Sensitive skins: a key concern for cosmeticians

What is the potential for personalized genomics and epigenetics in cosmetic science?

Moisturization measurement: between traditional and high-tech

New ingredients
Dual action on the skin to combat polluting particles:
> prevents their adhesion
> helps their removal

Skin-friendly ‘glyco-cocoon’ ideal to protect tissues & cells

Invisible and enveloping film for a bare-skin feel

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**FACE THE EXPOSOME**
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Whether they are ingredient suppliers or brands, cosmetics players are increasingly more interested in sensitive skins. In 2016, Silab created a new department dedicated to this theme, Silab Softcare, while L’Oréal, already present on this segment with brands like La Roche-Posay, Vichy, and SkinCeutical, confirmed their positioning by purchasing three dermocosmetics brands in the United States: CeraVe, AcneFree, and Ambi. Even luxury is jumping on the bandwagon, as Chanel has dared launch “Solution 10”, based on only ten ingredients, to soothe, relax, and protect sensitive skins. It should be said that, as far as consumers are concerned, the number of topics at stake keeps growing.
Two women out of three...

According to the René Touraine foundation*, which aims to support therapeutic progress in dermatology, the expression 'sensitive skin' refers to a common syndrome – but it lacks a clear definition. It is self-described by the individuals affected as a reactive skin with sensations of discomfort (itching, tingling, burning, tightness...), which are not necessarily conveyed by visible clinical signs. It is enhanced by intrinsic factors (age, heredity, hormones, treatments), environmental factors (cold, sun, pollution), the use of certain products (soap, perfume, cosmetics), or lifestyles (diet, alcohol, stress).**

According to Silab, two women out of three say they have a sensitive skin. But then, there are other skin types to be added: baby skins, acne-prone skins, and that of all women who have just undergone beauty or plastic surgery operations (peeling, laser hair removal, dermabrasion...).

Dermocosmetics brands are well-positioned to develop solutions to sensitive skin issues, and their turnovers have actually risen over the past few years. In 2015, the Pierre Fabre Dermocosmetics Division, which comprises Avène, Klorane, Galénic, Ducray, Elancyl, and A-Derma, grew by 11%. As for L’Oréal Active Cosmetics (La Roche-Posay, Vichy, SkinCeutical...), they achieved a 107 billion euro turnover in 2017 – that is an 8.7% rise. “Consumers are more willing to choose medical solutions,” explains Brigitte Liberman, General Manager of the Division, in an interview with the Challenges magazine. The whole dermocosmetics segment is taking benefit from this, as it has grown by about 5% on the global level, while overall, the cosmetics market has recorded a 3.5% growth.

Cosmetics solutions

Many cosmetics players believe this segment offers a significant growth potential. “At Silab,” explains Brigitte Closs-Gonthier, R&D Manager, “our expertise in skin biology encourages us to broaden our area of research to weakened skins through a dermocosmetic approach to their various pathologies. Atopic dermatitis is the best-treated, but other research projects on acne and healing have already been launched in our new Silba Softcare department.” Silba has marketed As-Resyl®, a natural active obtained from Ophiopogon japonicus roots which prevents the appearance of atopic dermatitis clinical signs and prolongs remission periods following corticotherapies.

Every other year, Greentech organizes a congress through their foundation to discuss progress in dermatology and skin studies for a mainly cosmetics-oriented public. The presentations made at the
SPIM (Skin Physiology International Meeting) are actually available in a special issue of the European Journal of Dermatology. “During those two days, we only talk about science, research in Physiology, Biology, Biochemistry, and, of course, Dermatology, and not products,” explains Jean-Yves Berthon, CEO of Greentech.

According to Sophie Catoire, In Vitro Toxicology Manager at Thor, “given the growing demand from our customers to assess their formulas, and in particular the presence of certain preservatives on fragile skin models, since 2013, we have developed a specific immature reconstructed human epidermis model which imitates the epidermis of a baby, Baby VitroDerm. This model is characterized by a very thin stratum corneum, and it can also be used as a tool to study sensitive skins. That is one of our laboratory’s development strategies.” Anne Sirvent, Scientific Communication Manager at Dermscan, explains that “sensitive skins present few clinical signs that can objectively be documented. Apart from parameters related to cutaneous inflammation, dryness, and skin roughness, which can be quantified visually, skin sensitivity is usually conveyed by feelings (tingling, tightness, overheating). We have chosen a multi-criteria approach to assess product efficacy with a panel selected with sensitivity tests (sensitivity to capsaicin, lactic acid, and temperature). Microcirculation, the skin...
barrier condition, hydration, and the composition of intercellular lipids can be followed up in accordance with the claims our customers want. We have also set up subjective assessment and life quality questionnaires to complete the tests.”

