







A Datamonitor report

Pipeline Insight: Orphan Diseases in CNS – Part II: Amyotrophic Lateral Sclerosis – Companies Need to go Back to the Lab to Strengthen Weak Pipeline

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Use this report to...

Access the lucrative potential of this underdeveloped neurodegenerative disease therapeutic market

Providing you with:

- Analysis and forecasts of the commercial potential of the ALS market to 2016
- Analysis of patient potential, marketing factors, commercial attractiveness and clinical attractiveness of key late-stage pipeline drugs
- Recommendations for maximizing the potential of drugs in this niche orphan disease market
- Indication of specific sales forecasts of marketed and key pipeline drugs to 2016



Introduction

The ALS market was worth \$148m in 2006 across the seven major markets. With the only approved treatment for ALS, Sanofi-Aventis's Rilutek (riluzole), facing generic incursion in 2012–13, future growth in this market is dependent on the success of pipeline drugs.

Given the rapid progression of neurodegeneration observed in this condition, the ability to use survival as a viable endpoint, and the increasing incorporation of translational medicine into drug development, Datamonitor suggests that new market entrants use ALS as a model disease for developing antineurodegenerative drugs. With the underlying features of neurodegeneration similar across disease states, the patient potential for such drugs could be large, with Alzheimer's disease and Parkinson's disease possible targets.

Key findings and highlights

- A lack of new entrants, and the possibility of polytherapy, results in Sanofi-Aventis's Rilutek (riluzole) dominating the market until patent expiry in 2012-13 in Datamonitor's base scenario.
- Orphan drug status, rapid uptake following launch, limited risk to the company's share price
 if drugs fail, and possible indication expansions make long-term investment in ALS a
 commercially viable option.
- A scenario forecast based on the clinical success of rhIGF-1 (recombinant human insulinlike growth factor I) related therapies reveals a potentially lucrative market. However, with a high attrition rate of ALS Phase III clinical trials, and mixed efficacy data in Phase II, the results of currently underway studies will be pivotal.

Reasons to buy

- Access the lucrative potential of this underdeveloped neurodegenerative disease therapeutic market
- **Benchmark** key late-stage compounds against the current leading therapy Sanofi-Aventis's Rilutek (riluzole)
- Understand the opportunities in this market based on the comments of interviewed key opinion leaders





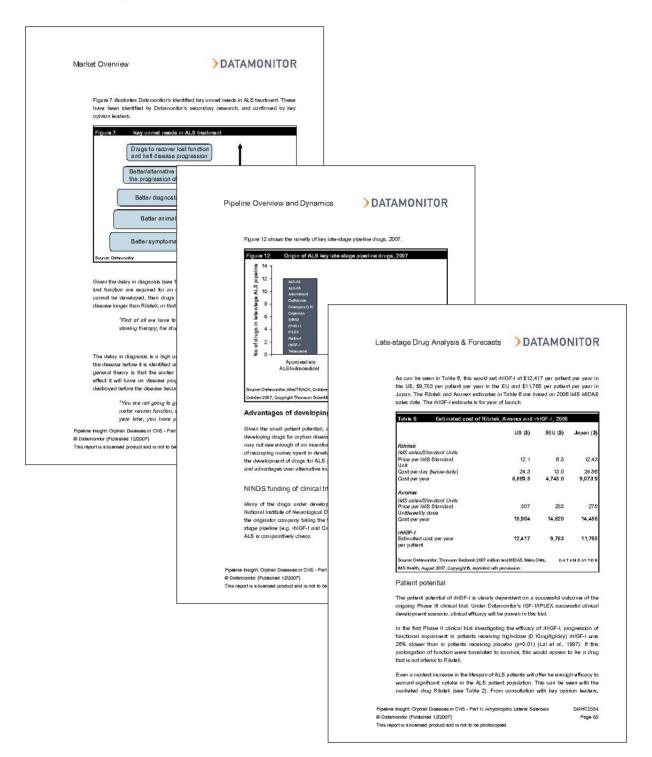








Sample pages from the report



"...It's naive to pull drugs off the shelf which have mild effects on inflammation or excitotoxicity and try them in patients with ALS..."

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- Satisfaction of unmet needs
- Clinical trial data
- Ongoing clinical trials

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BIBLIOGRAPHY

- Journals
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"...ALS is a very interesting paradigm for neuronal cell degeneration..."

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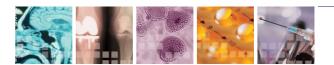
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- Antidepressants
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Also available in this portfolio

Pipeline Insight: Orphan Diseases in CNS - Part I: Huntington's Disease

Analysis of the future amyotrophic lateral sclerosis (ALS) market with scenario based revenue forecasts of marketed and late-stage pipeline drugs to 2016. Conclusions are supported by key opinion leader comments.

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