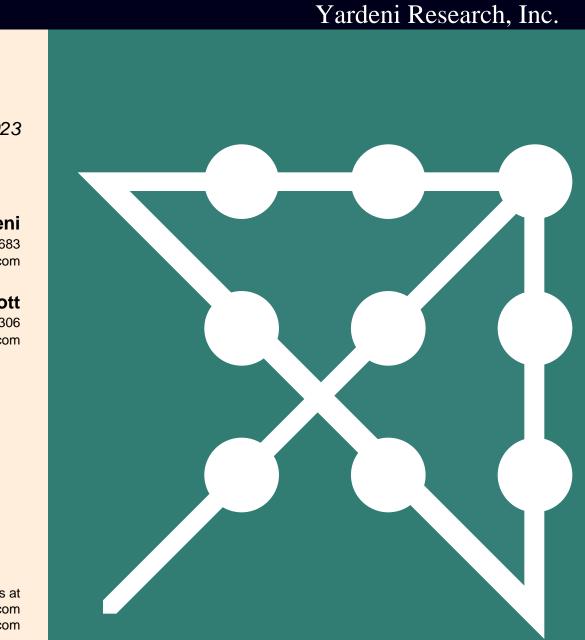
# Global Index Briefing: World Biotechnology Industry MSCI



thinking outside the box

December 15, 2023

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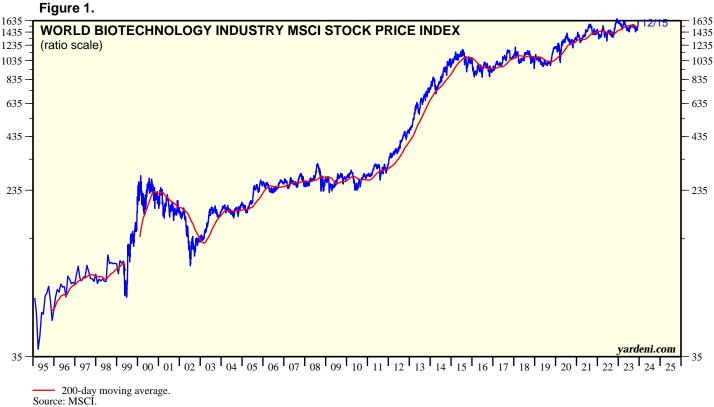
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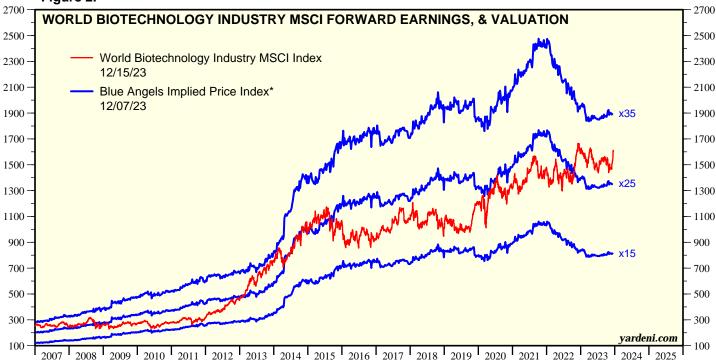
## World Biotechnology Industry MSCI Stock Price Index