Specific raw materials

As far as ingredient suppliers are concerned, the issue of sensitive skins is treated according to various approaches.

Some of them offer a short and long-term double action, like Codif, with their new launch Areaumat Perpetua®, an everlasting flower water rich in aromatic compounds, which instantaneously reduces the tingling sensation, by stimulating the release of β-endorphin, and curbing that of inflammation mediators. In the long term, it strengthens the barrier function, so that the skin becomes less vulnerable to aggressions. Pacifeel® by Sederma is a natural extract from marvel-of-Peru which modulates the sensorial communication between the epidermis and nerve terminations to relieve the sensations of discomfort frequent in sensitive skins. It also reinforces the skin barrier. CM-Glucan forte® by Mibelle
is obtained from the Myriad Pro-glucan derived from baker’s yeast and offers an action both on the skin’s immune system and skin barrier.

Several products are focused on neuroinflammation to try and reduce it, like the latest biomimetic peptide launched by Mibelle, SensAmone P5®, which mimics the function of a protein found in sea anemone venom and can inhibit the TRPV1 pain receptor. Redyless® by Solabia acts upstream and downstream neuronal inflammation and redness, by inhibiting the activity of the TRPV1 and TRPA1 receptors and reducing the redness already visible.

Apart from these molecules, whose biological activity has been proven, the formulation method also has a role to play to obtain products compatible with sensitive skins. The Gattefossé Emulium® Mellifera emulsifier belongs to those that immediately and durably soothe sensitive skins. Tested on a panel of 20 women, as soon as the first application, there is a reduction of tingling, and after 28 days using it, there is a 45% decline in the skin reactivity and a 33% reduction of redness.

A whole panel of answers is already available to meet the growing demand for skincare dedicated to sensitive skins.

Régine Frick


** Graph defining the specific weight of various factors related to sensitive skins. SAINT MARTORY C, ROGUEDAS-CONTIOS AM, SIBAUD V et al. Sensitive skin is not limited to the face. Br J Dermatol, 2008, 158(1): 130-133
What is the potential for personalized genomics and epigenetics in cosmetic science?

April 2017, by Régine Frick

The 28th European Democosmetology Days organized by the European Centre for Dermocosmetology (CED) in Lyon, France, on the 30th and 31st of January 2017 focused on personalized genomics and epigenetics, two matters that could rapidly reshape the future of care. the skin.

In a speech opening this congress, which brought together a large audience at the École Normale Supérieure in Lyon, Professor Pierre-Henri Gouyon reminded “genes have no effect outside a given environment. Genetic information is immaterial and the effect of genes can only be seen in the environment in which they are observed”. That is what epigenetic is all about.
Gene regulators and epigenetics

Among gene regulators, microRNAs, which were discovered in nematodes in 1993, are now the subject of numerous studies. «To date, more than 2,600 microRNA sequences have been described in humans,» said Professor Jérôme Lamartine. As far as the skin is concerned, the researcher highlighted the role of Mir-203 as a transition regulator between proliferation and differentiation in the human epidermis.

Long non-coding RNAs (LncRNAs) are also of key regulators of gene expression. Recent researches by Dr. Markus Kretz of the University of Regensburg in Germany has that LncRNAs can impact the regulation of the skin homeostasis.

More concretely, according to a study conducted by Clarins, daily meteorological changes can affect the regulation of genes. “We conducted a large study about the impact of brief and repeated weather variations on differentiation and matrix remodelling of a reconstructed human skin model. The results show a significant reduction in the expression of coding genes for various collagens, laminins, proteoglycans, thus suggesting a profound remodelling of the extracellular matrix,” explained Christelle Guéré of Clarins.

Personalized genomics

Will the future of personal care be the design of personalized cosmetics based on genomic analyses?

According to Philippe Benech, from Genex, “if the identification of genes involved in pathologies or in ageing benefits from recent advances in genomics and bioinformatics, the understanding of involved functional mechanisms remains a major challenge since the function of a given gene can change with the context.” Genex has developed PredictSearch, an in-house software using big data, which could be described as a mix between Google and Medline to carry out biofunctional analyzes of the genes.

