

Date & Venue: August 10-12, 2015 San Francisco, USA

(Theme: Recent Advances in Separation Techniques for the Future Benefits)

## Summary:

It gives us immense delight to welcome you to join us at the International Expo on Separation Techniques.

International Expo on Separation technique will bring together developers, users, academicians and researchers for sharing and exploring new areas of research and development and to discuss emerging issues. There will be many seminars, workshops and technical sessions take place which will catch the attention of the professionals to attend the conference and it would enormously enrich our knowledge in understanding the current requirements of the global pharmaceutical industry. The expert will get an excellent opportunity to give many presentations and lectures on different topic and will also present their case studies.

For more details please visit- <http://separationtechniques.conferenceseries.com/>

## Importance & Scope:

Separation Science is the leading global portal for fundamentals, best practice and troubleshooting information for users of chromatographic and mass spectrometric techniques. Featuring articles, applications, webinars, workshops and conferences, Separation Science is the industry's 'go to' information resource.

- Separation technology is fundamental to all chemical production processes.
- The separation techniques used are common to a range of industries and are continuously developing. As with cross-industry best practice, the application of processes and developments in one industry can find applications in another, which may be completely unrelated.
- Separation Science is the leading global portal for fundamentals, best practice and troubleshooting information for users of chromatographic and mass spectrometric techniques. Featuring articles, applications, webinars, workshops and conferences, Separation Science is the industry's 'go to' information resource.

## Why San Francisco?

San Francisco, officially the City and County of San Francisco, is the 4th most populous city in California and the 12th most populous city in the United States, with a 2008 estimated population of 808,977. The only consolidated city-county in California, it encompasses a land area of 46.7 square miles (121 km<sup>2</sup>) on the northern end of the San Francisco Peninsula.

San Francisco, transformed by online technology advances and fully international in operations since 2005. Doing more with less, today's association management professionals need high level technical skills and the ability to not only adapt quickly to new technologies but to be able to evaluate and customize the best available technologies to the individual needs of the association. International expo on separation techniques will bring together the world's preeminent academic, government, and industrial scientists who will contribute cutting-edge presentations on emerging applications and processes.

## Conference Highlights:

- Solid Liquid Separation
- Solid Gas Separation
- Membrane Processes
- High-Impact Application Fields

- Themes of Emphasis
- Novel Techniques
- Analytical Techniques in Immuno Chemistry
- Advances in Chromatography and Mass Spectrometry
- Product Related Processes
- Diagnostic Assay and technique

## Why to attend???

Exhibitions are open to a large and sometimes diverse range of audiences (usually the general public). This provides them with a perfect platform to promote their product or service to a broader group that may have little or no knowledge of their products and services. Being involved in a trade show or exhibition can provide them with opportunities to branch out to business-to-business trading and create a customer database from the visitors to their display booth.

Provides an invaluable opportunity to stay up-to-date and ahead on the latest innovations and legislation. Unrivalled opportunity to do business and network with thousands of senior decision makers looking to discover the latest benefits solutions to engage their staff.

Sales – via a targeted audience of qualified buyers at specialized industry events who have come to see you.

The warmth of personal contact in face-to-face meetings. Opportunities for your audience to see touch or try before buying. A strong brand building environment via product demonstrations, seminars, conferences and sponsorship opportunities. The chance to promote brand loyalty via technology displays, hospitality and networking events.

A unique opportunity for the Exhibitor and Sponsors at The International Expo on Separation Techniques-

<http://separationtechniques.conferenceseries.com/exhibitors.php>

<http://separationtechniques.conferenceseries.com/sponsors.php>

## Major Separation Techniques Associations around the Globe

- American Chemical society
- Society of Analytical Psychology
- Analytical chemistry
- American Oil Chemists' Society
- Biochemical Society

- Separation Science and Chemical Analysis
- Association of Separation Scientists and Technologists

### Major Separation Techniques Associations in San Francisco, USA

- European society of Separation Sciences
- Society of the Spectacle
- World Nuclear Associations
- Societies for the science and public
- Association of Separation Scientist and Technologies

