

Attana and ExpreS²ion Biotech have signed a Development & Supply Agreement

Attana AB ("Attana") hereby announces that it has signed a heads of terms agreement regarding the development and supply of novel proteins from ExpreS²ion Biotechnologies ApS ("ExpreS²ion"). The first target protein will be the ExpreS²ion-produced SARS-CoV-2 spike and receptor-binding-domain (RBD) antigen used in ExpreS²ion's COVID-19 vaccine program. Attana will now be able to offer customers utilising its AVA diagnostic platform, this and other novel ExpreS²ion proteins. The parties are not disclosing the commercial terms of the agreement.

In early June, ExpreS²ion [announced](#) that the capsid virus-like particle (cVLP) COVID-19 vaccine being developed by ExpreS²ion and its joint venture partner AdaptVac demonstrated excellent COVID-19 immunization with a very high level of SARS-CoV-2 virus neutralization in a mice model, thus reaching an important pre-clinical milestone ahead of schedule.

Attana assisted in the preclinical development of the vaccine by performing various studies on ExpreS²ion's novel antigen in its Attana Virus Analytics diagnostic platform (AVA) using the novel ExpreS²ion protein. By applying the receptor binding domain (RBD) of the SARS-CoV-2 spike protein (developed by ExpreS²ion) and anti-IgG antibodies, the Attana AVA platform successfully identified:

1. Degree of non-specific immune system response
2. Relative concentration of specific antibodies
3. Quality of specific antibodies
4. Relative concentration of SARS-CoV-2 IgG antibodies

Based on this positive outcome, ExpreS²ion and Attana have now agreed on commercial terms of a development and supply agreement that will enable Attana AVA customers to use this, and other ExpreS²ion-produced proteins.

ExpreS²ion's CEO Bent Frandsen comments:

"It is promising that we are able to increase the availability and usability of our SARS-CoV-2 antigen, and other ExpreS²ion-produced proteins, by signing this agreement with Attana. It will hopefully increase the attractiveness of both companies in the diagnostic sector. Based on the successful utilisation of the AVA platform in our COVID-19 vaccine program, it is also of interest to us to deepen our relationship with Attana considering our ambition to further broaden and advance our project pipeline."

Attana's CEO Teodor Aastrup comments:

"The AVA platform in combination with the novel SARS-CoV-2 antigen developed by ExpreS²ion has been shown to provide valuable insights into the immunological response to COVID-19. Having worked together with ExpreS²ion during the past few months, we are happy to today announce this agreement and look forward to also jointly developing additional novel proteins to broaden the application areas of our AVA platform."

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 300 proteins and 40 virus-like particles (VLPs) in collaboration with leading research institutions and companies. Since 2017, ExpreS²ion develops novel VLP based vaccines through its joint venture AdaptVac ApS. For additional information, please visit www.expres2ionbio.com and www.adaptvac.com.

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About Attana

Attana was founded in 2002 with the vision of *in-vitro* characterization of molecular interactions mimicking *in-vivo* conditions. Since then, Attana has developed proprietary label free biosensors for biochemical, crude, sera, and cell-based assays and the Attana Virus Analytics (AVA) platform, a proprietary in-vitro diagnostics (IVD) tool. Attana products and research services are used by Big Pharma, biotech companies and academic institutions within the life sciences. To learn more about our latest services and products, please visit www.attana.com or contact sales@attana.com