In France, genetic examination can only be carried out for medical, judicial or scientific research purposes. This is not the case in the US, but also in Norway and Sweden, where some cosmetics companies offer tailor-made products based on a DNA analysis of the customer.

Is it a real scientific advance or only marketing argument, it is probably too early to know...

Régine Frick
Enter an augmented reality with the Eutectys™ botanical collection, where active plants meet the breakthrough innovation of Eutectigenesis. The product of research by Naturex, this patented biomimetic green extraction technology uses NaDES (Natural Deep Eutectic Solvents) to capture and preserve the plant cell’s most precious metabolites. Discover the full collection on our website.
A recent study by Filorga-Sofres last September highlighted that the hydration is the most sensitive claim for the consumers. Since the superficial layers of the epidermis, investigators gradually go through the different layers of keratinocytes and fibroblasts taking into account the overall skin hydration. Unavoidable necessity considering the different modalities of skin hydration preservation and the myriad of mechanisms of action proposed by the cosmetic active ingredients.

The best known measurement is the **impedancemetry** assessing the moisturizing effect of the upper layers of the epidermis by measurement of the skin electrical properties. The measure is easy, fast, reproducible and well established:

- **Startum Corneum:**
  - Corneometer, Dermalab
  - Hydration, Epsilon,
  - MoistureMeter SC

- **Epidermis:** MoistureMeterEpi
- **Dermis:** MoistureMeterD.
Alternatives to the impedancemetry have emerged with different orientations:

- In sight of the skin surface: Visioscan and MoistureMap used by Cerco, Dermscan, and Spincontrol among others, Dermalab Video, Hirox camera and VideometerLab and all other systems of skin observation.
- Quantitative water in the skin: confocal microscopy LBRAM 800 used by the CERCO in partnership with the MEDIAN team University of Reims.
- The indirect method of the TEWL: Aquaflex, Dermalab TEWL, Evapometer, Vapometer...
- A new method developed by Spincontrol based on facial expressions recognition to calculate an index of discomforts due to skin dryness.

Finally, with high-tech non-invasive methods of the skin structure visualization:

- The Optical Multiphoton Tomography with the MPT Flexfrom,
- The confocal microscopy with the VivaScope and the VivoSight system.
Alban Muller: Natural and sustainable solutions

Alban Muller will be presenting Cosmephyta-MIX, the new Cosme-Phytamix range featuring five blends made of 100% natural, eco-designed plant extracts selected for a powerful synergistic and targeted action to meet specific needs: Hair Tonic, Microcirculativ, Slimming, Anti-cellulite and Tonifying.

The company will also present three new skin care formulations:

- **The vegetal golden mask.** A synergistic blend of vegetal active ingredients combined into a destressing golden mask.
- **The Pearl of light serum.** The softness of a cream and the nourishing finish of a dry oil into a repairing night serum enriched with pearl extract.
- **The anti-pollution vegetal shield DUO.** A powerful DUO, drawing its key actives, preparami and protectami, from the heart of vegetal richness to fight pollution stress: The precious tree black cream with regenerating properties from the “skin tree”, and, The flaxseed white cream with nourishing and soothing properties from the flaxseed, riched in omegas.

Azelis explores the urban impact on hair and skin

Urban impact will be the theme at the Azelis stand at in-cosmetics this year. Azelis will present a range of key technological advancements that are effective at addressing the needs for wellbeing, caring and protecting consumers’ hair and skin. A range of urban-ready formulations have been created for example: overnight skin rescue, sparkle time, marine power mask, angry beard anti-pollution, city defence oleopearls lotion, healthy look after urban stress and purifying charcoal shower gel.
Aceto: New generation emulsions

Aceto introduces the **H-Net Technology** (Helical Network Emulsion Technology), which paves the way to a whole new generation of helical emulsions by absorbing oily substances at the heart of the 3D structure. The very specific amino acids composition provides the emulsions with anti-inflammatory and antioxidant biological properties. The emulsions also offer unprecedented sensory properties, with a quick break effect never obtained through a 100% natural emulsifier.