### Statistical Analysis of Associations

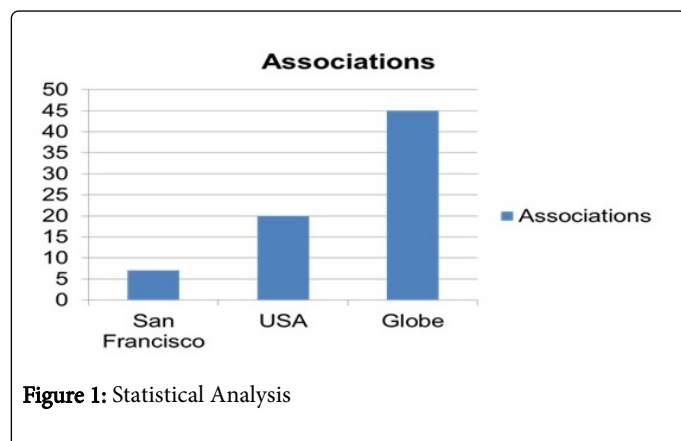


Figure 1: Statistical Analysis

### Target Audience:

New company established people for Exhibitors and Sponsors, Analysts using the principles of separation techniques, Academic and Industrial Librarians, Production Chemists, Environmental Chemists, Biomedical Researchers, Food and Beverage Technologists, Flavor and Fragrance Technologists, Nuclear Researchers.

### Target Audience:

- Industry 70%
- Academia 20%
- Others 10%

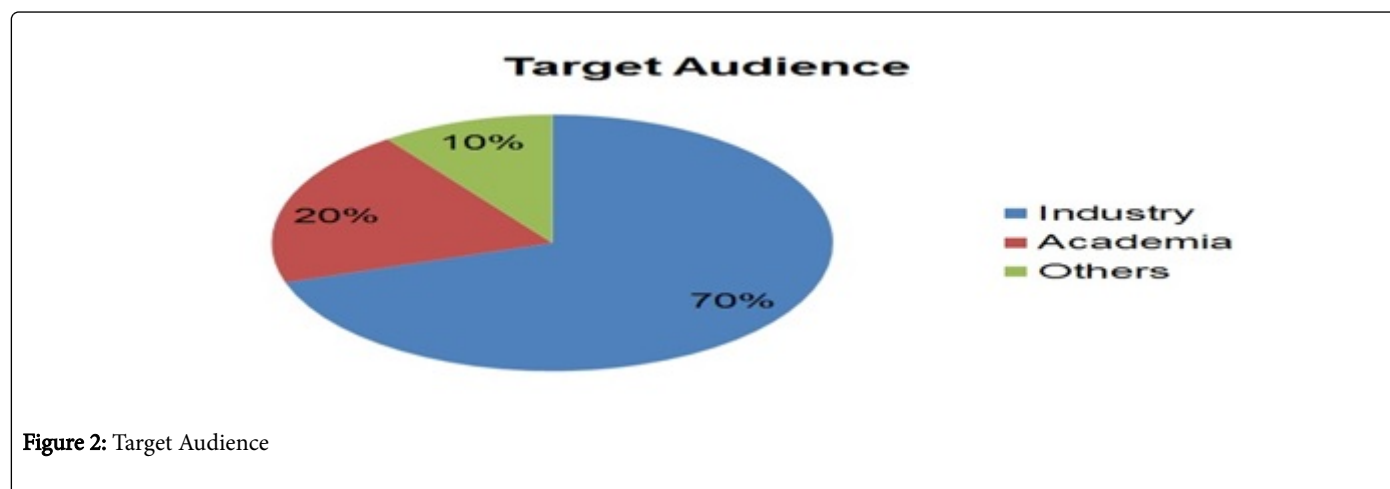
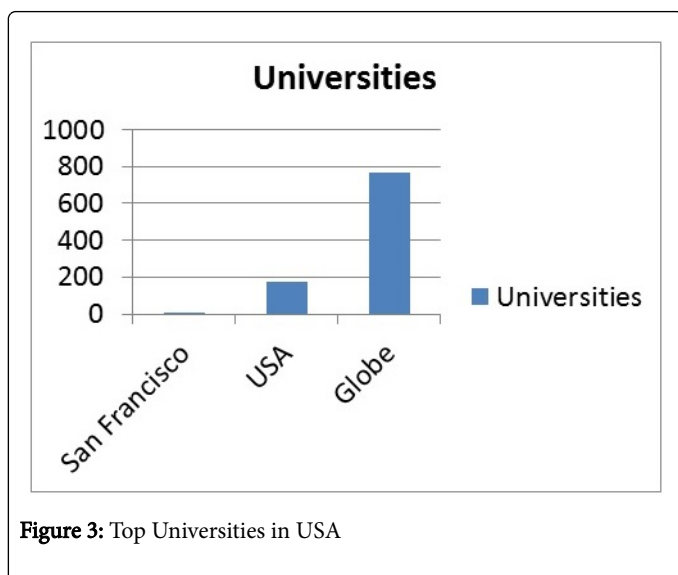


