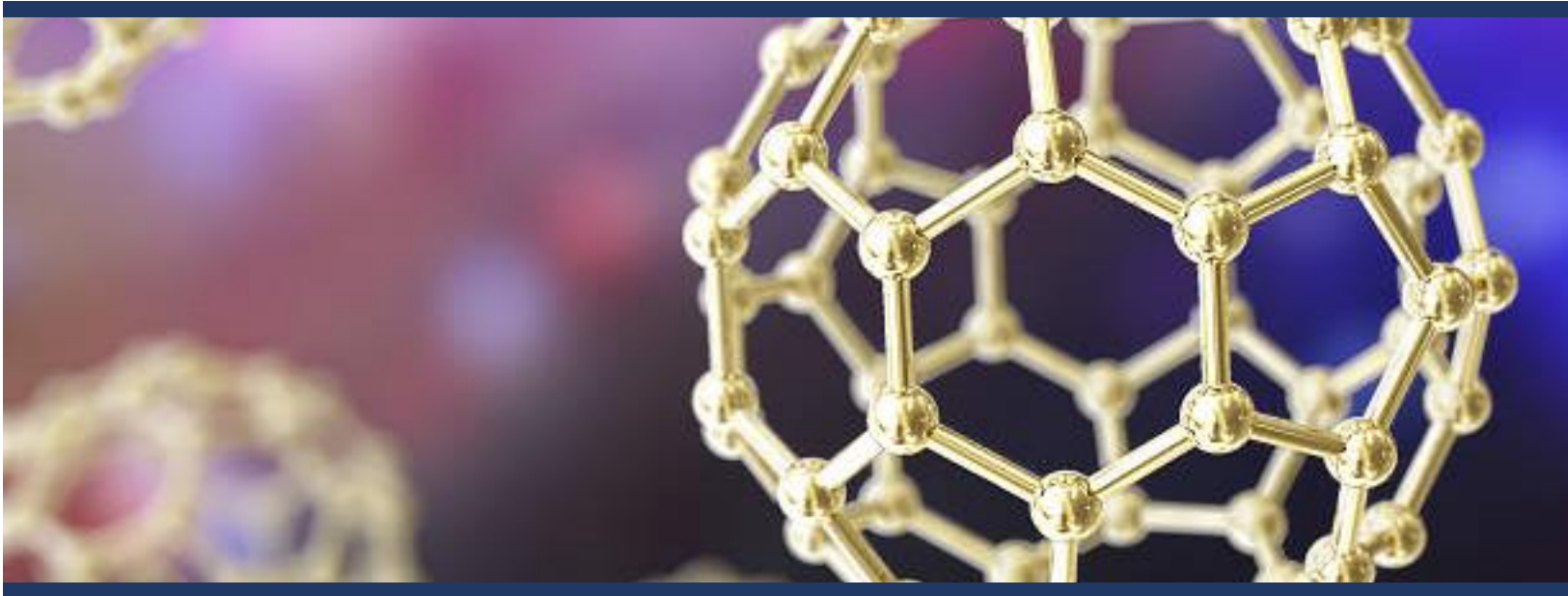


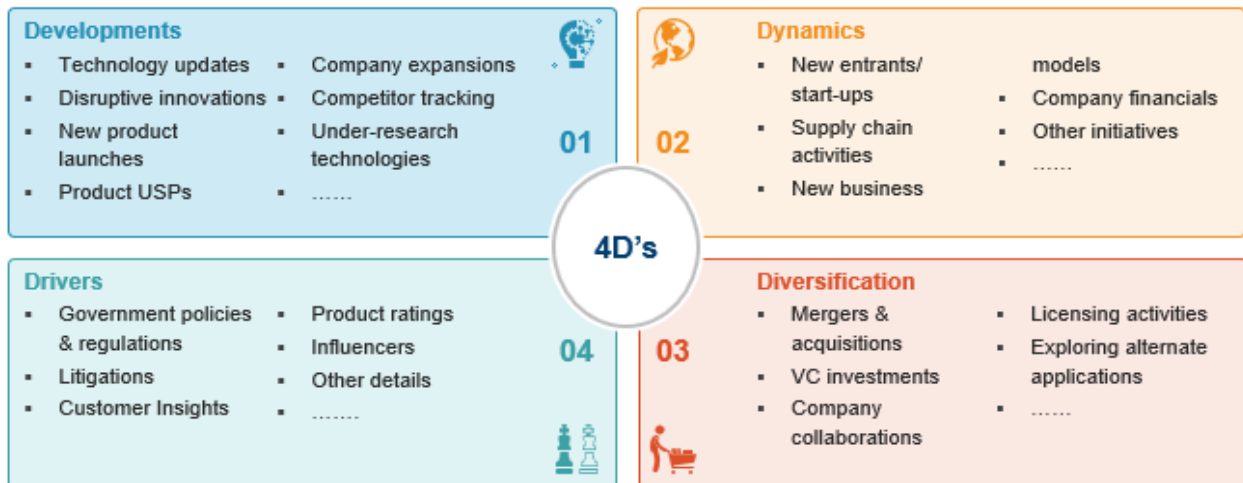
# INTELLOTRACKER

## Nanomaterials in Cosmetics

April 2023



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





## DEVELOPMENTS

Technology/ Innovations	UNIVERSITY OF GDANSK	<p>Researchers at University of Gdansk have synthesized new physical filters based on TiO<sub>2</sub>/Ag nanostructures. These cosmetic filters exhibit the best sun protection compared to other nanomaterials mainly due to the improved optical properties of the combination of noble metals (silver with TiO<sub>2</sub>).</p> <p>Source: <a href="#">MDPI</a></p>
Technology/ Innovations	Swansea University Prifysgol Abertawe	<p>Scientists at Swansea University in the UK are developing a 3D-printed vegan nose for patients who have lost their own due to cancer or an accident. The modern technology involves creating cartilage from nanocellulose hydrogel and hyaluronic acid, which can be 3D-printed to achieve the precise shape required.</p> <p>Source: <a href="#">Vegconomist</a></p>
Technology/ Innovations	sesderma <sup>x</sup> listening to your skin	<p>Sesderma Laboratories has developed an exclusive product line “Mesoses” that combats the signs of skin aging, such as lack of luminosity and skin hydration, and the appearance of wrinkles without the use of needles or magnetic waves. The product employs nanotech technology that reaches the deepest layers of the epidermis to restore its freshness and luminosity.</p> <p>Source: <a href="#">Company Website</a></p>