Biolie: A multifunctional active derived from beech seeds

**Sylver** is an original anti-aging active ingredient extracted from beech seeds. Beech, which can live up to 250 years, is often referred as the ‘tree of eternal youth’. Thanks to its exclusive extraction technology, Biolie has developed a multifunctional active ingredient rich in polyphenols and tannins. It stimulates the synthesis of collagen and protects the fibrillin from glycation. It reduces the production of cytokines IL6 and IL8, it helps against skin aging by redensifying the epidermis thanks to its activity on neuritogenesis.

Create Together

Discover a world of possibilities from the Croda Group, as their new interactive brochure highlights a portfolio of ingredients and inspired formulations in skin, sun, hair and colour cosmetics.

Visit www.crodapersonalcare.com/createtogether
BASF: Two natural anti-aging

At in-cosmetics 2017, BASF will launch two anti-ageing natural actives:

Oligolin™ is a multi-functional rejuvenating cure derived from 100% natural hydrolyzed linseed extract developed in partnership with Reims University. In vitro, the active stimulates epidermis thickness, tones up the dermal epidermal junction and re-densifies the dermis. It visibly contributes to a healthier skin and improves skin hydration and firmness. It complies with the Cosmos standard.

Collalift™ 18, an extract of the bark of African Mahagony, which improves the skin’s elasticity recovery and visibly reduces pores, lines, and wrinkles. It stimulates the synthesis of collagen 18, a key element of basement membranes in the skin and the only collagenous proteoglycan with biological activity present in all skin layers, from surface to deeper layers. Its efficacy has been evaluated as compared to a placebo after 56 days. The skin’s elasticity improved by 11%, pores and fine lines decreased by 38%, deep wrinkles by 16%. It is cosmos approved.
Gattefossé targets the eye and lip contours

**Gatuline® Link n Lift** has been specifically developed to lift the eye contour area. Obtained from organic horse chestnut flowers using NaDes technology, this active ingredient restores fibroblast dynamism and acts on the dermal-epidermal junction to firmly reconnect the epidermis to the dermis. The eye contour is redesigned and positive facial expressiveness is recovered. This active ingredient is sustainable sourcing. The horse chestnut flowers are manually picked in the Ardèche.

The company will also showcase the results of a new clinical study demonstrating the efficiency of **Gatuline® Expression AF** to fight expression lines around the lips. A clear reduction of the barcode wrinkles and bitterness folds has been assessed using instrumental techniques.
Codif wants to help counter balance the effects of hectic life

Codif Technologie Naturelle offers a pack of three solutions named **Hectic life solutions** to help the skin to face busy life and counter balances the effect of this hectic life on ageing, skin reactivity and body shape:

- **B-Shape** works on lipolytic mechanism. B-shape rebalances and boosts lipolytic activity. Body contours are reshaped within 2 weeks.
- **Areaumat perpetua** instantly soothes sensitive skins, reactivates defenses mechanisms weaken by hectic life and reinforces skin barrier.
- **Silenage** helps to correct signs of ageing. The biomechanical properties of the skin are reinforced thanks to an increase of dermis components and a biological rejuvenation of Dermis Epidermis Junction.

**Are you trying to juggle at least 4 tasks in a day?**

Discover 3 solutions to help your skin to follow the rhythm and face busy life.

VISIT US ON STAND EE48

www.codif-tn.com / infotech@codif-tn.com
DKSH: A line of fermented actives

DKSH in partnership with Radiant has created a line of fermented actives:

**Florant FG**, provides a whitening effect by inhibiting expression of inflammation. It contains a higher saponin content than common ginseng flower and through fermentation ginsenosides are reduced in size so that it is easy to absorb.

**Resverad**, through fermentation, its active content such as reseveratrol is increased. It helps to promote bright, clear skin.

Expanscience puts maracuja oil under the spotlights

**Passioline®** is a concentrate, rich in unsaponifiables obtained from maracuja oil and derived from the co-valorization of the Peruvian passion fruit juice industry. It promotes skin healing process to smooth any kind of skin imperfections (chapping, irritations, acne, burns, cuts and post-surgery lesions). It has shown remarkable efficiency in tissue repair and regeneration of the extra cellular matrix. Tested in vitro and in vivo with a challenging clinical study including a protocol of dermabrasion. 92% of the women who tested this active confirmed the soothing effect and the recovering of a soft skin.
Exymol announces a new photo-protective active ingredient

