

Small Animal Imaging (In-Vivo) Market Report Examines Industry Trends, Growth Drivers And Future Outlook

The Business Research Company's Small Animal Imaging (In-Vivo) Market Report Examines Industry Trends, Growth Drivers And Future Outlook

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/EINPresswire.com/ -- "Understanding the growth trajectory of the [small](#)

[animal imaging \(in-vivo\) market](#) provides valuable insights into the evolving landscape of biomedical research and healthcare diagnostics. This field, which plays a vital role in non-invasive disease monitoring and drug development, is witnessing rapid advancements fueled by technological innovation and increased investment. Let's explore the current market size, major drivers, regional highlights, and future expectations shaping this sector.



Expected to grow to \$5.53 billion in 2030 at a compound annual growth rate (CAGR) of 11.8%"

The Business Research Company

Projected Expansion of the [Small Animal Imaging \(In-Vivo\) Market Size](#)

The small animal imaging (in-vivo) market has experienced significant growth recently. From \$3.15 billion in 2025, it is anticipated to rise to \$5.54 billion by 2030, marking a compound annual growth rate (CAGR) of 12.4%. This

growth during the past years has been driven by increased preclinical research activities, rising investments in drug discovery, enhanced academic research funding, broader use of animal models in disease investigations, and the availability of sophisticated imaging technologies.

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Forecasted Market Growth and Emerging Trends in Small Animal Imaging

Looking ahead, the market is expected to expand rapidly, reaching \$5.53 billion by 2030 with a



CAGR of 11.8%. Factors contributing to this projected growth include the growing demand for precision medicine research tools, increased funding for translational research, expansion of oncology and neurological study fields, wider adoption of AI-assisted diagnostic methods, and a stronger focus on real-time biological imaging. Among the notable trends during this period are the rising use of multimodal imaging systems, preference for non-invasive in vivo imaging techniques, integration of AI-based image analysis, growth in longitudinal disease monitoring research, and advancements in high-resolution imaging capacities.

What Small Animal Imaging (In-Vivo) Entails

Small animal imaging (in vivo) encompasses advanced imaging methods used to non-invasively monitor cellular activities, pharmacological impacts, and disease progression in live animals. This technology allows scientists and researchers to observe, define, and measure both normal and pathological processes within living tissues and organs, offering critical insights without harming the subjects.

View the full small animal imaging (in-vivo) market report:

https://www.thebusinessresearchcompany.com/report/small-animal-imaging-in-vivo-global-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Aug_PR

Healthcare Spending as a Major Driver for Market Demand

An important factor propelling the small animal imaging (in vivo) market is the rising expenditure in the healthcare sector. Healthcare spending, which includes both public and private funds as a share of GDP, supports greater healthcare awareness and promotes self-care management approaches. Technologies such as PET equipment, employed in small animal imaging, facilitate noninvasive visualization of biological processes in real time. This accelerates drug development, enhances disease understanding, and aids in crafting more effective treatments. For instance, a May 2024 report by the UK's Office for National Statistics highlighted a 5.6% nominal increase in healthcare spending in 2023, alongside a 2.8% real-term rise in long-term health and social care expenditure in 2022. Such financial growth in healthcare investments is a key factor driving the small animal imaging market forward.

Regional Leadership in the Small Animal Imaging (In-Vivo) Market

In 2025, North America held the largest share of the small animal imaging (in-vivo) market. However, Europe is expected to emerge as the fastest-growing region in the forecast period. The comprehensive market analysis includes regions such as Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

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- Market attractiveness scoring and analysis
- Total addressable market (TAM) analysis
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- Excel-based forecasting dashboards

- Market hotspots infographics
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- Updated graphics and tables

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