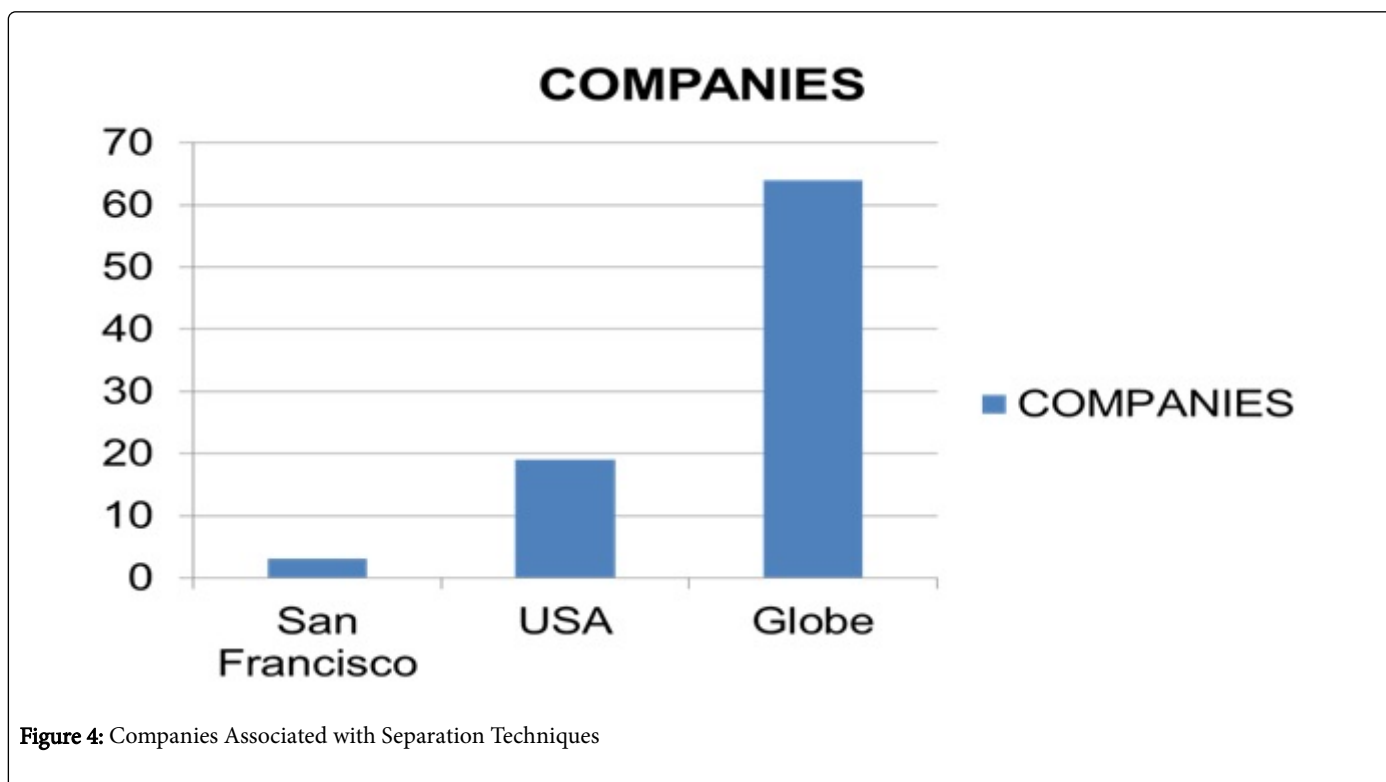
Figure 2: Target Audience

### Top Universities in USA

- University of California, Berkeley
- University of California, San Francisco
- Golden Gate University
- Columbia University
- Yale University
- Columbia University
- Stanford University
- University of Chicago
- University of Pennsylvania



### Companies Associated with Separation Techniques



### Market Analysis of Separation Techniques

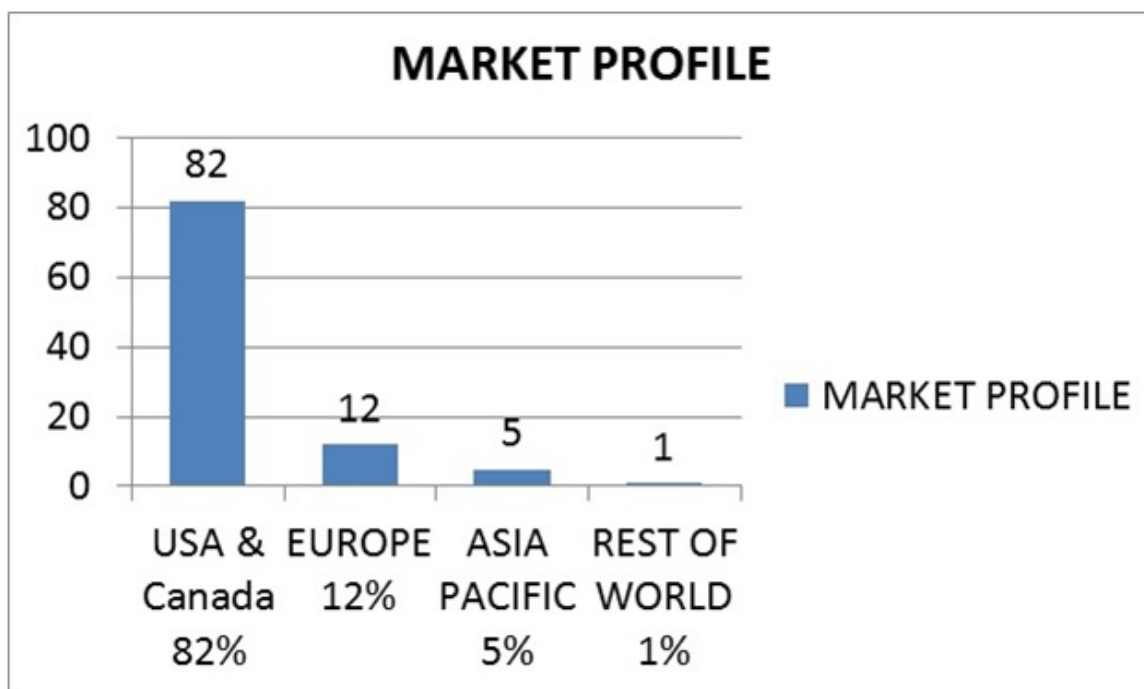
The separation techniques industry is growing rapidly, with value expected to hit \$228 billion by 2015, up from \$164 billion in the year 2010, marking annual growth of nearly 7%, according to a recent industry research report.

Source: [Reference1](#)

Geographically, global separation technologies market has been segmented into four areas namely

- North America
- Europe
- Asia-Pacific
- Rest of the World

### GLOBAL MARKET PROFILE RELATED TO SEPARATION SCIENCES



**Figure 5:** Global Market Profile Related To Separation Sciences

Source: Reference2

Global revenues from chromatography reagents totaled nearly \$4.3 billion in 2011 and \$5.2 billion in 2012. Total revenues should reach \$11.9 billion in 2017 after increasing at a five-year compound annual growth rate (CAGR) of 18%.

