



# **Orphan Drugs: Understanding the Rare Disease Market and its Dynamics (Woodhead Publishing Series in Biomedicine)**

*Elizabeth Hernberg-Ståhl, Miroslav Reljanovic*

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# Orphan Drugs: Understanding the Rare Disease Market and its Dynamics (Woodhead Publishing Series in Biomedicine)

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## **Orphan Drugs: Understanding the Rare Disease Market and its Dynamics (Woodhead Publishing Series in Biomedicine)** Elizabeth Hernberg-Ståhl, Miroslav Reljanovic

This authoritative and comprehensive book makes the reader familiar with the processes of bringing orphan drugs to the global market. There are between 5,000 and 7,000 rare diseases and the number of patients suffering from them is estimated to be more than 50 million in the US and Europe. Before the orphan drug legislation enacted in the US in 1983, there was a limited interest from industry to develop treatment for very small patient groups. One of the difficulties is, of course, that similar levels of investment are needed from a pharmaceutical company to bring a drug to the market for both small and large patient groups.

The journey from application of an orphan drug designation to a reimbursed market- approved drug is long and many obstacles occur during the journey.

After reading the book, readers will: Understand who the players/stakeholders are in the rare orphan disease field and their specific needs and concerns: patients and patient organizations, researchers and treating physicians within the field, industry, regulatory and reimbursement bodies\* Understand the strong partnership between the different players and the various initiatives to improve and increase access to treatment for patients; minimizing the gap between numbers of known diseases, orphan designations, approved drugs and paid drugs.

The book also provides short practical case stories from patients and researchers, as well as representatives from industry and authorities on the challenges they came across in developing orphan drugs or getting access to orphan drugs.

- A comprehensive overview of strategy, key activities and considerations of how to bring an orphan drug from concept to the market and make it available to patients
- A source of updated information, news and trends for those who are already active in this fast-evolving field
- Covers the global definitions and the criteria for getting an orphan drug designation in, for example, the US and Europe

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**Aaron Powers:**

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