Photo-protection finds applications in relation to many cosmetic claims such as anti-aging, sun protection, or anti-pollution. By taking inspiration from nature, Exymol has developed and patented a bio-superior molecule. It is a conjugated derivative of thiomethylpropenoic acid, the isomer of Entadamide A which can be found in tropical lianas. The active ingredient is able to act as a photo-protector similarly to natural chromophores (melanin, tryptophan, urocanic acid, etc.) while avoiding undesirable effects - such as premature aging, inflammation, immunosuppression, etc. - often generated by these natural chromophores. The tests performed by Exymol demonstrated photo-protective, antioxidant and anti-inflammatory properties allowing to position this new active on the anti-immunosuppression segment. The active’s trade name will be unveiled at the show.
Givaudan: A series of new launches

**ResistHyal™** is the ultimate 7 in 1 hair beauty enhancer. This bio-active ingredient acting on keratin infrastructure with seven unique properties: molecular moisture buffer / keep natural volume / get rid of frizz / be resistant / be protected from pollution / be shiny and be soft. It contains an optimised ratio of low and high molecular weight hyaluronic acids which create a specific local molecular moisturising film around the hair fibre.

**Revivy™** is a holistic skin renewal accelerator supported by metagenomic analysis and stem cells research. It accelerates the entire skin regeneration process by 6 effects. Protection of epidermis stem cells / reactivation of cellular metabolism / stimulation of epidermis cells differentiation / reinforcement of skin barrier / reactivation of natural exfoliation / active protection of skin microflora. Discovered from Orobanche rapum, a unique European chlorophyll-free plant, it has been designed to deliver targeted actions from the lower to the higher layers of the epidermis.

**S3D® Millesime** is a precious lotion protecting, hydrating, resurfacing and illuminating your beauty. Givaudan Active Beauty has blended consumers’ need with some inspiration from the luxury codes of Champagne to create this new marketing concept.

**Under Control Spray** is a solution to beautify, protect and moisturise every strand of hair, while maintaining its natural volume from the roots to the tips.
Gelyma: The marine actives expert

**Gelyma** specialised in active ingredients enlarges its portfolio with two new marine actives.

**Firm’act** helps the skin fight against various environmental aggressors through hormesis-based prevention. It stimulates cell detoxification by overexpression of genes of MT-1 and MT-2 metallothioneins involved in free radicals generation, heavy metals detoxification process and photoprotection. It strengthens dermal structure by stimulating type I collagen and hyaluronan synthesis. Tested in vitro and *in vivo*.

**Phyco’derm** is designed for taking care of the delicate periocular area. It stimulates specific detoxifying systems and improves the dynamic structure of the extracellular matrix. Anti dark circles, anti puffiness, attenuation of fine lines and wrinkles of crow’feet

Evonik addresses the needs of sensitive skins

Evonik’s Personal Care Business Line will present three new product innovations:

- The tetrapeptide **TEGO® Pep4-Comfort**, an active ingredient for the care of sensitive skin that helps to reduce skin irritations such as redness and itching.
- **ANTIL® 500 Pellets**, a novel hydrophilic rheology modifier with “a superior thickening performance in aqueous surfactant systems.”
- The **Sensory Kaleidoscope 2.0**, a further development of Evonik’s innovative interactive tool, which helps to achieve the desired skin feel.
INNOVATIVE MARINE ACTIVES for your beauty

Products we offer concern:
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- barrier protection
- skin repairing
- skin energizing
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- sebum regulation
- soothing & sensitive skin protection
- body contouring
- lightening
- sun care
- tanning
- hair care

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NEW ImerCare® Opaque and Opaline
for opacity and pearlescence in gels and shampoos

ImerCare® Opaque
is a kaolin-based opacifier that provides:
~ high opacity and whiteness

ImerCare® Opaline
is a talc-based pearlising agent that imparts:
~ a unique nacreous effect

ImerCare® Opaque and Opaline can be used at all pH levels and with all ingredients.

Imerys: Two new minerals for gels and shampoos

Imerys Performance Additives will be showcasing two new developments to its all-natural ImerCare® mineral range:

ImerCare™ Opaque, a kaolin-based solution that imparts opacity and whiteness to gel and shampoo formulations, conferring a rich, creamy optical effect to beauty care gels. “Unlike synthetic opacifiers, ImerCare™ Opaque is neither pH nor ionic-surfactant sensitive. It is a one-size-fits-all solution for a wide range of gels and shampoos.”