Liquid chromatography, the largest segment, should account for \$2.4 billion in 2012 and \$7.1 billion in 2017, a CAGR of 24%.

Gas chromatography will total \$1.1 billion in 2012 and \$1.7 billion in 2017, a CAGR of 9.5%.

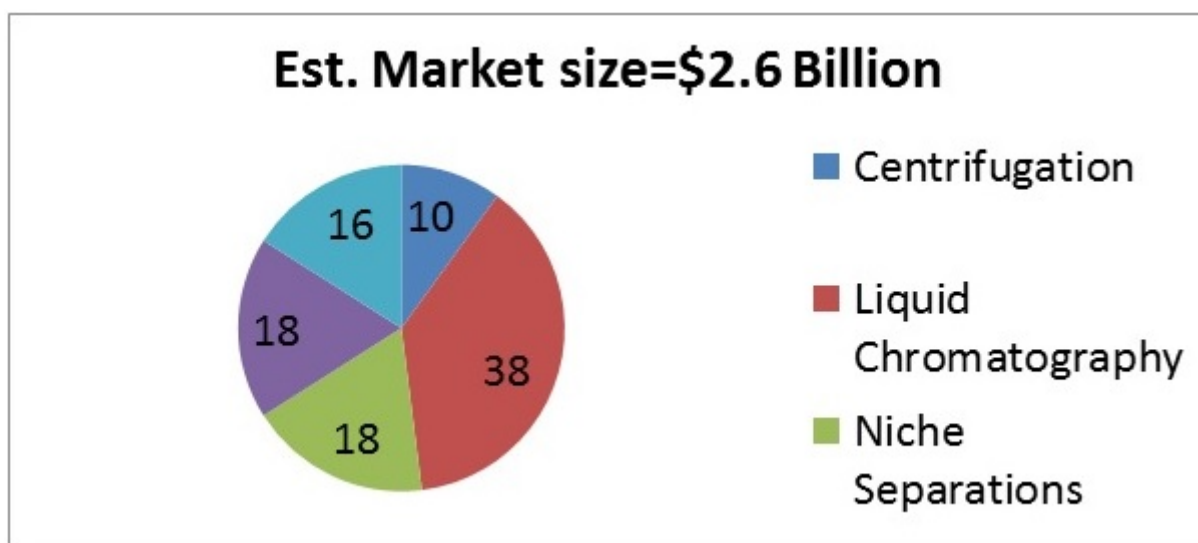
The global market for commercial biotechnology separation systems reached \$12.1 billion in 2010, \$14.6 billion in 2011, and it will further grow to \$26.7 billion at an estimated compound annual growth rate (CAGR) of 12.8% by 2016.

The liquid chromatography separation systems segment was worth \$2.3 billion in 2010 and \$2.5 billion in 2011; the segment will further reach nearly \$4 billion by 2016 increasing at a compound annual growth rate (CAGR) of 9.6% from 2010 to 2016.

The membrane filtration segment reached \$2.5 billion in 2010 and is expected to reach \$3 billion in 2011; it will further grow to and reach \$3.8 billion by 2016 at a compound annual growth rate (CAGR) of 4.9% from 2010 to 2016.