1 2 3 4-7 Earnings Revenues & Margins Valuation

#### **Stock Price Index**

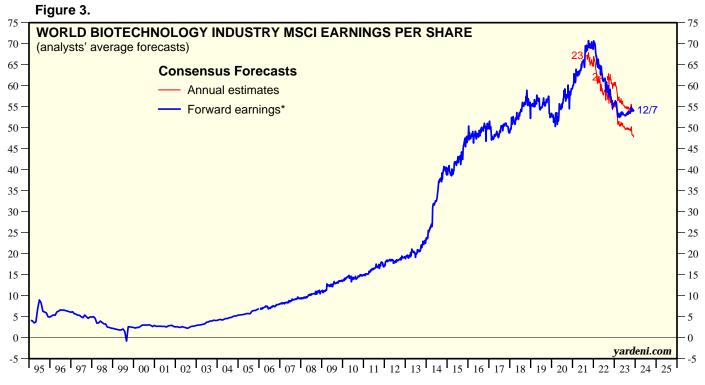




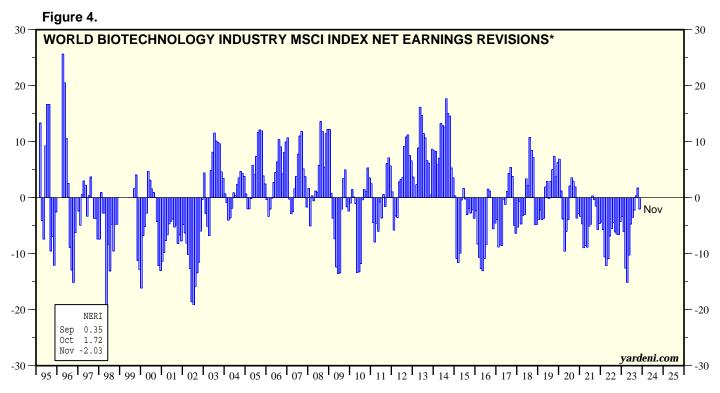


Implied price index calculated using forward earnings times forward P/Es. Monthly through December 2005, weekly thereafter. Source: Standard & Poor's and I/B/E/S data by Refinitiv. \*

#### **Earnings**



\* Time-weighted average of consensus estimates for current year and next year. Monthly through December 2005, then weekly. Source: I/B/E/S data by Refinitiv.

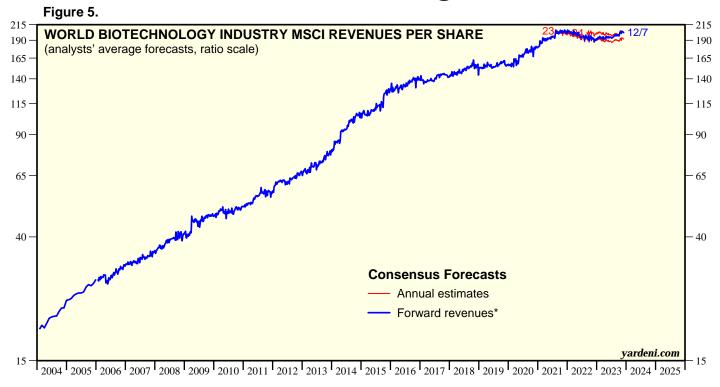


\* Three-month moving average of the number of forward earnings estimates up less number of estimates down, expressed as a percentage of the total number of forward earnings estimates. Source: I/B/E/S data by Refinitiv.

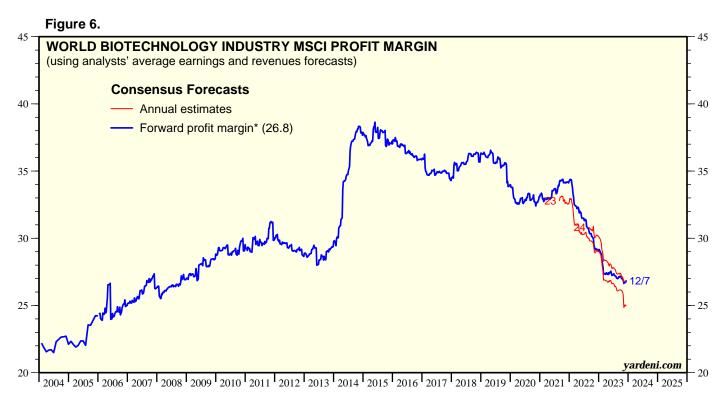
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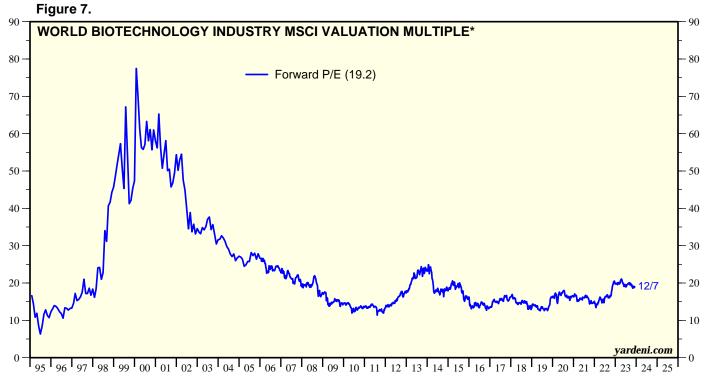
#### **Revenues & Margins**



