care Chemicals subsidiary, is a world's leading supplier of cosmetic actives. Building its expertise on deep scientific know-how, cutting-edge technology, scientific collaborations and a strong customer orientation, LS constantly develops advanced concepts and substantiated actives, dedicated to skin and hair care applications. LS also provides high-quality technical support to ensure every customer's requirements are fully met.

LS has been ISO 9001 and 14001 certified since 2004. Today, our unique sustainable policy toward Corporate Social Responsibility is another key value of our success.

Cognis S.A.

28 HS "Poncho"

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Carabelas 2318 - 1872

Sarandi - Avellaneda, Buenos Aires, Argentina t: +54 11 4001-0275 f:+54 11 4001-0241 Email: maricruz.lezcano@cognis.com

Contact person: Maricruz Lezcano - Marketing

Web: www.cognis.com

Cognis is a worldwide supplier of specialty chemicals and nutritional ingredients, with a particular focus on the areas of wellness and sustainability. The company employs about 5,500 people, and it operates production sites and service centers in 30 countries. Cognis has dedicated its activities to a high level of sustainability and provides value adding solutions and products based on renewable raw materials. The company serves the food, nutrition and healthcare markets, and the cosmetics, detergents and cleaners industries. Another main focus is on products for a number of other industries, such as coatings and inks, lubricants, as well as agriculture and mining.

Cosmetics & Toiletries Latinoamérica

Brazil

 ${\it Email: cristiane@cosmeticsonline.la}$

Contact person: Cristiane Martins Santos - Editor

Web: www.cosmeticsonline.la

Cosmetics & Toiletries Magazine

336 Gundersen Drive - 60188 Carol Stream, Illinois, USA

t: +1 630 653-2155 f: +1 630 653-2192

Email: CosmToil@allured.com

Contact person: Rachel Grabenhofer - Editor Web: www.cosmeticsandtoiletries.com

Considered the primary source for cosmetics R&D by many, Cosmetics & Toiletries magazine brings more than 100 years of expertise in formulation and application insight, raw material development, technological breakthroughs, trends, regulations and industry news and networking.

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t: +54 2322 466206 f: +54 2322 496664

Email: christian.trapaglia@coster.com.ar

Contact person: Christian Trapaglia - Comercial Manager

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Email: Eugenia.Rudnicki@croda.com

Contact person: Maria Eugenia Rudnicki - Administracion

Web: www.croda.com

Daltosur 45

Dow Corning Corporation

42-HS "Ombu B"

2200 W. Salzburg Road - 48686-0994

Midland, MI, USA

t: +55 11 3563-4352 f: +55 11 3563-4301 Email: claudio.moretti@dowcorning.com

Email: claudio.moretti@dowcoming.com

Contact person: Claudio Fernando Moretti - Area Market Leader -

Latin America - Life Sciences Web: www.dowcorning.com

Create a sensation with beauty and personal care solutions from Dow Corning. Consumers delight in products that deliver unique sensory experiences - before, during and after application. With Dow Corning's expanded array of innovative solutions, you can go beyond the ordinary to create the next great beauty and personal care sensation. In addition to silicones, we can provide you with compatible natural ingredients, custom processes and product development support. A leader in silicon-based technologies, Dow Corning is going beyond the expected to provide exactly what you need to succeed in today's global marketplace.

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DSM Nutritional Products

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Lavoisier 3925 - B1667AQC

Tortuguitas, Buenos Aires, Argentina t: +54 3327-448613 f: +54 3327 446383

Email: Andres.Collazo@dsm.com

Contact person: Andrés Collazo - Account Manager

Web: www.dsm.com

DSM Nutritional Products is the world's leading supplier of vitamins, carotenoids and other fine chemicals to the feed, food, pharmaceutical and personal care industries. The business has sales of over EUR 2 billion and a long tradition as a pioneer in the discovery of new products, new formulations and applications for all industry segments. The Personal Care business unit is the international cosmetic industry's leading supplier of vitamins, active ingredients from the PENTAPHARM brand, PARSOL® UV filters and Amphisol emulsifiers, as well as the recently introduced TILAMAR® hair care products.

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Eco Oil Argentina S.A.