Technology/ Innovations	NRC	<p>Researchers at National research Centre, Egypt are developing the new polymer nanocomposite filters (carboxymethyl cellulose sodium/CuO nanocomposite films) for the efficient blockage of UV light that results from the stratospheric ozone layer loss.</p> <p>Source: <a href="#">University Website</a></p>
Product Launch	Dove	<p>Dove has launched a new body wash made using proprietary nanotechnology with millions of moisturizing microdroplets that help boost and retain moisture, for a full 24 hours to actively generate the skin's moisture.</p> <p>Source: <a href="#">Beauty Packaging</a></p>
Product Launch	BOKA	<p>Boka, an oral brand is launching nationwide (USA) into eight hundred locations. The brand has developed toothpastes using nano-hydroxyapatite (n-HA), the major component of tooth hard tissue and bone. n-HA make its product naturally restorative, gentle on sensitive teeth, and safe from further teeth sensitivity.</p> <p>Source: <a href="#">Happi</a></p>
Product Launch	Entod INTERNATIONAL	<p>Entod Pharmaceuticals has recently launched its new ocular aesthetic range (Eyecirque) (in India) focused on improving eye comfort and enhancing eye aesthetics. It claims that the Eyecirque range consist of the world's first nanotechnology-based gel serum, under-eye skin brightening and anti-ageing tablets, lubricating eye drops, and essential eye supplements.</p> <p>Source: <a href="#">PR Newswire</a></p>