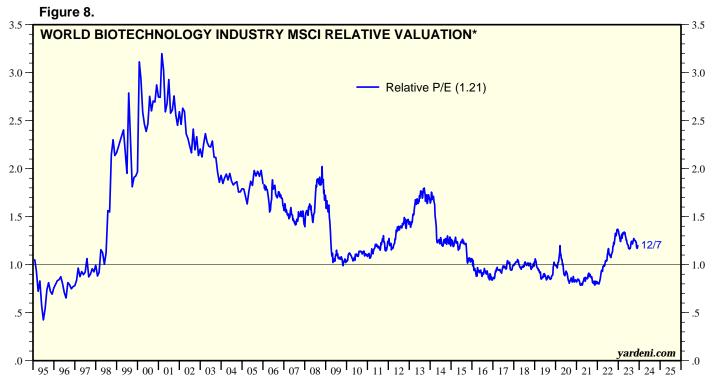
\* Time-weighted average of consensus estimates for current year and next year. Monthly through December 2005, then weekly. Source: I/B/E/S data by Refinitiv.



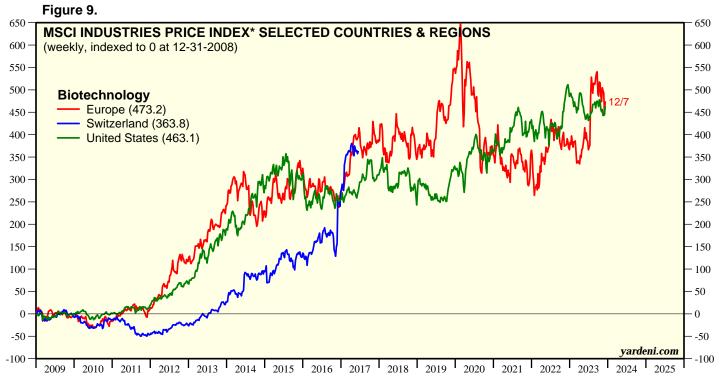
\* Time-weighted average of the consensus estimates for current year and next year. Monthly through December 2005, weekly thereafter. Source: I/B/E/S data by Refinitiv.



\* Price divided by forward consensus expected earnings per share. Monthly data through December 2005, weekly thereafter. Source: I/B/E/S data by Refinitiv.

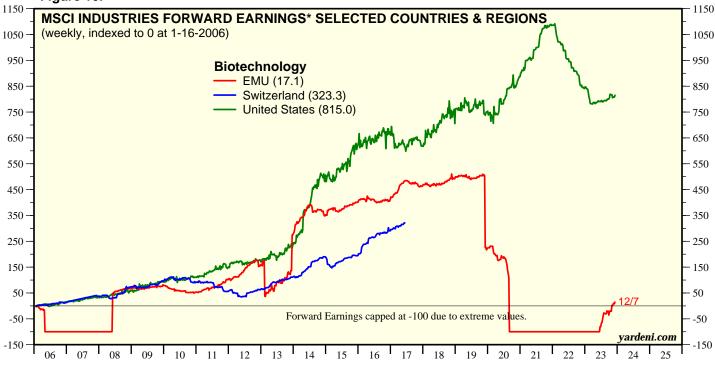


\* Forward P/E of index relative to All Country World MSCI forward P/E. Monthly data through December 2005, weekly thereafter. Source: I/B/E/S data by Refinitiv.