Av. Del Libertador 184 -4° "A" - C1001ABO

Buenos Aires - Argentina

t: +54 11 5272-2238 f: +54 11 4313-8203

Email: marketing@ecooil.com.ar

Contact person: Sandra Chiarelli - Marketing

Web: www.ecooil.com.ar

EcoOil is exclusively dedicated to the production, processing and marketing of Natural Jojoba Oil and derivatives to the Personal Care Industry. EcoOil is the leading jojoba oil producer and manufacturer in Argentna, and one of the key world suppliers of this unique ingredient. With jojoba farms established in the desert of Argentina, and on-site industrial facilities fitted with state-of-the-art processing technology, we obtain the purest jojoba oil and by-products to supply the world of cosmetics. Our products include Golden Jojoba Oil, Water-Clear Refined Jojoba Oil, Ecobeads And Hydrogenated Jojoba Oil.

Evonik Goldschmidt Gmbh

Goldschmidtstraße 100 - 45127

Essen, Germany

t: +49 (0)201 173 2854 f: +49 (0) 201 173 1828

Email: personal-care@evonik.com Web: www.evonik.com/personal-care

The product line Personal Care of Evonik is built on a strong platform of technology and a clear market orientation which together form the foundation for outstanding perfomance. The products offered are: conditioners and thickeners for hair care products, emulsifiers for creams and lotions, secondary surfactants, emollients and active ingredients. Environmental protection and the use of sustainable base materials has been a global Evonik strategy for many years. Combined with extensive research on innovative production technologies a wide range of natural based and certified raw materials with low environmental footprint are available.

FabriQUIMICA SRL

Calle 32 Nº 3313 - B1650IJA

San Martin, Buenos Aires, Argentina

t: +54 11 4753-0894 f: +54 11 4755-7290

Email: ventas@fabriquimica.com.ar

Contact person: Oscar Carballo - Partner - Sales

Web: www.fabriquimica.com.ar

fabriQUIMICA is an Argentine company dedicated to the manufacturing of raw materials for the cosmetic industry, adhering to the following principles:

Innovation; Investment to achieve world class products; Commitment towards its employees; Responsible care with the environment; Respect to the laws that govern our industry. We manufacture raw materials of superior quality at a competitive price. We direct our efforts to: Understand the needs of our customers, adapting to their individual specifications; Standardize and improve continuously our products, processes and services; Build up strategic partnerships with our suppliers and customers.

FELASCC

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Federación Latinoamericana de Asociaciones de Ciencias Cosméticas

Thames 265 - C1414DCE

Buenos Aires - Argentina

t: +54 11 4855 3650 f: +54 11 4856 7315

E mail: info@aaqc.org.ar

Felow DMG

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O'Higgins 2715 - 1428 CABA, Argentina

t: +54 11 4780-2232 f: +54 11 47802232

Email: felow@felow.com

Contact person: Perla Yoeses - Ejecutiva de cuentas

Web: www.felow.com

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Nº 8. , Kang Da Road, DongCheng Zone, YunPu Industry district,

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t: +86 20 82251159-263 f: +86 20 82058669

Email: niefangfang@tinci.com

Contact person: Emily - Sales Representative

Web: www.tinci.com

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Suite 6 Langham House East Mill Street - LU1 2NA Luton, Bedfordshire, United Kingdom

t: +44 (0) 1582 726661 f: +44 (0) 1582 405217

Email: enquires@ifscc.org

Contact person: Lorna Weston - Secretary General

www.ifscc.org

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Alicia Moreau de Justo 3655 - 1752 Lomas del Mirador, Buenos Aires, Argentina t: +54 11 4655-1444/ 2100 ext. 108

Email: iqanahi@speedy.com.ar

Contact person: Diego Martín Noseda

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PO Box 551 - 5050 Blackwood, SA, Australia t: 08 8463 0990 f: 08 8278 6360

Email: info@personalcarescience.com.ar Contact person: Belinda Pilmore - Director Web: www.personalcarescience.com.au

Iquisa

Melincue 2586 - 1417

CABA, Buenos Aires, Argentina

t: +54 11 4116-0867 Email: iquisa@iquisa.com.ar

Contact person: Sr. Saraceno - Gerente

www.iquisa.com.ar

Kobo Products, Inc

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3474 South Clinton AV. 07080 South Plainfield, NJ, USA

t: +1 908 7570033 f: +1 908 7570905

Email: info@koboproducts.com

Contact person: Debbie McCarthy - VP of Sales & Marketing

Web: www.koboproducts.com

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Kobo offers three manufacturing locations throughout the world including its corporate headquarters in South Plainfield, NJ (USA), Kobo SAS (Labège/Toulouse, France) and Kobo Dispatek (Utsunamiya, Japan).

