

\*\*\*\*Published January 2023\*\*\*\*

## Vaccines/mRNA Strategic Pipeline Review (CAT: VAMV084)

<b>Product Name</b>	:	<b>Vaccines/mRNA Strategic Pipeline Review</b>
<b>Description</b>	:	Global vaccine R&D analysis – Industry only
<b>Contents</b>	:	Executive presentation (>120 slides.pdf) + 1 x MS-Excel Workbook (>1600 trials, >250 companies, 90 pathogens)
<b>Therapeutic Area</b>	:	<b>All vaccines (general)</b>
<b>Publication date</b>	:	January 2023
<b>Catalogue No</b>	:	VAMV084

### Background

Analysis of the current and historical **vaccine research and development (R&D) pipeline** is a critical component of any organisation's competitive intelligence effort. This exercise can inform both internal & external decision makers and input into many processes, including strategic portfolio management, business development and licensing, R&D prioritization and corporate development/investment. Key challenges with the analysis are that, not only is the vaccine pipeline dynamic, but a historical view requires skilled judgement during curation, especially when assigning new fields which can produce meaningful outputs.

This **Q1 2023** Vaccine Strategic Pipeline Review (industry only) contains analysis of >1600 total clinical trials operated by >230 companies and investigates current and historical vaccine trial activity by inserting a range of new fields including: vaccine type/production system/adjuvant\*, infectious diseases, chronic conditions or cancer, pathogen/condition (~90 included), market segment, study duration and company size (Small, Medium and Large) and more. Using the **MS-Excel workbook database provided**, a range of tabular and graphical outputs help visualize competitive activity [current/past] and investment in various segments/pathogens relative to each other and the academic sector. These outputs form the basis of a gap analysis or heatmap that could guide future investment especially regarding new nucleic-based approaches.

A **mRNA vaccine landscape** focus section is now included with an emphasis on newly emerging **seasonal influenza** programs including mRNA-1010, mRNA-1020/30, mRNA-1073 (ModernaTX), PF-07252220, PF-07852352 (Pfizer)<sup>1</sup>, GSK4382276A (GSK) and SP0273 (Sanofi). Companies possessing mRNA technologies within the COVID-19 space are considered with an indication of the level of Self-amplifying technologies[SAM] and other novel formats. Possible acquisition/alliance targets (currently >50 companies, 200 programs) within the earlier stage **mRNA/RNA tech ecosystem** are identified with a unique classification.

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<sup>1</sup> also PF-07836391, PF-07836394, PF-07836395, PF-07836396, PF-07867246

## Methodology

**VacZine Analytics** has closely monitored all significant source material pertaining to vaccine research & development activity. Source materials used are global clinical trial registries, literature articles, government websites, medical bodies and associations, conference proceedings etc. Previously published research by **VacZine Analytics** in the field of vaccines been used as a reference.

### PRODUCT CONTENTS:

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\*\*\*\*This product is a [summary presentation \(.pdf\)](#), and a [MS Excel Workbook \(.xls\)](#)

#### Contents – Summary presentation (.pdf)<sup>2</sup>

Contents  
Author's notes  
Executive summary  
Methodology 1)  
Methodology 2)  
Pathogens and conditions identified  
Market segment definitions  
Number of vaccine clinical trials identified  
Number of vaccine clinical trials: cancer vs non cancer  
Number of vaccine clinical trials: activity status  
Number of vaccine clinical trials: by Phase 1-4  
Number of vaccine clinical trials: per pathogen condition  
Number of vaccine clinical trials: per segment/activity  
Number of vaccine clinical trials: per company size  
Number of clinical trials per company size  
Large companies involved in vaccine clinical trials  
Medium companies involved in vaccine clinical trials  
Small companies involved in vaccine clinical trials  
Large companies: past/current clinical trials per market segment  
Large companies: past/current clinical trials per pathogen/condition  
Large companies: verified active programs by Phase, Q3 2022  
Large companies: verified active programs by segment, Q3 2022  
Large companies: verified active programs by pathogen, Q3 2022  
Proprietary analysis (*titles not disclosed*)  
Caveats and limitations of the analysis  
Bibliography  
About **VacZine Analytics**  
Disclaimer

**PAGES: >120 slides** fully referenced/sourced. Available in .pdf form

**Contents – MS Excel Workbook**  
**Worksheets = >50 interconnected**

<sup>2</sup> Full contents i.e., title per slide is proprietary and only available upon request

