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INTELLOTRACKER

Anti-aging Skincare

May 2023



ARANCA'S QUARTERLY SECTORIAL UPDATE ACROSS FOUR DIMENSIONS....

Developments • Technology updates • Company expansions • Disruptive innovations • Competitor tracking • New product launches • Under-research technologies • Product USPs •	01 02 4D's	 Dynamics New entrants/ start-ups Supply chain activities New business 	models Company financials Other initiatives
Drivers • Government policies & Product ratings & regulations • Litigations • Litigations • Customer Insights	04 03	 Diversification Mergers & acquisitions VC investments Company collaborations 	 Licensing activities Exploring alternate applications



DEVELOPMENTS

Disruptive Innovation	pavīse	Pavise sunscreen with a transparent zinc oxide formula for daily use. It offers broad spectrum SPF 30, protects against UVA, UVB, and high energy visible light. The product combines treatment, moisturizer, and sunscreen in one, minimizing the need for multiple layers. Source: Forbes
Product Certification	JD	Jojoba Desert has announced that JD Phyto-Or 1% has achieved an 18.10 MyMicrobiome standard certification, ensuring it as a microbiome friendly product. It is an anti-aging active ingredient that protects and maintains the natural hydro-lipid skin barrier, evens skin tone and complexion, reduces wrinkles, resists extrinsic aging factors, and protects skin from ROS.
	A	Source: <u>Cosmetics and Toiletries</u> Circadia launched Serum 71, a product with anti-ageing and hyperpigmentation-fighting qualities. The serum is designed
Product Launch	CIRCADIA	to deliver brightening, lightening, and tightening effects for all skin types. Source: <u>Skin Inc</u>
Product Launch	Givaudan [©]	Givaudan announced the launch of RetiLife™, a molecule for anti-ageing and a breakthrough evolution for the cosmetic industry. This new active ingredient is the first 100% naturally sourced retinol. Source: <u>Company Website</u>
Product Launch	CLARINS	Clarins has launched a new luxury skincare line – Clarins Precious – derived from Moonlight Flower that blooms one night a year and is frozen at -196°C (-320.8°F) to harness an anti-aging cryoextract. Source: Beauty Packaging
Product Launch	Guinoi	Guinot has launched a "Masque Age Refill Summum" mask at spas across the United States. The mask is a nighttime intensive anti-aging treatment that stimulates the epidermal regeneration process when used three nights in a row every other week. Source: <u>Skin Inc</u>
Technology/ Innovations	5ilab	Silab has designed a new patented natural anti-ageing active ingredient named Senevisium obtained from Ginkgo Biloba. It acts transversally on the dermis and the epidermis to provide an anti-wrinkle action and a rapid radiance-boosting effect. <i>Source: Premium Beauty News</i>
Technology/ Innovations	Agrimer	Agrimer has developed a new ingredient, Alga filler (extracted from a self-regenerating seaweed-Codium tomentosum) to boost skin tissue's natural regeneration, improve dermal density and strengthen skin firmness. Source: Premium Beauty News
Technology/ Innovations	MYONGJI	Researchers from Myongji University in South Korea have found that the fruit of the cocklebur plant has antioxidant and anti- inflammatory components that could make it useful as a skin protectant. The cocklebur extracts also influences collagen production, a protein that gives skin its elasticity and prevents wrinkles. Source: <u>Science Daily</u>
Technology/ Innovations	b Bioiberica	A new peer-reviewed paper, published in the <i>International Journal of Molecular Sciences</i> , has concluded that Bioiberica's Dermial ingredient – the first hyaluronic acid matrix ingredient for skin and beauty innovation – exhibits anti-ageing, regenerative and antioxidant properties in skin cells. <i>Source: Nutraceutical Business Review</i>
Technology/ Innovations		Researchers from Poland have discovered the anti-aging capacity of the honey produced from the invasive plant species, <i>Pittosporum undulatum</i> , sourced from the Azores Islands. <i>Source: Personal Care Insights</i>
Technology/ Innovations	sederma	Sederma will feature its new active ingredient at stand J50 at In-Cosmetics Global 2023 in Barcelona. The new active ingredient fades both age and sun exposure pigmentation disorders for an even skin complexion. The ingredient is obtained from plant cell culture of scarlet bee balm leaves and offers sustainable attributes. <i>Source: Cosmetics and Toiletries</i>

