**Aptar CSP Technologies to Preview Two New Technologies   
for the Probiotics Market at Vitafoods Europe**

***Company will also give presentation on using active material science solutions***

***to optimize probiotic formulations for overall cost savings.***

*Auburn, AL, May 4, 2023* – **Aptar CSP Technologies,** part of AptarGroup, Inc. and a leader in active material science solutions to ensure product protection, extend shelf life and improve patient experiences, will preview two new technology innovations for the probiotics market at **VitaFoods Europe, Booth J60**, May 9-11 in Geneva, Switzerland.

Leveraging over 20 years of active material science expertise and building on its reputation as the go-to solution for probiotic protection, Aptar CSP’s latest innovations focus on stability solutions for powder-based and oil-based probiotics.

**Avanti** is a novel technology to address the probiotic mixology market, integrating Aptar CSP’s proprietary Activ-Polymer™ platform technology as an internal molded part inside a bottle cap containing dry powder probiotics. The cap separates the powder from the water until the user activates the cap with a push to disperse the powder into a traditional water bottle (Figure 1). The active material molded into the cap protects the probiotic powder against moisture and other environmental conditions that can impact potency and shelf life.

For oil-based probiotics, Aptar CSP will preview its **NEO** technology, a first of its kind material science solution that is fully submerged in oil to create a customized microclimate to adsorb latent moisture. This innovation builds on the company’s Activ-Film™ technology, which has been a marketed solution for oil-based probiotics for more than 10 years. Delivered as a small sphere molded from a unique Activ-Polymer™ formulation, **NEO** offers increased moisture absorption capacity relative to the Activ-Film solution and can help mix the ingredients upon shaking (Figure 2). This solution ensures optimal probiotic stability without impacting user experience.

“The probiotic market has been growing at a rate significantly outpacing projections since 2020, and manufacturers are looking at ways to differentiate and compete in this growing market, including offering alternate methods of delivering probiotics to consumers,” said Badre Hammond, VP Global Commercial Operations GM, APAC. “We developed Avanti and NEO to give manufacturers more tools to deliver innovative strains in different formats so they can grow their business.”

Also at the VitaFoods show, Billy Abrams, Sr. Vice President of Business Development for Aptar CSP Technologies, will give a presentation titled ***“Optimizing Probiotic Formulations:*** *Use of Active Packaging to Minimize Overages, Reduce Costs, and Improve Margins.”* The presentation will occur live at the event on May 10 at 2:30 p.m. CEST, and will also be available to pre-registered attendees on-demand on the Vitafoods event platform.

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**About Aptar CSP Technologies**

Aptar CSP Technologies is part of AptarGroup, Inc., a global leader in the design and manufacturing of a broad range of drug delivery, consumer product dispensing and active material science solutions and services. Aptar CSP Technologies leverages its active material science expertise to transform ideas into market opportunities, accelerate and de-risks the product development process, and provide complete solutions that improve consumers’ and patients’ lives. The company offers a complete set of services from concept ideation, to design and engineering, to product development, global production, quality control, and regulatory support that results in expedited speed-to-market. For more information, please visit [www.csptechnologies.com](http://www.csptechnologies.com) and [www.aptar.com](http://www.aptar.com).