## DYNAMICS




Market Campaign	NABU NANO COSMETICS	<p>Nabu nano cosmetics has partnered with Biuro Podróży Reklamy for an influencer marketing campaign aimed at achieving both image-awareness and sales objectives.</p> <p>Source: <a href="#">Company Website</a></p>
Market Campaign	nanophase <sup>2</sup> Nanotechnology Products	<p>Nanophase Technologies, a leader in minerals-based and scientifically-driven health care solutions across beauty and life science categories — with innovations that protect skin from environmental aggressors — announced that Solésence Beauty Science will make their debut as an exhibitor at MakeUp in Los Angeles, alongside the unveiling of “Beauty Now,” an accelerated launch program for brands.</p> <p>Source: <a href="#">Yahoo Finance</a></p>



## DRIVERS

Government Regulation	European Commission	<p>The European Commission's (EC) scientific advisory board, Scientific Committee on Consumer Safety (SCCS) has released its final opinion on the use of nano hydroxyapatite in oral cosmetic products. The SCCS notes that nano hydroxyapatite can be used in skincare products at concentrations of up to 5%.</p> <p>Source: <a href="#">Personal Care Insights</a></p>
Government Regulation	DGCCRF ansm	<p>A joint note on the definition of a nanomaterial in cosmetics was published by the two French authorities DGCCRF and ANSM.</p> <p>Source: <a href="#">CosmeticOBS</a></p>
Government Regulation	TRULUX European Commission	<p>Methylene Bis-Benzo triazolyl Tetramethyl butylphenol (MBBT), an ingredient of Tinosorb M (Nanosized UV filter), has been officially entered into Annex VI of the EU Cosmetic Regulation.</p> <p>Source: <a href="#">Company Website</a></p>

## SOLUTION PORTFOLIO – TECHNOLOGY RESEARCH & ADVISORY

		
IP Strategy	Technology Intelligence	Growth & Strategy
<p>How best can we proactively manage and monetise our technical knowhow / intellectual property?</p>	<p>How best can we keep abreast of technology trends, competitor activity and headwinds / tailwinds in our domain?</p>	<p>Which technologies do we invest in? How do we ensure quick wins? Speed to market?</p>
<ul style="list-style-type: none"> <li>IP Portfolio Analysis</li> </ul>	<ul style="list-style-type: none"> <li>Competitor Benchmarking</li> </ul>	<ul style="list-style-type: none"> <li>R&amp;D Strategy Roadmaps</li> </ul>
<ul style="list-style-type: none"> <li>IP Monetisation</li> </ul>	<ul style="list-style-type: none"> <li>Tech / IP Landscapes</li> </ul>	<ul style="list-style-type: none"> <li>Technology Scouting</li> </ul>
<ul style="list-style-type: none"> <li>IP Valuation</li> </ul>	<ul style="list-style-type: none"> <li>Technology Watch</li> </ul>	<ul style="list-style-type: none"> <li>Open Innovation</li> </ul>
<ul style="list-style-type: none"> <li>Prior Art Searches</li> </ul>	<ul style="list-style-type: none"> <li>Market Analysis / Trends</li> </ul>	<ul style="list-style-type: none"> <li>Product Development</li> </ul>



GROWTH  
ADVISORY



INVESTMENT  
RESEARCH  
& ANALYTICS



VALUATION  
& FINANCIAL  
ADVISORY



TECHNOLOGY  
RESEARCH  
& ADVISORY



PROCUREMENT &  
SUPPLY CHAIN  
INTELLIGENCE

This material is exclusive property of Aranca. No part of this presentation may be used, shared, modified and/or disseminated without permission. All rights reserved.