ImerCare® Opaline, a talc that has been engineered to obtain a particle thickness, shape and particle size distribution which confers a highly pearlescent effect in shower gels and shampoos. It can be used at all pH levels and with all ingredients - even ionic.
Lipoid takes care of urbanites’ skins

**HerbaShield® URB** is a Cosmos-approved botanical active based on watercress, horsetail and nettle extracts. The active substances of the plants are embedded in a unique matrix of phospholipids and maltodextrin. It has a anti-pollution and detoxification activity to provide a natural protection for urban skin.

**Caffeine Herbasome®** is a multi-active liposomal complex composed of caffeine, niacinamide and natural phospholipids. In vitro studies have shown that the Herbasome® encapsulation technology significantly improves the controlled release of caffeine into the skin and its subsequent permeation through the stratum corneum. The complex can be easily incorporated in any skin care and hair care formulations.

Mibelle to launch two new actives

**InfraGuard®** protects the skin against the harmful effects of infrared by combining Caesalpina spinosa tannins which are powerful antioxidants with an extract of organic sunflower sprouts. Besides scavenging 100% of the ROS induced by IR inside the mitochondria, InfraGuard protects the functions and mitochondrial DNA and also skin collagen by blocking the synthesis of MMP-1. InfraGuard offers a considerable additional protection to UV sunscreens.

**SensAmone P5** is a biomimetic peptide that relieves the discomfort of sensitive and reactive skin. This peptide mimics the function of a protein present in the sea anemone venom which is capable of inhibiting TRPV1, responsible for the discomfort felt in the skin and hyperactive in sensitive skin. Tested in vitro and in vivo.

Oléos: An anti-ageing active for mature skins

**Lift Oléoactif®** is extracted from the leaves and flowers of Spilanthes acmella rich in limoleic acid, omega6 and co-enzyme Q10. It contains a vegetable tensor spilanthol in an oily form that facilitates its skin penetration. As an anti-ageing active dedicated to mature skins, Lift Oléoactif® differentiates itself by an action on marked wrinkles.
Naturex: A powerful natural active for hair care

Naturex will demonstrate the potential of Tillandsia Eutectys™ in a new concept haircare product called Flexi Hair Cream.

New addition to the Eutectys™ botanicals range, the Tillandsia extract enhances hair suppleness, increasing its manageability by reducing friction and making it easier to comb. Like every other ingredient in the Eutectys™ collection, this new active is produced using Eutectigenesis, a patented extraction process that involves Natural Deep Eutectic Solvents (NaDES).

Naturex will also unveil the results of two double-blind clinical trials involving its Cherry Blossom Eutectys™ active, which has been rebranded as Eliorelys™. The studies demonstrated the ingredient ability to improve significantly the appearance of the skin of subjects aged 40-50 and 51-60 years old thanks a protective effect against photo-ageing and repair benefits, with levels of carbonylated proteins and MDA (markers of lipids oxidation) significantly reduced versus a placebo.

Create a following
Consumers are listening for your unique story. Go to the next level, take risks, be empowered and see what’s possible.

Our specialty portfolio of Personal Care ingredients, formulation expertise and illustrative marketing campaigns ignite endless opportunities.

Dare to dream again
Univar, sparks inspiration and helps you break through boundaries.

Univar, be inspired
Visit us at in-cosmetics Global on stand LL20 at ExCel London to discover our latest innovations.
Provital reinforces the cells’ resilience with a new anti-ageing active

**Detoskin™** is a synergistic combination of peony extract and trehalose obtained biotechnologically from natural starch sourced from cassava. This active triggers mitophagy (a selective mechanism of autophagy related to mitochondria) to optimize energy production, detoxify cells from ROS, make them more resilient to damages and revitalize skin cells for an anti-aging effect.

Seppic : Mood Paint

At this edition of in-cosmetics, **Seppic** takes inspiration from the pictorial art with Mood Paint, a texture bar inspired by various movements painting (Street Art, Pop Art, Surrealism, Naïve Art, Renaissance Art) and cosmetic trends. Several ingredients from the Seppic portfolio will be highlighted, in particular:

**Contacticel™**, a skin-purifying active ingredient from Celebrity™, a macro-algae cell culture technology. This active offers the skin protection against pollution, it effectively reduces the sebum of skin exposed to a polluted atmosphere with a visible and lasting result.