Source: Reference3

**U.S. Market Size**



**Figure 6:**U.S. Market Size

Source: Reference4

### Market Forecast

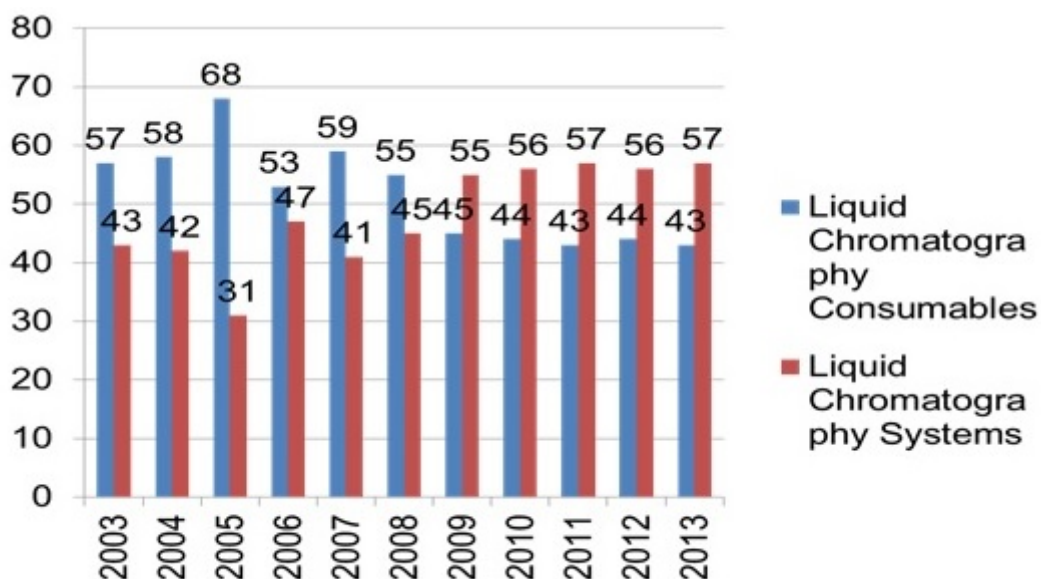


Figure 7: Market Forecast

Source: Reference5

### Products manufactured by the industry related cardiology research and itsMarket value

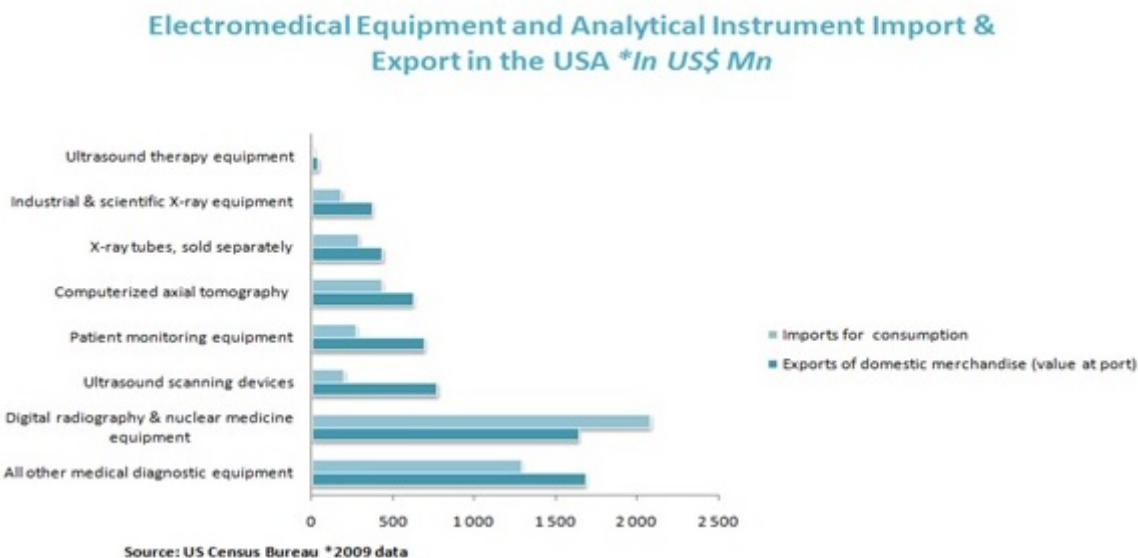
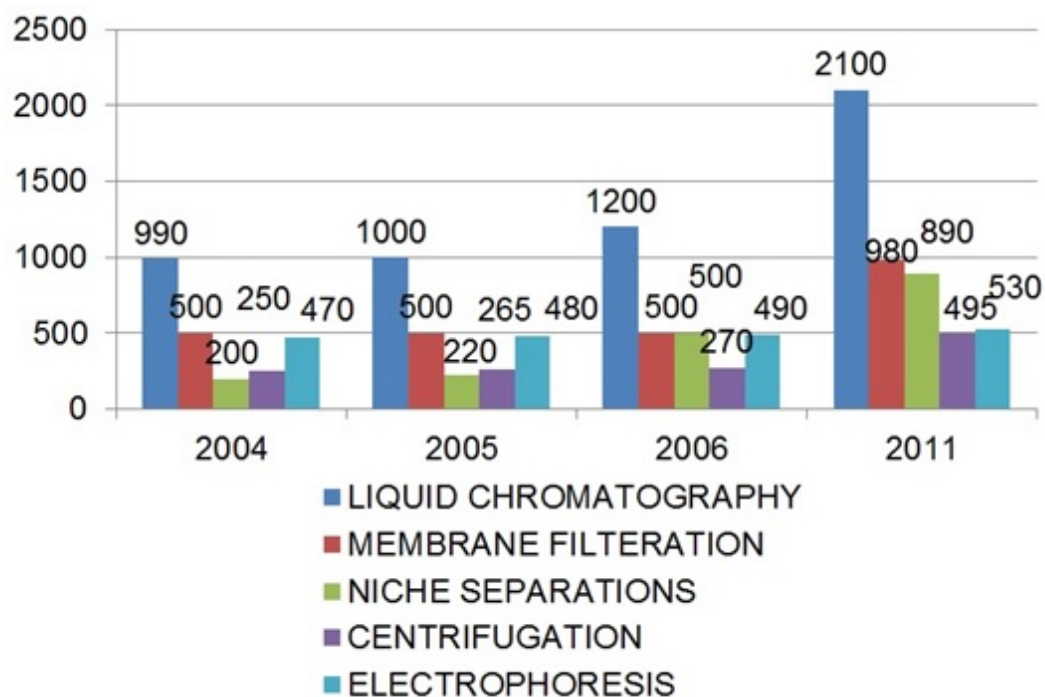


