Medvacon Contributes to mRNA Vaccine Production to Prevent COVID Virus

November 20, 2020 - (Sparta, NJ) - Medvacon Life Sciences—a Quality, Compliance and Validation consulting company—is contributing to the mRNA production of vaccines to prevent the COVID-19 virus by ensuring that the cutting-edge technology meets the stringent expectations of the FDA. Medvacon is supporting companies in the areas of process validation, verification, cleaning validation, facility and utility qualification as well as process development.

"*We are proud to be supporting companies developing mRNA-based products in support of the ongoing efforts to develop a COVID-19 vaccine*," said Joe Toscano, one of the founding members of the life sciences company. "*We have a depth of industry experience and expertise to support these companies in rapidly developing markets and launching their new products to meet the urgent demands of COVID-19 vaccine development*," he continued.

As current demand for commercial-scale GMP (Good Manufacturing Practices) RNA and plasmid products have seen rapid growth recently, and pharmaceutical, vaccine, and biotech companies are rapidly expanding their current manufacturing capacity to meet demand. RNA stands for ribonucleic acid, a nucleic acid present in all living cells. Its principal role is to act as a messenger carrying instructions from DNA for controlling the synthesis of proteins, although in some viruses, RNA rather than DNA carries the genetic information. DNA is a self-replicating material that is present in nearly all living organisms as the main constituent of chromosomes. It is the carrier of genetic information.

Medvacon is helping to expand current manufacturing capacity to best-in-class GMP capping reagents with GMP filling capabilities at full commercial scale, including the design and building of state-of-the-art facilities for mRNA and DNA-based components in support of commercial-scale GMP production. Medvacon is supporting clients in the areas of validation support activities, including: equipment qualification, facility and utility qualification, cleaning validation, validation planning, supporting quality documentation, as well as conducting process verification & validation The FDA defines process validation as establishing by objective evidence that a process consistently produces a result or product meeting its predetermined specifications.

Medvacon is a full-service Quality and Compliance consulting firm offering a suite of quality services such as: Quality Systems Implementation and Remediation; Computer System Validation; Process and Cleaning Validation; Equipment, Facility and Utility Qualification; Mock FDA Inspections and Audits; Project Management; and cGMP Training. These services help clients to ensure FDA Compliance and reduce compliance cost in the Life Sciences' industry. The company provides experienced project administration, trouble-shooting, and/or training services, on-site, with local resources and senior management involvement to optimize flow and collaboration. Headquartered in Sparta, NJ, Medvacon Life Sciences also has offices in San Diego California. More information can be found at www.Medvacon.com.