



PlasmidFactory is now part of a German AAV Network

- PlasmidFactory, SIRION Biotech, Vibalogics and PROGEN join forces regarding a full access platform for a start-to-finish AAV production network called the “ABC of AAV”

Bielefeld, Germany, May 09, 2018 – PlasmidFactory GmbH & Co. KG, the leading expert in the production of plasmids and *minicircle* DNA, today announces that the company will join forces with three other companies regarding adeno-associated virus (AAV) vector manufacturing. SIRION Biotech possesses one of the world’s most comprehensive viral vector engineering platforms, Vibalogics offers process development, cGMP manufacturing and fill & finish of products and PROGEN is an established manufacturer and supplier of AAV antibodies and AAV titer quantification ELISAs for gene therapy research.

The goal of the four German companies is to expedite timelines and facilitate workflow from plasmid manufacture to GMP production and analytics of recombinant AAV (see figure), offering clients in the field of gene and cell therapy a head start with their AAV vector needs. The network will make planning and execution of high quality AAV projects easier than ever before by providing a fast and open exchange of information. This enables adjustment of services and products and better customer support.

The “ABC of AAV”: Seamless workflow for optimized AAV production

PlasmidFactory has a wide range of AAV Helper & Packaging plasmids of the pDG/ pDP family for different AAV serotypes *In Stock*. These proprietary and worldwide exclusive plasmids support transfection of cells for AAV vector production, where the viral helper and packaging functions are located on only one plasmid. Furthermore, the company offers the production of individual ITR-containing AAV vector plasmids. PlasmidFactory’s 2-plasmid-system will facilitate the production of high AAV titers. As a further improvement, both plasmids can be replaced by *minicircles*. The strategic partnership between SIRION and Vibalogics offers a complete AAV vector service package. SIRION’s AAV optimization abilities flow seamlessly over to Vibalogics’ cGMP manufacturing services, providing fully customized vectors while saving many critical months of process development before obtaining a fully released GMP product for clinical trial use. As a final step, necessary for safe and reliable gene transfer, PROGEN’s ELISA kits enable the reliable and reproducible quantification of purified AAV vector preparations.

The compatibility of the AAV services and products of the four networking partners is market proven. The performance of PlasmidFactory’s plasmid portfolio for AAV serotypes as well as of the ELISA kits offered by PROGEN has been tested by SIRION. PROGEN in turn has utilized SIRION’s qPCR services to validate their internal standard for ELISA calibration.

Scientists in AAV gene therapy R&D now have the opportunity to optimize their workflow with the reliable and integrated products of the ABC-toolbox.

About the companies

PlasmidFactory GmbH & Co. KG is a biopharmaceutical company founded in 2000 in Bielefeld, Germany. It has since developed into an international market leader for plasmid and *minicircle* DNA manufacturing. In addition to custom manufacturing and marketing of *In Stock* products, PlasmidFactory focuses its research and development efforts on its core competencies in the production, analysis, application, and storage of plasmid and *minicircle* DNA.

SIRION Biotech GmbH possesses one of the world's most comprehensive viral vector technology platforms addressing all three major vector types – Lentivirus, Adenovirus and AAV. Services range from custom virus engineering and production to LV-transduction and AAV-capsid optimization for clinical developments.

Vibalogics GmbH is a privately owned contract development and manufacturing organization (CDMO) offering services for companies committed to developing therapeutic and prophylactic vaccines and biological products. With a specific focus on viruses, live bacteria and aseptic processing, Vibalogics works in full compliance with international GMP standards in a BSL-2 classified state of the art facility in Germany.

PROGEN Biotechnik GmbH is an established manufacturer and supplier of premium antibodies, in vitro diagnostics, and reagents for the global life science research community. The company's portfolio attracts and serves a well-diversified clientele in research institutes and universities, pharmaceutical and biotech companies as well as private and clinical laboratories. While PROGEN's antibodies are among the most published antibodies in biomedical and cell biology literature, its ELISA kits aim at niche markets in microbiology, infectious diseases, and immunology.

Have a look at ABC-of-AAV.com

Contact

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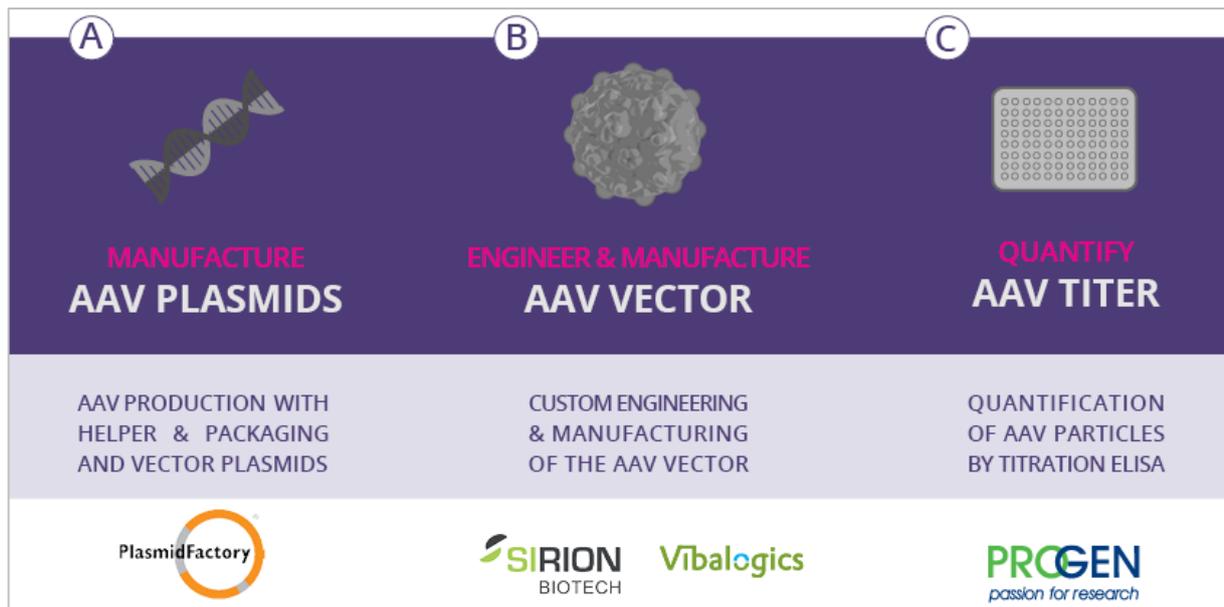


Figure: The “ABC of AAV” network enables a seamless workflow for an optimized R&D process in AAV gene therapy