

# **Global Platelet-derived Growth Factors (PDGFs) Market Size Study, by Type (PDGF-AA, PDGF-BB, PDGF-CC, PDGF-DD, PDGF-AB), by Application (Orthopedic Surgeries, Cardiac Surgeries, Cancer Treatment, Wound Healing, Others), by End-user (Hospitals, Clinics, Others) and Regional Forecasts 2022-2032**

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## **Abstracts**

Global Platelet-derived Growth Factors (PDGFs) Market is valued at approximately USD 228.7 million in 2023 and is anticipated to grow with a healthy growth rate of more than 7.0% over the forecast period 2024-2032. Platelet-derived growth factors (PDGFs) play a crucial role in stimulating cell proliferation, angiogenesis, and extracellular matrix synthesis, which are essential for tissue healing and bone formation. The PDGFs market is characterized by significant involvement from pharmaceutical and biotechnology companies, as well as academic and research institutions, all of which are committed to developing and commercializing PDGF-based therapies.

The increasing prevalence of chronic diseases such as diabetic ulcers and musculoskeletal disorders has amplified the clinical demand for tissue repair and regeneration therapies, thereby highlighting the potential of PDGFs. Additionally, the rise in the elderly population, particularly in developed countries, further drives the need for medical interventions capable of addressing degenerative conditions associated with aging. However, high costs of PDGF-based therapies and regulatory hurdles are the key factors that are substantially halting the growth of the market globally. Innovations in biotechnology and genetic engineering have facilitated the creation of new PDGF formulations and delivery systems, enhancing therapeutic efficacy and patient outcomes. Personalized medicine is poised to become a primary focus within the

PDGFs market, with treatments tailored to specific patient characteristics and medical histories. This approach aligns with the broader trend of precision medicine, which aims to maximize therapeutic outcomes while minimizing adverse effects, thereby expanding the market size for PDGFs.

The key regions considered for the global Platelet-derived Growth Factors (PDGFs) Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is a dominating region in the Platelet-derived Growth Factors (PDGFs) Market in terms of revenue. The market growth in the region is being attributed to factors including rising geriatric population susceptible to chronic wounds, increasing prevalence of chronic diseases, substantial investments in research and development for new PDGF applications, and growing adoption of regenerative medicine and tissue engineering techniques. Whereas, the market in Asia Pacific is anticipated to grow at the fastest rate over the forecast period fueled by rising prevalence of chronic diseases such as diabetes and cardiovascular ailments, increasing incidence of accidents and trauma leading to chronic wounds, rapid urbanization and growing elderly population, and growing awareness about advanced wound care treatments.

Major market players included in this report are:

Thermo Fisher Scientific Inc. (PeproTech, Inc.)

Stryker

Sigma-Aldrich (Merck KGaA)

OriGene Technologies

iXCells Biotechnologies

Abbexa Ltd.

Bio-Techne

STEMCELL Technologies

Neuromics

GenScript Biotech Corporation

The detailed segments and sub-segment of the market are explained below:

By Type:

PDGF-AA

PDGF-BB

PDGF-CC

PDGF-DD

PDGF-AB

By Application:

Orthopedic Surgeries

Cardiac Surgeries

Cancer Treatment

Wound Healing

Others

By End-user:

Hospitals

Clinics

Others

By Region:

## North America

U.S.

Canada

## Europe

UK

Germany

France

Spain

Italy

Rest of Europe

## Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

## Latin America

Brazil

Mexico

Rest of Latin America

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with country-level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of the competitive structure of the market.

Demand-side and supply-side analysis of the market.

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