

GLOBAL RAT MODEL MARKET FORECAST 2017-2025

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Abstracts

KEY FINDINGS

The global rat model market was worth \$434283 thousand in the year 2016 and is expected to grow at a CAGR of 9.55% for the forecast period of 2017-2025. It is anticipated that the market worth would be around \$985778 thousand by the year 2025. The main reason for the potential growth of the market is the fact that the rat models are more suitable for medical as well as pharmaceutical research as compared to other animal models used.

MARKET INSIGHTS

The global rat model market can be segmented on the basis of various categories like application, rat model types, components, and rat care products. Rapid and increasing availability in rat transgenic methodologies, improving genome editing techniques and the growing research and developments in pharmaceutical and biotechnological companies are the major drivers for the growth of the rat model market. The oncology application market is fast growing at a CAGR of 11.17%. However, the toxicology market is currently dominating the application segment of the market. The Immunology & Inflammation markets is expected to grow at a CAGR of 9.95% during the forecast period. With respect to the types of rat models, the current market scenario shows an anticipated CAGR of 8.63%, 9.84%, 9.66%, and 10.11% respectively for the inbred rats, immune-deficient rat, surgically modified rats, and hybrid type rat model. The rat care product had contributed to 1.95% of the market share in the year 2016 and is expected to grow at a CAGR of 9.42% by the year 2025.

REGIONAL INSIGHTS

The North-American rat model market is expected to hold the highest share by the year

2025 with the US market contributing to the majority of the share owing to the increased demand for rat models in the pre-clinical animal trials by companies such as Novartis, Merck &Co, Roche etc. in this region. The Asia-Pacific market is fast flourishing, especially in regions like India, China, and Australia because of the novel R&D incentive schemes for the pharmaceutical companies and the Contract Research Organizations. The market is predicted to grow at a CAGR of 9.11 % during the forecast period. The United Kingdom is currently the leader in the European rat model market mainly because of the lucrative R&D revenue schemes and the growing interest of the commercial investors in the region.

COMPETITIVE INSIGHTS

The major players in the global rat model market are Covance Inc. (LabCorp holding company), Janvier labs, Harlan Laboratories, Inc. (Envigo, Inc. Holding company), Sage Labs Inc. (horizon discovery group plc holding company), Cyagen Biosciences Inc, Transposagen Biopharmaceuticals Inc. Transviragen Inc., Taconic Biosciences, Hera Biolabs Inc., Genoway S.A Vivo Biotech Ltd., Charles River Laboratories, Sage Labs, Covance Inc., Clea Japan, and Oncodesign s.a. . Labcorp Ltd has the largest laboratory network around the world with most of its research focusing on genomics.

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