

# Global Erythropoietin (EPO) Market with Focus on Asia- Industry Analysis & Outlook (2016-2020)

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# **Abstracts**

Erythropoietin is a substance produced by the kidney that leads to the formation of red blood cells in the bone marrow. It is a glycoprotein hormone which regulates erythropoiesis (Red Blood Cell production). For erythrocyte precursors present in the bone marrow, EPO acts as a cytokine. Commonly referred to as hematopoietin or hemopoietin, erythropoietin is also known to have other biological functions, such as involvement in the wound healing cycle and brain's response to neuronal injury. People suffering from End Stage Renal Disease (ESRD), HIV or undergoing chemotherapy are not able to produce enough EPO on their own and thus, are administered with synthetic or recombinant erythropoietin which has the similar sequence of amino acids. Recombinant erythropoietin is a kind of therapeutic agent devised using DNA technology.

On the bases of their molecular structure, EPO drugs can be divided into five categories: epoetin-alfa, epoetin-beta, epoetin-omega, epoetin-delta and darbepoetin-alfa. Among these epoetin-alfa and darbepoetin-alfa are most commonly prescribed EPO drugs.

The global EPO drugs market is expected to experience negative growth rate, primarily due to expiry of patents of two most common EPO drugs, epoetin-alfa and darbepoetinalfa, allowing the entry of biosimilars; posing a serious threat to EPO drugs market. However, the Asia-Pacific region is expected to experience boom period majorly due to improving disposable income and better government medical reimbursement policies.

The report "Global Erythropoietin (EPO) Market with Focus on Asia: Industry Analysis & Outlook (2016-2020)" analyzes the development of this market, with focus on the US and Asia-Pacific markets. The major trends, growth drivers as well as issues being



faced by the market are discussed in detail in this report. The four major players: Johnson & Johnson, Amgen, Roche and Teva Pharmaceutical Industries Limited are being profiled along with their key financials and strategies for growth. The report contains a comprehensive analysis of the global EPO market along with the study of the regional markets.



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