



Top Target Treatments

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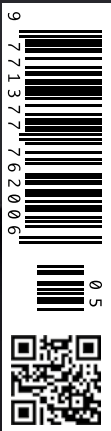
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TOP TARGET TREATMENTS

KEY STATISTICS

Global personalised medicine market was valued at \$1,007.88 billion in 2014 and will reach 2,452.50 billion by 2022.

Source: <https://iii.hm/u3l>

Key drivers of growth include the development of next-generation sequencing, whole genome technology, companion diagnostics, and retail clinics.



28% of FDA approved drugs in 2015 were personalised medicines.

Source: <https://iii.hm/u3f>

35% of FDA approved drugs for cancer were personalised medicines.

TECHNOLOGIES NECESSARY FOR PERSONALISED MEDICINE

Big Data capture and storage Predictive analytics Collaborative tools Interoperability capabilities



Source: <https://iii.hm/u3j>

IMPLEMENTATION CHALLENGES

- Regulatory system
- Economic concerns
- Socioeconomic factors
- Privacy issues

Source: <https://iii.hm/u3m>

EXPECTED RESULTS

- Improved patient outcomes
- Improved treatments
- Reduction in toxicity due to adverse drug responses.

Source: <https://iii.hm/u3j>

WHY WE NEED PERSONALISED MEDICINE

- ✓ To identify the primary drivers of disease.
- ✓ To discover drugs that can target these specific drivers.
- ✓ To find new ways to combat drug resistance.
- ✓ To improve clinical trial designs to test new treatments more effectively.

Source: <https://iii.hm/u3g>



TOP TARGET TREATMENTS

Effective therapies

Based on specific tissues, gene mutations, and personal factors.

<https://iii.hm/u3m>



Fewer side effects

Examples include immunotherapies, vaccines, companion diagnostics, etc.

“It’s far more important to know what person the disease has than what disease the person has.”

Hippocrates

Source: <https://iii.hm/u3h>

AREAS OF FOCUS FOR PERSONALISED MEDICINE

- Oncology
- Cardiovascular Diseases
- Neurodegenerative Diseases
- Psychiatric Disorders
- Diabetes
- Obesity
- Arthritis
- Pain
- Alzheimer’s disease

Source: <https://iii.hm/u3j>