

# Neuromodulation Market Poised for Growth with AI Integration and Cutting-Edge Bioelectronics | CAGR of 6.2%

WILMINGTON, DE, UNITED STATES, August 13, 2025 /EINPresswire.com/ -- Neuromodulation is a technique used to modify the function of the nervous system through the use of electrical or chemical signals. This can be done by applying an electrical current or chemical agent directly to nerve cells, which alters their activity and communication with other cells.

Neuromodulation can be used to treat a wide range of neurological and psychiatric disorders, including chronic pain, epilepsy, depression, and Parkinson's disease. It can also be used to enhance cognitive function or to control certain physiological processes, such as heart rate or blood pressure. The global [neuromodulation market](#) was valued at \$2,480.21 million in 2020, and is projected to reach \$4,342.50 million by 2030, growing at a CAGR of 6.2% from 2021 to 2030.



Neuromodulation Market Research, 2030

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By biomaterial, the market is divided into metallic biomaterials, polymeric biomaterials, and ceramic biomaterials. The metallic biomaterials segment dominated the market in 2020, and this trend is expected to continue during the forecast period, due to advantages of metallic biomaterials.

Major market players covered in the report, such as –

- Abbott,
- Aleva,
- Neurotherapeutics SA.,
- Boston Scientific Corporation,
- LivaNova,

- Medtronic,
- MicroTransponder,
- Neuronetics,
- NeuroPace Inc.,
- NeuroSigma, and
- Nevro Corporation.

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#### Key Benefits for Stakeholders -

- The report provides quantitative analysis of market segments, current trends, strategies and potential of Neuromodulation Market research to identify potential Neuromodulation Market opportunities in genetics.
- In-depth analysis of this sector helps identify current market opportunities.
- Market analysis and information related to key drivers, restraints and opportunities are provided.
- Porter's Five Forces Analysis identifies the capabilities of buyers and suppliers to enable stakeholders to make profitable business decisions and strengthen the network of buyers.
- The largest countries in each region are listed according to their contribution to the global market.
- Focusing on market players makes benchmarking easier and provides a clear understanding of the current market situation.
- The report includes regional and global Neuromodulation Market analysis, key players, market segments, application areas and Market growth strategies.

There are several types of neuromodulation techniques, including:

- Electrical stimulation: This involves using electrodes to deliver electrical current to the nervous system, either through the skin or surgically implanted.
- Chemical stimulation: This involves using drugs or other chemical agents to modulate the activity of the nervous system.
- Magnetic stimulation: This involves using magnetic fields to stimulate the nervous system, usually through the scalp.

Neuromodulation is a rapidly growing field of research and therapy, with new applications and techniques being developed all the time.

The Neuromodulation Market is expected to witness a significant growth in the coming years. This market has gained interest of the healthcare and medical sectors owing to increased prevalence of hypertension throughout the globe. Furthermore, the global Neuromodulation Market is segmented on the basis of product type, end user, and region. leading market players

have been introducing various strategies to help enterprises move their on-premise models to on-demand models.

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Frequently Asked Questions?

Q1. What is the total market value of Neuromodulation Market report?

Q2. Which are the top companies holding the market share in Neuromodulation Market?

Q3. Which are the largest regions for this Market?

Q4. What is the leading technology of Neuromodulation Market?

Q5. What are the major drivers for this specific Market?

Q6. What are the upcoming key trends in the Neuromodulation Market report?

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Pawan Kumar, the CEO of Allied Market Research, is leading the organization toward providing high-quality data and insights. We are in professional corporate relations with various research

data tables and confirms utmost accuracy in our market forecasting. Each and every us companies and this helps us in digging out market data that helps us generate accurate y data presented in the reports published by us is extracted through primary interviews with top officials from leading companies of domain concerned. Our secondary data procurement methodology includes deep online and offline research and discussion with knowledgeable professionals and analysts in the industry.

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