**Subligana™**, a titrated extract of *Harungana Madagasариensis* from Madagascar. It is an anti-imperfections active ingredient for blemish and acne prone-skins.

Sun Chemical: New pigments

**SunShine Mystic Black.** The black pearl effect pigment achieves a unique combination of jetness, coverage, sparkle and luster. It is based on synthetic mica.

**SunCroma Dyes** line offers a vast portfolio of chemistries and colour spaces for decorative cosmetic

**Intenza** pearlescent pigments combines certified organic colorants with synthetic mica substrates resulting in remarkable hue and chroma without the need for intense grinding and milling.
Solabia: Focus on anti-pollution, anti-ageing and detox actives

On the occasion of in-cosmetics 2017, Solabia will focus on four key highlights:
• Anti-pollution and detox, with three different and complementary products for the skin and the scalp: Pollustop®, an anti-pollution shield fighting UV and chemical stresses, Invincity®, with new tests on hair protection, and Detoxi-Look®.
• Anti-Aging and lighthening with D-Glycargine®, already described for its effects on glycation and firmness, the active has been recently evaluated for its lightening properties with a “de-yellowing” effect...
• The Iroise Sea and its treasures. Following its new acquisition, Algues & Mer, the Solabia Group is strengthening and enriching its offer with extracts and active ingredients of marine origin while offering an exceptional sourcing on the island of Ouessant, classified “Biosphere Reserve of UNESCO”.
• Active Color®, a semi-customised offer of the company’s SolaPearls® (SolaShield® & SolaLift®) with 10 colours now available.

Sederma to launch new anti-wrinkle active

Sederma will present a brand new grade of its Matrixyl® Inside range with “remarkable mechanism of action and effects in the fight against ageing and wrinkles.”

Clariant: The first active to control the effect of indoor pollution

Clariant, which has launched a new start-up dedicated to new active ingredients inspired from nature, will introduce the first active resulting from the research of this new business. Eosidin™ is the first solution dedicated to control the impact of indoor pollution.

New formulations based on the company’s five GlucoTain® will also highlight that bubbles are no longer for decoration but can be functional too.
Silab: Two new actives

**Hairgenyl®** triggers hair dynamics to regain density. From biotechnological origin, rich in biopeptides from the yeast *Pichia minuta*, the active ingredient targets three regulators of hair regrowth: the mitochondrial activity, the expression of signaling molecules and the components in epigenetics. Hairgenyl® supports the biological activity of the dermal papilla and stimulates hair follicle growth. Tested over 8 months on a group of male volunteers, the active increases hair density and limits hair loss.

**Wellagyl®** is an unprecedented cosmetic active ingredient which responds to women determined to enhance their well-being while staying in harmony with their age: the aging well. Silab’s research has mapped in vivo the skin parameters involved in aging well, then modeled and compared in vitro the genetic and functional profiles of poorly aging and well aging cells and tissue. The active, rich in oligosaccharides from Bulgarian rose acts at the level of cells (on fibroblasts), of tissues (reactivates the metabolism), of individual (radiance, hydration, firmness). The natural beauty of mature skin is thus revealed.

Biocosmthetic to launch the first ingredient acting on Exosomes

The specialist in plant extraction and encapsulation will present Exoskin is the first anti-ageing ingredient acting on epidermis-dermis communication through intercellular messengers calls exosomes. It enhances cell communication and protects the skin against “inflamm’aging” while rejuvenating it.

See also:

**Vitadenia** comes from *Gardenia Tahitensis*. It helps to reinforce the skin’s barrier and reduces the signs of ageing.

**Eco-caps™** Triptonol is the second active ingredient from the Eco-Caps™ collection coming from green lipid technology. It erases skin imperfections by reducing the numbers of sports and blackheads while matifying the skin.

**Bee’Ethic** is coming from chestnut honey. Thanks to its content in escine known as blood flow activator, this active is suitable for tired legs.
scan and browse the website!

- free weekly newsletter
- suppliers news (pack, ingredients, etc.)
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- innovations, science, R&D
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BRAZILIAN BEAUTY AND COSMETICS MARKETS: TRENDS AND NEWS
72,107 visits / month  
(on average during the year 2016)

47,033 unique users / month  
(on average during the year 2016)

127,104 page views / month  
(on average during the year 2016)

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