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Laboratorios Valmax

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Sub. Perdomo 1619

Ituzaingó, Buenos Aires, Argentina t: +54 11 4621-1960/ 6910

Email: adelgado@valmax.com.ar Contact person: Alfredo Delgado Web: www.valmax.com.ar

Lubrizol / Noveon / Farmatrade

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Av. Fagundes Filho, 134 cj 101 - 04304-000

Saö Paulo, SP, Brazil

t: +55 11 4082-1332 f: +55 11 4082-1345

Email: patricia.nishimuta@lubrizol.com

Contact person: Patricia Nishimuta - Marketing Manager

Web: www.lubrizol.com

The Lubrizol Corporation is an innovative specialty chemical company that produces and supplies technologies that improve the quality, performance and value of your customers' products in the global transportation, industrial and consumer markets. Noveon Consumer Specialties, a Lubrizol product line, offers a versatile line of ingredients with a long history of successful use in personal care, home care and pharmaceutical formulations. Key products include synthetic and naturally-derived rheology modifiers and thickeners, fixative polymers, surfactants, specialty silicones, emulsifiers, filmformers, elegant sensory modifiers and pharmaceutical ingredients.

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Helguera 2756 - C1417CQL

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Email: mbraver@magel.com.ar Contact person: Mariano Braver - Director

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Camusso 1302 - 7600

Mar del Plata, Buenos Aires, Argentina t: +54 223 4993000 f: +54 23 4993000

Email: esteban_materia@materiaoleochemicals.com Contact person: Vicente Materia / Roberto Materia

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Edificio Panamericana Plaza, Tronador 4890 4th Floor - 1430 CABA, Argentina

t: +54 11 4546-8145 f: +54 11 4546-8144

Email: gmoderegger@merck.com.ar

Contact person: Gabriela Moderegger - Chemicals Division Assitant

Web: www.merck-quimica.com.ar

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MIBELLE Biochemistry

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Bolimattstrasse 1 - 5033 Buchs, Switzerland

t: +4162 8361793 f: +4162 8361405

Contact person: Irene Montaño - International Sales Manager

Web: www.mibellebiochemistry.com

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Mibelle Biochemistry is a Swiss company specialized in the research and development of innovative, state of the art actives for the cosmetic industry. Inspired by nature, it transforms natural products into high performance, functional ingredients with sustainable claims.

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Rod. Eng. Constancio Cintra, Km 78,5 - 13255-846

Italiba, SP, Brazil

t: +55 11 36736244 f: +55 11 36736244 Email: karla.macian@momentive.com

Contact person: Karla Araujo Macian - Specialist

Web: www.momentive.com

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Web: www.nordest-nova.com; www.exsymol.com; www.drstraetmans.de; www.lucasmeyercosmetics.com NORDEST NOVA (Argentina) imports, exports and commercializes high performing and innovative active ingredients for the cosmetic, pharmaceutical and personal care industry providing customers with high – class raw materials though out the representation and distribution in Argentina of top International suppliers.

Nordest Nova's Innovation and Services division, is committed to the creation of new business and projects, from its first idea to the launch of the product in the market, providing the necessary product formulation, claim, packaging and even branding assessment. EXSYMOL SAM (Monaco) develops and produces active ingredients designed for cosmetic treatment. The registration of 2 to 3 patents every year, enables Exsymol to provide worldwide cosmetic brands with novelties to the biggest.

Exymol's cosmetics products are designed in its facilities (chemistry, biology, biochemistry and biosynthesis laboratories) and produced using high performing industrial equipment (extraction, chemical synthesis and encapsulation). These actives have a real efficacy, confirmed by our laboratories and an excellent dermatological tolerance.