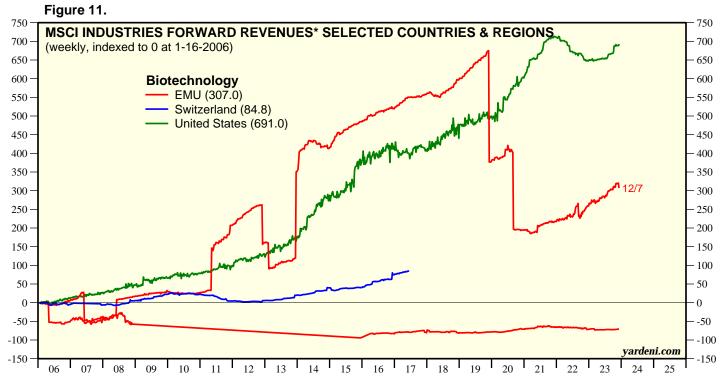


\* All MSCI regions in US\$ except EMU in euros. All MSCI countries in local currency except Peru and Russia in US\$. Source: Thomson Reuters I/B/E/S.

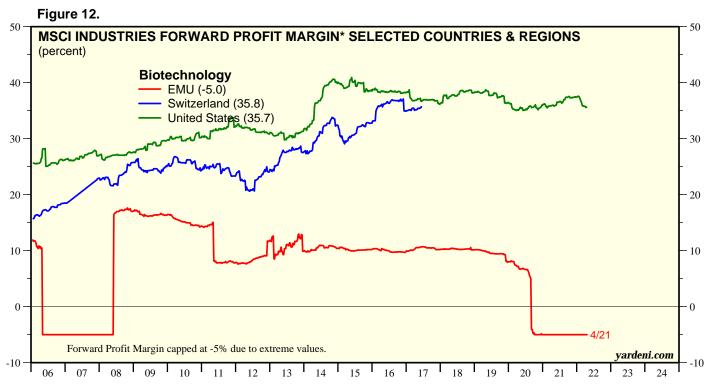
#### Figure 10.



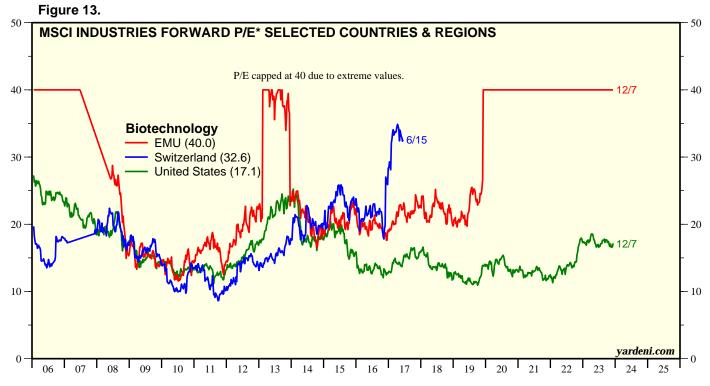
\* Price divided by 12-month forward consensus expected operating earnings per share. Monthly through December 2005, weekly thereafter. Source: Thomson Reuters I/B/E/S.



\* Price divided by 12-month forward consensus expected operating earnings per share. Monthly through December 2005, weekly thereafter. Source: Thomson Reuters I/B/E/S.



\* Price divided by 12-month forward consensus expected operating earnings per share. Monthly through December 2005, weekly thereafter. Source: Thomson Reuters I/B/E/S.



\* Price divided by 12-month forward consensus expected operating earnings per share. Monthly through December 2005, weekly thereafter. Source: Thomson Reuters I/B/E/S.

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