

# Virus-Like Particles (VLPs) Trends: Market Research Report

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## Abstracts

The report analyzes and presents an overview of Virus-Like Particles (VLPs) market worldwide. 'Virus-like particles or VLPs bear high structural resemblance to viruses, though completely non-infectious in nature due to the absence of viral genetic material. While lacking the DNA material, VLPs retain key immunological characteristics of viruses including particulate structures; repetitive surfaces; and capability to induce innate immunity by activating molecular-pattern pathogen-associated recognition receptors.'

The report also provides a review of types, medium of production, quantification, applications, and advantages of VLPs over conventional vaccines along with strategic industry activities of major companies worldwide. In addition, 10 companies operating in the Direct Attached Storage (DAS) arena worldwide including Cytos Biotechnology AG, Medicago Inc., Novavax Inc., Redbiotec AG, Virometix AG, VLPbio - The Vaccines Company and other are profiled.

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Novavax Commences Animal Studies on H7N9 VLP Vaccine  
Medicago to Increase Production Capacity of Pilot Facility  
Medicago Completes Preclinical Studies on New VLP Vaccine Candidate against Rabies  
Novavax Concludes Phase I Clinical Trials on A/H5N1 Vaccine Candidate  
Medicago and USAMRIID Ink Research Collaboration Agreement  
Novavax Secures Contract from Biomedical Advanced Research and Development

#### Authority

Medicago and PT Bio Farma Ink Memorandum of Understanding

Medicago Files Patent Applications for New VLP/Recombinant Proteins Production

#### Methods

Novavax Receives US Patent for Influenza VLP Vaccine Technology

Novavax Concludes Phase II Clinical Trial on Trivalent Seasonal Influenza VLP-based Vaccine Candidate

### **3. MARKET PARTICIPANTS**

Cytos Biotechnology AG (Switzerland)

Icosagen AS (Estonia)

Medicago, Inc. (Canada)

Medigene AG (Germany)

Novavax, Inc. (USA)

Oxford Expression Technologies Ltd. (UK)

Paragon Bioservices, Inc. (USA)

Redbiotec AG (Switzerland)

Virometix AG (Switzerland)

VLPbio - The Vaccines Company (Spain)

### **4. APPENDIX**

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