	DRIVERS	
Government Policies and Regulations	MMPA CHINA	China's NMPA eases cosmetic ingredient safety info submission policies due to COVID-19 challenges. Registrants can submit their own documents for ingredients without codes, and the transition period is extended to Jan 1, 2024. <i>Source: Cosmetic's Design</i>
Government Policies and Regulations		FDA warns against purchasing and using unauthorized anti-aging cream, RETINLIFT. It lacks proper certification and poses health risks due to potential hazardous ingredients and contamination. Source: FDA
Influencers	ĽORÉAL	L'Oreal's YOUTHBOMB [™] 360 Radiance Concentrate, is creating a buzz among influencers. With 15 illuminating active ingredients, it promises dewy, glowing skin. Influencers rave about its transformative effects, calling it "magic" in a bottle and a "Rolls-Royce of serums." Source: <u>Hello Magazine</u>

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L'Oreal's anti-aging moisturizer, Olay Regenerist, is receiving praise from Boots shoppers for its overnight skin improvement. Consumer Insights L'ORÉAL L'Oreal's anti-aging moisturizer, Olay Regenerist, is receiving praise from Boots shoppers for its overnight skin improvement. With a skin-plumping formula, it targets aging-prone areas, offering firmer, younger-looking skin. Source: <u>Manchester Evening</u>

	DYNAMICS	
New Facility	innomost.	Innomost has opened a production plant in Europe to meet the international safety and quality standards for cosmetics and increase energy efficiency while minimizing the company's carbon footprint. Innomost's active ingredients improve the human skin's protective layer against impurities, delay the signs of ageing and maintain a healthy skin microbiome. <i>Source: <u>Cosmetics and Toiletries</u></i>
New Facility	CLARINS	Clarins group has announced to set up a new cosmetics production unit on a 13.5-hectare site France. The total investment is evaluated at around 135 million euros. Source: <u>Premium Beauty News</u>
Market Expansion		Unigen and Lehvoss personal care announced a distribution partnership in Europe for Unigen clinically proven and patented active ingredients. Through this partnership six of Unigen's ingredients have been added to the Lehvoss portfolio: Bakutrol® for acne, Soliprin™ for anti-aging and protection against UV-induced stress, Uniflavon™ for irritation, Preservatin™ as antimicrobial booster, Sveltrol™ for body firming and Lumicyn™ for hyperpigmentation. Source: Company Website
Market Expansion	Wingsloveliness	Hydrinity has announced a distribution partnership with Wings Loveliness to expand its market presence into Europe. Source: <u>Global Newswire</u>
Market Expansion		Elevai has formed a distribution partnership with Evolve to distribute" Elevai E-Series product range", a pre-and post-procedure skincare system developed with a proprietary stem cell exosome technology, to dermatologists and plastic surgeons in Canada. <i>Source: Practical Dermatology</i>

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Company Collaboration	CORINTHIA London Regenerative Institute	Corinthia London has announced a collaboration with the London Regenerative Institute to provide the most progressive, and effective regenerative treatments and remedies. Treatments will include oxygen therapies (for body rejuvenation), personalized supplements, facial regeneration, aesthetic therapies (skin boosters, botox, fillers), and beauty and body therapies (Hydrafacial, radiofrequency, PRP, micro needling and soft mesology). <i>Source:</i> <u>Skin Inc</u>
Company	DIOR	Dior has partnered with French LED technology specialist Lucibel to develop an anti-ageing mask. The two companies have recently launched Dior Skin Light, an LED anti-ageing mask that increases skin rejuvenation by stimulating the production of collagen and elastin.
Collaboration	Nucibel	Source: <u>Fashion Network</u>
Company	NUXE	Nuxe partners with DFS to showcase its two-step anti-ageing routine comprising Merveillance Lift and Super Serum products at Samaritaine Paris Pont-Neuf throughout February. Nuxe also launched a travel retail-exclusive pack for Merveillance Lift Cream.
Collaboration	DFS	Source: <u>The Moodie Davitt Report</u>
Mergers &	Givaudan ^e	Givaudan has secured an acquisition deal with Amyris, adding three key active ingredients – Neossance Squalane (moisturizer and anti-aging), Neossance Hemisqualane (Silicon alternative) and CleanScreen Z60SF (UV protection) – for commercialization to extend both companies product offerings and consumer reach.
Acquisitions	amyris	Source: Cosmetics Design

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SOLUTION PORTFOLIO – TECHNOLOGY RESEARCH & ADVISORY

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IP Strategy	Technology Intelligence	Growth & Strategy
How best can we proactively manage and monetise our technical knowhow / intellectual property?	How best can we keep abreast of technology trends, competitor activity and headwinds / tailwinds in our domain?	Which technologies do we invest in? How do we ensure quick wins? Speed to market?
 IP Portfolio Analysis 	 Competitor Benchmarking 	 R&D Strategy Roadmaps
 IP Monetisation 	 Tech / IP Landscapes 	 Technology Scouting
 IP Valuation 	 Technology Watch 	 Open Innovation
 Prior Art Searches 	 Market Analysis / Trends 	 Product Development



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