Phase III topline results announced for the COVID-19 booster vaccine candidate

Hørsholm, Denmark, 27 June 2023 – ExpreS2ion Biotech Holding AB’s affiliate ExpreS2ion Biotechnologies ApS (“ExpreS2ion”) today provides an update on Bavarian Nordic’s Phase III clinical trial for ABNCoV2, a capsid virus-like particle (cVLP) based non-adjuvanted COVID-19 booster vaccine. Bavarian Nordic reports that the booster study successfully met its primary endpoint, demonstrating non-inferiority to mRNA-vaccine, and that the regulatory pathway will depend upon the outcome of secondary endpoints, reporting in the third quarter of 2023.

CEO Bent Frandsen comments:
“Bavarian Nordic’s reporting of meeting the primary endpoint in the Phase III clinical trial for ABNCoV2, their COVID-19 booster vaccine, is great. We look forward to seeing the secondary endpoints soon. It is worth noting, that the landscape for COVID-19 vaccine is very dynamic, but we see a clear validation of our ExpreS2™ antigen production system in combination with the VLP technology from AdaptVac, and the non-inferiority of ABNCoV2 to a state-of-the-art mRNA vaccine.”


About the cVLP COVID-19 vaccine product, ABNCoV2
Under the PREVENT-NCoV consortium, ExpreS2ion and its 34%-owned associate company AdaptVac have applied their unique Drosophila S2 insect cell protein production technology, ExpreS2™, and capsid virus-like particle (VLP) COVID-19 technology, respectively, to develop a novel next-generation COVID-19 vaccine, known as ABNCoV2. Bavarian Nordic has licensed the global commercialization rights to the ABNCoV2 COVID-19 vaccine and variants hereof. In the Bavarian Nordic-sponsored Phase II clinical trial, ABNCoV2 demonstrated a significant boost to the neutralizing antibodies against all tested variants, including the Omicron variants. Furthermore, six months post vaccination, neutralization titers were six times higher than pre-boost titers against Wuhan and nearly ten times higher than the pre-boost titers for Omicron BA.1. Compared to the data published for mRNA vaccines, the antibody decay appears less sharp, indicating a potentially longer duration of protection across variants of concern, which has been further evidenced in the twelve months post vaccination data.

Certified Adviser
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About ExpreS2ion
ExpreS2ion Biotechnologies ApS is a fully owned Danish subsidiary of ExpreS2ion Biotech Holding AB with company register number 559033-3729. ExpreS2ion has developed a unique technology platform, ExpreS2™, for fast and efficient non-clinical development and production of complex proteins for new vaccines and diagnostics. ExpreS2™ is regulatorily validated for clinical supply. The platform includes functionally modified glycosylation variants for enhanced immunogenicity and pharmacokinetics. Since 2010, the Company has produced more than 500 proteins and virus-like particles (VLPs) in collaboration with leading research institutions and companies. ExpreS2ion develops novel VLP based vaccines in association with AdaptVac ApS, of which ExpreS2ion owns 34%. For additional information, please visit www.expres2ionbio.com.