Dr. STRAETMANS (Germany) develops high – class raw materials for cosmetic products offering a range of multifunctional cosmetic additives as well as high value oil components, GMO – free antioxidants; PEG – free emulsifiers, solubilizers and conditioning agents based on modified starch. Its core competence is the stabilizing of cosmetics though the natural way. Being innovative and flexible as well as continuous exchanges with customers is its strength.

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Novachem 60

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Email: jesicacuna@novachem.com.ar

Contact person: Jesica Cuña - Sales and Marketing Assistant Web: www.novachem.com.ar

Novachem SRL is a specialty chemicals research and development company focused on natural raw materials for the cosmetics industry. Novachem SRL has a strong sense of commitment of the

OIA - Organización Internacional Agropecuaria 74

Av. Santa Fé 830 - B1641ABN

environment and the community.

Accasuso, Buenos Aires, Argentina t: +54 11 4793-4340 f: +54 11 4793-4340

Email: oia@oia.com.ar

Contac person: Daniela Zanotti - Sub-Director

Web: www.oia.com.ar

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Posadas 1359 5° B - C1011ABG Buenos Aires, Argentina t: +54 11 4816-7456

Email: marcela.mlcek@orica.com

Contact person: Marcela Micek - Commercial Executive

Web: www.oricachemicals.com

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Orica is one of the most important Australian-based companies, with operations in over 50 countries.

Our products, brands and services are highly trusted due to its optimum performance, level and quality.

Orica Chemicals Latin America (OCLA) headquarters are located in Santiago de Chile, and has sites in: Peru, Argentina, Colombia and Brazil. *Industrial Chemicals Division* commercializes chemical products and raw materials used in the following areas: Food, Detergents, pharmaceuticals and cosmetics. Our vision is "to be recognized as one of the leaders in commercialization, distribution and manufacturing of chemical products, in the selected countries and markets, conformed by committed professionals.

Personal Care Asia Pacific and Personal Care Europe

Step Communications
United Kingdom

t: +44 1892 518877 f: +44 1892 616177

Email: josh.taylor@stepcomms.com

Contact person: Josh Taylor - Publishing Director

Web: www.personalcaremagazine.com

Quetzal Química

Juan B. Justo 3521 - 1879

Quilmes Oeste, Buenos Aires, Argentina

t: +54 11 4250-2209 f: +54 11 4250-2209 ext. 105

Email: info@quetzalquimica.com

Contact person: Lorena Dujmovic - Product Manager

Web: www.quetzalquimica.com.ar

Quetzal Quimica SRL is a leading distributor of raw materials for the cosmetic and farmaceutical industries. Committed to quality, represents and distributes the following world wide recognised key companies: Evonik Industries; 3V Sigma; BT Company; Unipex; Schuelke; Kaneka; Cosmeco; Xian Medicines.

Quetzal Quimica SRL supplies the manufacturer with a complete line of products to develop all kind of formulas and achieve the objectives. With specialized technical support and the inmediate right solution to daily customer problems. Quetzal Quimica SRL is the first step to a successful final product.

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Dr. - Rudolf-Sachtleben Strasse 4 - D-47198

Duisburg, NRW, Germany

t: +49 2066 222663 f: +49 2066 223663

Email: cpf@sachtleben.com

Contact person: Reiner Mertscheit - Sales Director Cosmetics

Web: www.sachtleben.com

Made from Nature's mineral sources - Sachtleben titanium dioxide. Mother Nature's takes some 1600 million years to create our raw material ilmenite. We add our know how, commitment and technology to extract our pure titanium dioxide particles from this gift of nature. Sachtleben is committed to continuous product innovation. Sachtleben is operating two state of the art GMP production facilities in Finland and Germany.

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Sinclair 2976 2° A - 1425 CABA, Argentina

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Email: info@sasuar.com.ar

Contact person: Daniel Inzerilli - Sales Manager Web: www.sasuar.com.ar (under construction)

SASUAR is a raw materials distributor for the cosmetic and pharmaceutical industries. We have been on the market for more than 14 years. We represent the following companies: Seppic, Sophim, Biosynthis, Alban Muller (from France); Mibelle Biochemistry (from Switzerand); Sunjin Chemicals and Miwon (from Korea); Leasun (from China); Phoenix,(from USA) and Inca Oil (from Argentina). We offer excellent quality and technical assitance to our customers.

