Protein Therapeutics: Monoclonal Antibodies, Plasma Proteins, Vaccines, and Other Treatments, Global Market

Description: The substances utilized for what is commonly referred to as ‘protein therapeutics’ have one thing in common — they are all composed primarily of å-amino acids; and these å-amino acids are linked together by a distinct chemical bond known as a “peptide” bond. Used in a variety of areas of medicine, they are among the most interesting pharmaceutical markets.

Above-Average Growth Rates

What makes protein therapeutics interesting? The market for protein-based therapeutics is one that is significant in its size and growing at a rate that is well above what one would call “average” for the therapeutics/pharmaceuticals industry. This makes them a continual topic of interest for researchers examining the pharmaceutical markets. Protein Therapeutics: (Monoclonal Antibodies, Plasma Proteins, Vaccines and Other Treatments) takes a detailed look at this market.

The substances detailed in this report include:

- Monoclonal Antibodies
- Antithrombins
- Cytokines
- Growth Hormones
- Hematopoietics
- Insulin
- Plasma Proteins
- Vaccines
- Miscellaneous

For each of these categories, market forecasts to 2012 are provided.

A Thriving Field with Abundant Competition

At the present time, there are at least 213 companies active in various aspects of protein-based therapeutics development. This is at, or greater than, the saturation level for the industry at this time. Presently, the industry is at equilibrium — companies at the lower end leaving and entering at about the same rate and a small number of protein-based therapeutics companies being acquired by the more-established participants.

A Report That Answers Key Questions about the Market

Dr. Kenneth Krul, PhD has surveyed the marketplace and in this volume reviews the key findings and conclusions about the current state of protein therapeutics. The report features forecasts for the main groups of protein therapeutics. Among the questions answered in this report:

- How large is the market; how fast is the market growing; and is such growth sustainable?
- What does the pipeline of products that are expected to sustain this growth look like?
- To what extent is the growth in this market dependent on production introduction versus price-point for these products?
- Is the development pipeline filled with similar products or direct alternatives such that product competition will be strong enough to significantly affect price-point?
- What is the industry structure like? What changes can be expected in the structure of the industry and how will these changes affect market size and growth?

Contents:

- TABLE OF CONTENTS
- CHAPTER ONE: EXECUTIVE SUMMARY
  - Scope and Methodology
Market Analysis
Trends and Considerations

CHAPTER TWO: PEPTIDES, PROTEINS, ENZYMES AND ANTIBODIES
Peptides
Tachykinin Peptides
Vasoactive Intestinal Peptides
Pancreatic Polypeptide-Related Peptides
Opioid Peptides
Calcitonin Peptides
Other Peptides
Proteins
Enzymes
Coenzymes
Antibodies
Allotype

CHAPTER THREE: CLINICAL APPLICATIONS OF PROTEIN-BASED THERAPEUTICS
Advantages of Protein Therapeutics
Group I: Enzymes and Regulatory Proteins
Group II: Targeted Proteins
Group III:
Toward the Future

CHAPTER FOUR: MARKET ANALYSIS
Growth Rate
Forecast
Trending By Product Class
Vaccines Market Forecast
Antithrobins Market Forecast
Hematopoietics Market Forecast
Insulin Market Forecast
Growth Hormones Market Forecast
Plasma Proteins Market Forecast
Trending by Product Class
Pipeline

CHAPTER FIVE: COMPANY SNAPSHOTs
Agennix
Altus Pharmaceuticals
Amgen
Amylin Pharmaceuticals
Biogen IDEC
BioMarin Pharmaceutical, Inc.
Cell Genesys, Inc
Eli Lilly & Company
Genentech, Inc.
Genzyme Corporation
Human Genome Sciences
Medarex
Neose Technologies, Inc.
Novo Nordisk, Inc (USA)
Regeneron Pharmaceuticals, Inc.
Xoma, Ltd.

CHAPTER SIX: CONCLUSIONS AND STRATEGIC IMPLICATIONS
First Conclusion
Second Conclusion
Third Conclusion
Fourth Conclusion
Fifth Conclusion
Sixth Conclusion
Seventh Conclusion
Eighth Conclusion
Ninth Conclusion
Tenth Conclusion

APPENDIX A: GLOSSARY

TABLE OF EXHIBITS

CHAPTER ONE: EXECUTIVE SUMMARY
Table 1-1: Estimated Global Market for Protein-Based Therapeutics by Major Product Class: 2008 - 2018
Figure 1-1: Trending in the Global Market for Protein-Based Therapeutics: 2008 - 2018
Figure 1-2: Trending in the Protein-Based Therapeutics Global Market by Product Class: 2008 - 2018

CHAPTER TWO: PEPTIDES, PROTEINS, ENZYMES AND ANTIBODIES
Table 2-1: The Naturally Occurring Amino Acids
Table 2-2: Significant Peptides in Biological Functions
Table 2-3: Key Features of Immunoglobulin Isotypes
Table 2-4: Immunoglobulin Functional Properties

CHAPTER THREE: CLINICAL APPLICATIONS OF PROTEIN-BASED THERAPEUTICS
Table 3-1: Replacement Protein Therapeutics: Subgroup Ia
Table 3-2: Augmenting Protein Therapeutics: Subgroup Ib
Table 3-3: Protein Therapeutics with a Novel Function Activity: Subgroup Ic
Table 3-4: Protein Vaccines: Subgroup IIa
Table 3-5: Drug Delivery Protein Therapeutics: Subgroup IIb
Table 3-6: Protein Vaccines: Group III

CHAPTER FOUR: MARKET ANALYSIS
Table 4-1: Estimated Global Market for Protein-Based Therapeutics by Major Product Class: 2008 - 2018

Figure 4-1: Trending in the Global Market for Protein-Based Therapeutics: 2008 - 2018

Figure 4-2: Trending in the Protein-Based Therapeutics Global Market by Product Class: 2008 - 2018

Figure 4-3: Trending in the Protein-Based Therapeutics Global Market by Product Class: 2008 - 2018

Figure 4-4: Biopharmaceutical Approvals by the United States FDA: 1988 - 2007

Table 4-2: Biopharmaceuticals Approved by the FDA: 2006 - 2008

Table 4-3: Global Markets for Cytokines, Vaccines and Hematopoietic Factors: 2008 - 2018

Table 4-4: Companies Engaged in Protein-Based Therapeutics Development

Ordering:
Order Online - [http://www.researchandmarkets.com/reports/2860878/](http://www.researchandmarkets.com/reports/2860878/)

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Protein Therapeutics: Monoclonal Antibodies, Plasma Proteins, Vaccines, and Other Treatments, Global Market
Web Address: http://www.researchandmarkets.com/reports/2860878/
Office Code: SC6IYJRB

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF)</td>
<td></td>
</tr>
<tr>
<td>Single User:</td>
<td>USD 995</td>
</tr>
<tr>
<td>Electronic (PDF)</td>
<td></td>
</tr>
<tr>
<td>Enterprisewide:</td>
<td>USD 1990</td>
</tr>
<tr>
<td>Hard Copy:</td>
<td>USD 3895 + USD 57 Shipping/Handling</td>
</tr>
</tbody>
</table>

* Shipping/Handling is only charged once per order.

Contact Information
Please enter all the information below in BLOCK CAPITALS

<table>
<thead>
<tr>
<th>Title:</th>
<th>Mr</th>
<th>Mrs</th>
<th>Dr</th>
<th>Miss</th>
<th>Ms</th>
<th>Prof</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Last Name:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email Address:</td>
<td>*</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Job Title:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Organisation:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>City:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Postal / Zip Code:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Country:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phone Number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fax Number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code:

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World