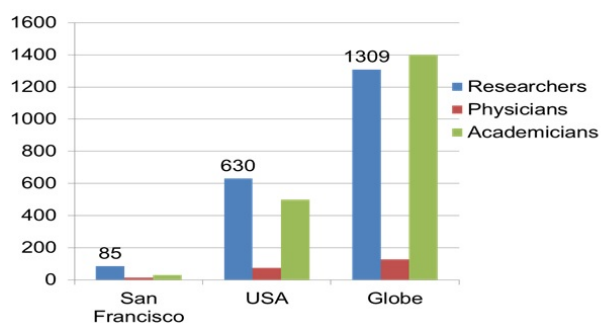
Figure 8: Market value of Instruments related to separation science

### Forecast for Commercial Biotech Separation Systems byMethod Of Separation, 2004-2011 (\$ Millions)



**Figure 9:** Commercial Biotech Separation Systems

### Researchers, Physicians and Academicians related to Separation Sciences



**Figure 10:** Researchers, Physicians and Academicians related to Separation Sciences

### References:

1. [www.researchandmarkets.com/research/v969qd/cell\\_separation](http://www.researchandmarkets.com/research/v969qd/cell_separation)
2. [www.marketsandmarkets.com/Market-Reports/chromatography-market-435.html](http://www.marketsandmarkets.com/Market-Reports/chromatography-market-435.html)
3. [www.bccresearch.com/market-research/membrane-and-separation-technology/chromatography-reagents-techniques-global-market-mst034d.html](http://www.bccresearch.com/market-research/membrane-and-separation-technology/chromatography-reagents-techniques-global-market-mst034d.html)
4. [www.bccresearch.com/market-research/biotechnology/separation-systems-biotechnology-bio011d.html](http://www.bccresearch.com/market-research/biotechnology/separation-systems-biotechnology-bio011d.html)
5. <http://www.genengnews.com/gen-articles/biomarket-trends-liquid-chromatography-market-proliferates/2255/>