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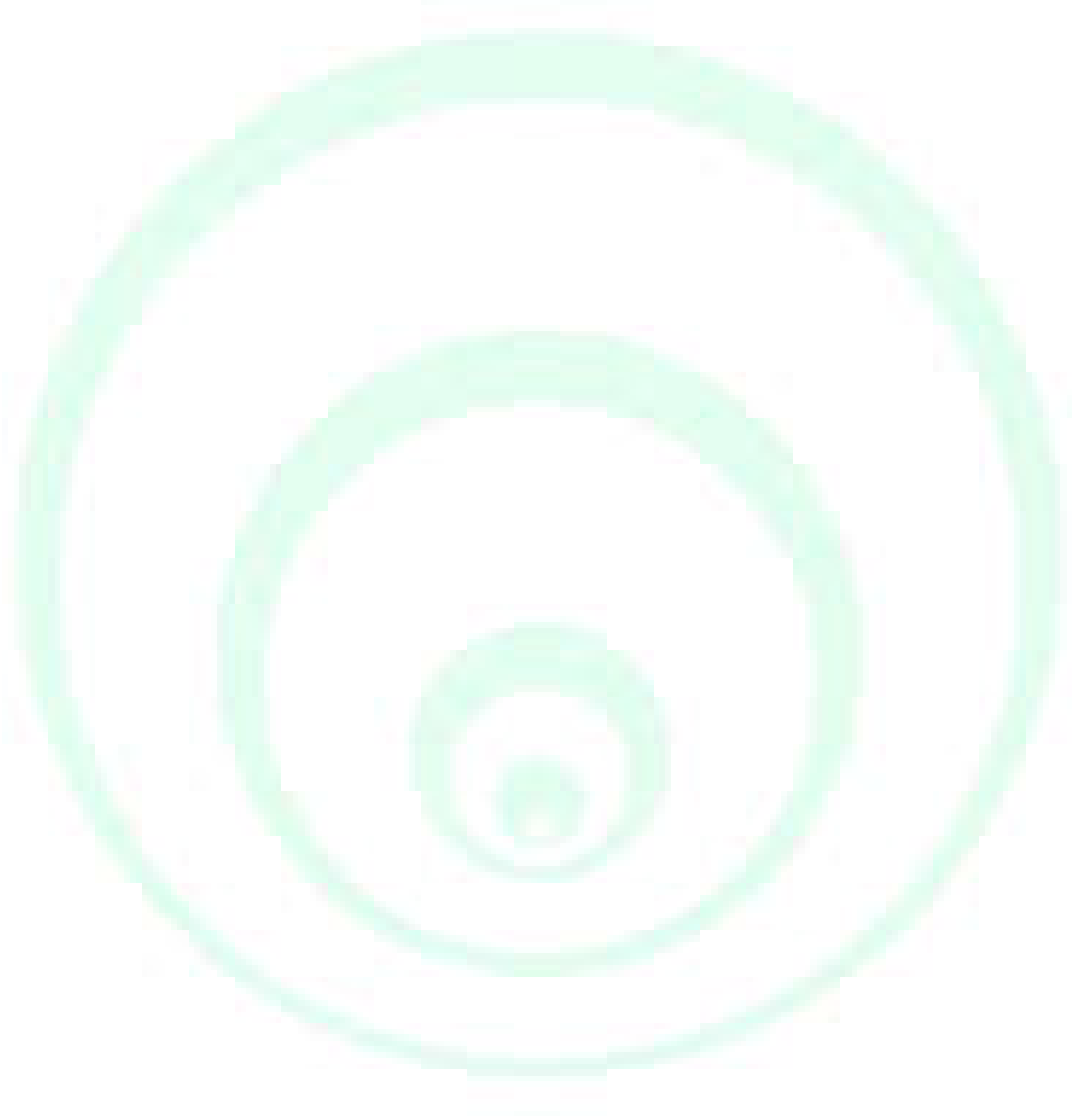
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## BIBLIOGRAPHY

References – only available upon valid request



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## About VacZine Analytics:

**VacZine Analytics** is an established strategic research agency based in the United Kingdom. Its aim is to provide disease and commercial analysis for the vaccine industry and help build the case for developing new monoclonals and biologics.

For more information, please visit our website [www.vacZine-analytics.com](http://www.vacZine-analytics.com)

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