SEPPIC

52

22, Terrasse Bellini, Puteaux La Defense - 92800 Paris, France

t: +55 11 3242 3911/ +55 11 9525 1983 f: +55 11 3105 8605

Email: andre.pereira@airliquide.com

Contact person: André Henriques Pereira - Latin America Sales &

Marketing Manager

Web: www.seppic.com

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We are one of the major suppliers of specialty raw materials to the beauty and personal care hygiene industry. Our creativity and scientific innovation relies on five strategies: constant development of new products and concepts – continuous assessment of our product ranges – a strong international presence – making all our products compatible with the various regulatory rules applicable in the most important countries. Maintenance of accurate and comprehensive technical protocols to guarantee high levels of safety, quality and efficacy. SEPPIC offers: a full range of excipients – Innovative active substances.

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Silab

Bp 213 - 19108 Brive Cedex, France

t: +33 855584-5840 f: +33 55584-9564

Email: silab@silab.fr

Contact person: Jean Philipe Cosson - Sales Marketing Manager

Web: www.silab.fr

Independent French Company, SILAB is recognized throughout the world as a specialist of biological active ingredient engineering. Our innovative, non-denaturing sophisticated technologies of extraction and purification enable us to isolate active molecules and to concentrate their efficiency. Stemming from natural-source raw material, easy to formulate and safe constant, our eco-friendly active ingredients aim at re-establishing the biological equilibriums and warranting the homeostasis of healthy skins. Our comprehensive range of products covers all areas of skin cares: tensor, anti-wrinkle, moisturizing, depigmenting, sebo-regulator, slimming... We invite you to visit us on the booth (N° 68) and discover our latest innovative active ingredients.

SOPHIM 50-51

Parc de la Cassine - 4310

Peyruis, France

t: +33 4 92331717 f: +33 4 92331718

Contact person: Alexis Margnat - Managing Director

Web: www.sophim.com

Specialist of squalane production for cosmetic industries since 1988, Sophim is a fine chemical company located in Provence, south of France. Sophim has developed a range of natural, oil-free and vegetable products, for Cosmetics and Pharmaceuticals industries.

Sow Journal

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h. Ziolokowsky gmbh beethovenstrasse 16 - 8615

Augsburg, Germany

t: +49 82132583 16 f: +49 82132583 23

Email: S.Fischer@sofw.com

Contact person: Robert Fischer - Marketing Manager

Web: www.sofw.com

Stable Micro Systems LTD

Vienna Court, Lammas Road - GU7 1YL

Godalming, Surrey, United Kingdom

t: +44 0 1483427345

Straticell

Email: mark.proto@microsystems.com Contact person: Mark Proto - MD Web: www.stablemicrosystems.com

Science Park Crealys Rue Jean Sonet 10 - 5022

Les Isnes, Les Isnes, Belgium

t: +32 (0)81_ 72 85 82 f: +32 (0)81 72 85 89

Email: tdecharneux@straticell.com

Contact person: Thierry Decharneux - Business Development Manager

Web: www.straticell.com

Symrise S.R.L.

HS "OMBU A"

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Valparaiso 4125 - B1667BBQ

Tortuguitas, Buenos Aires, Argentina

t: +52 55 58641244f: +52 55 5864 1207

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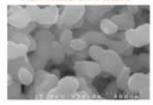
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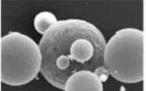
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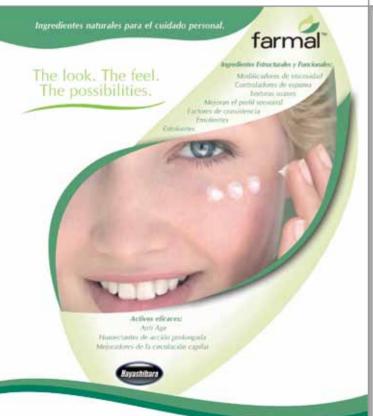
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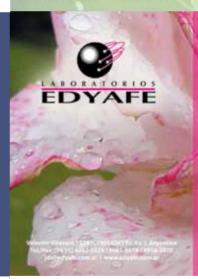
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