



Cosmetagora 2017: BASF leads the way with new beauty routines, active ingredients and micro-proteins

- "Inspiring beauty rituals 2017" introduce three new routines that unveil emerging lifestyle trends
- New actives Dermagenist™ and Relipidium™ harness BASF's findings in epigenetics and microbiota
- New low-molecular weight proteins Nutrilan® Keratin LM and Gluadin® Kera-P LM repair, strengthen and protect the hair

Paris, France – January 10, 2017. At this year's Cosmetagora (booth 132-135-136) BASF will be presenting its "Inspiring Beauty Rituals 2017" collection to the personal care industry. "We will launch three new routines inspired by life. They provide a foresight of tomorrow's consumer expectations, including sensory experience, performances, recovery from external stresses and sustainable sourcing of ingredients", said Valérie Pian-Parison, Senior Operative Marketing Manager for BASF's Personal Care business in France. "Escape from urban life" targets consumers who wish to re-synchronize with nature. It introduces slow beauty and anti-pollutant cosmetics. "Achieve performance" focuses on efficacy and product personalization, harnessing BASF's findings in the fields of epigenetics and biomimetics, whereas "Smart & Seamless" includes minimalist formulations that support a simple, healthy lifestyle.

Dermagenist™: first active to benefit from BASF's findings on epigenetics

<u>Dermagenist™</u>, an extract from *origanum majorana* leaves, rich in Vicenin and Luteolin-7-0-glucuronide, is BASF's first active ingredient to reverse methylation in fibroblasts, re-engaging the cells in the

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production of extracellular components and collagen. At the same time, the active stimulates actin synthesis, thereby strengthening the cells' cytoskeleton. Fibroblasts regain their contractility, retrieve their strong adhesion and resume interactions with the surrounding dermal matrix. Dermagenist thus restores the skin's density and firmness and effectively reverses the visible signs of skin aging.

Relipidium™: BASF's first active to reverse skin dehydration by rebalancing the skin's microbiota

To reverse the vicious circle of skin dehydration caused by microbial dysbiosis, BASF has developed Relipidium™ – its first active ingredient that rebalances the skin's ecosystem to restore the skin barrier and to correct skin dryness. The active stimulates the synthesis of lipids in the epidermis, speeding up barrier recovery and strengthening the skin's defense. Relipidium is obtained from bacterial fermentation (yeast hydrolysate, biofermented by *lactobacillus plantarum*).

Nutrilan[®] Keratin LM and Gluadin[®] Kera-P LM: new micro-proteins repair hair on the inside

While many protein hydrolysates produce their effects on the hair surface or in the cuticle, BASF's new low molecular weight proteins Nutrilan® Keratin LM and Gluadin® Kera-P LM penetrate through the cuticle deep into the cortex. This is where they help rebuild the hair with missing protein building blocks and contribute to stress-relief. On the hair surface, both micro-proteins provide protection for the cuticle. Where normally free radicals cause protein degradation ultimately leading to weak hair, Nutrilan Keratin LM and Gluadin Kera-P LM reduce hair damage thanks to their double protective effect: Firstly, both proteins diminish the copper bond with hair and reduce damage caused by oxidative stress; secondly, they are able to intercept free radicals and thus prevent premature hair aging. Gluadin Kera-P LM is based on plant-derived protein building blocks. With an amino acid spectrum very similar to that of keratins of animal origin, it offers an alternative to conventional keratins.

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"Soothing cleansing butter" nominated for Cosmetagora Formulation Award

BASF's delicious "Soothing cleansing butter" melts on the skin during application and changes from a butter to a milky lotion, thus fulfilling consumers' desire for transforming textures. "Soothing cleansing butter" has been nominated for the <u>Cosmetagora Formulation Award 2017</u>.

About BASF's Care Chemicals division

The BASF division Care Chemicals offers a broad range of ingredients for personal care, hygiene, home care, industrial & institutional cleaning, and technical applications. We are the global leading supplier for the cosmetics industry as well as the detergents and cleaners industry and support our customers with innovative and sustainable products, solutions and concepts. The division's high-performance product portfolio includes surfactants, emulsifiers, polymers, emollients, chelating agents, cosmetic active ingredients and UV filters. Superabsorbent polymers developed for the full spectrum of hygiene applications complete the range. We have production and development sites in all regions and are expanding our presence in emerging markets. Further information is available on the Internet at www.carechemicals.basf.com.

About BASF

At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. The approximately 112,000 employees in the BASF Group work on contributing to the success of our customers in nearly all sectors and almost every country in the world. Our portfolio is organized into five segments: Chemicals, Performance Products, Functional Materials & Solutions, Agricultural Solutions and Oil & Gas. BASF generated sales of more than €70 billion in 2015. BASF shares are traded on the stock exchanges in Frankfurt (BAS), London (BFA) and Zurich (BAS). Further information at www.basf.com.