



Nurturing Excellence: Advancing Talents in Clinical Research

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**The Promise of Clinical Trials:
Transforming Tomorrow's Health**

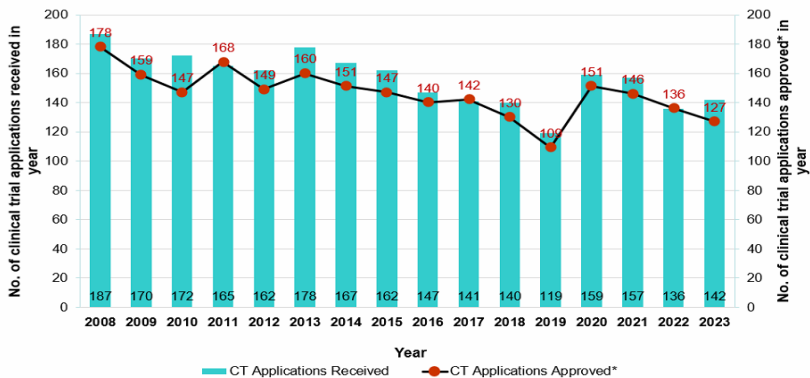
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Current Clinical Trials Landscape

Clinical Trial Applications Received and Approved*



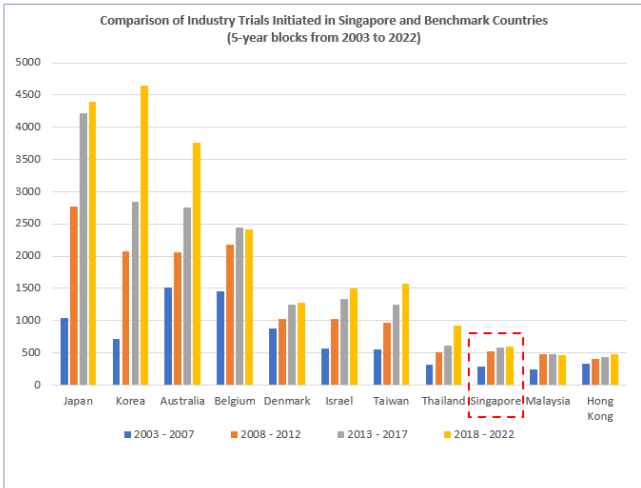
*include Clinical Trial Authorisation (CTA) and Clinical Trial Notification (CTN), which were implemented on 1 November 2016 when therapeutic products were ported over to the Health Products Act

Note: The clinical trial applications approved in a particular year (e.g. 2018) may not only be for applications received in that year (i.e., 2018), but could include those received the year before (i.e., 2017).

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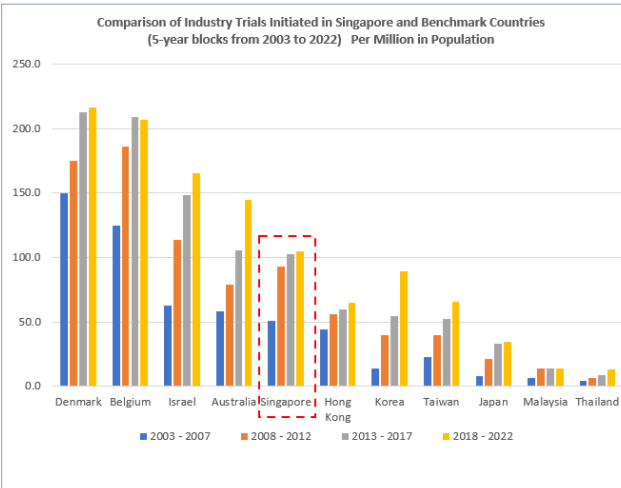
To be the LEADING INNOVATIVE AUTHORITY protecting and advancing NATIONAL HEALTH and SAFETY

COMPARISON OF SINGAPORE CLINICAL TRIALS WITH BENCHMARK COUNTRIES



Singapore trails behind Asian and European benchmark countries in ability to attract Industry-Sponsored Clinical Trials

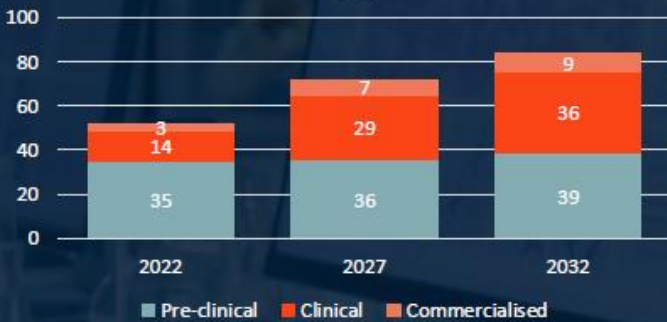
Data Source - Globaldata



When normalised to population, Singapore exceeds Asian benchmark countries in the ability to attract Industry-Sponsored Trials but trail the European benchmark countries and Australia

Data Source - Globaldata

Estimated number of biotechs in Singapore



Total number of assets

112

146

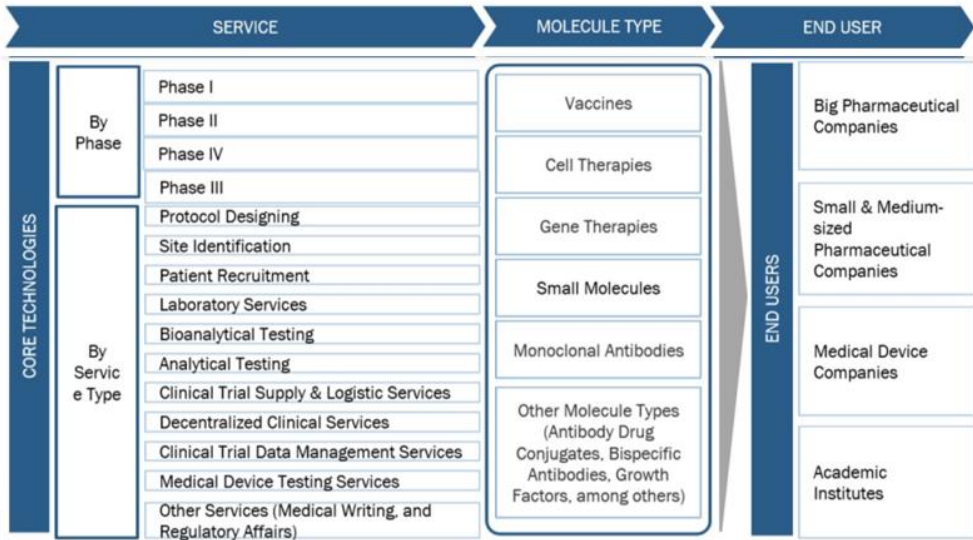
199

Proportion of clinical assets

21%

39%

45%



Source: HSA 2024, SGInnovate 2022, SCRI 2024, Clinical Trials Market 2023

Career Path in Industry



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Talent Development – in targeted areas

Talent familiar with clinical development needs

Preclinical - talent for preclinical CRO, quantitative scientists with deep insights in biology

Clinical - experience in business management, market access/ RWE, fundraising and commercial operations

Focused area – Cell Gene Therapy, Rare Disease, Early Phase trials



Skills in demand

- Market Access
- Regulatory Excellence
- Clinical Operations

Roles in demand

- Head of Quality
- Bioinformatician
- Medical Affairs Manager
- Business & Commercial Excellence

Morgan Philips 2024

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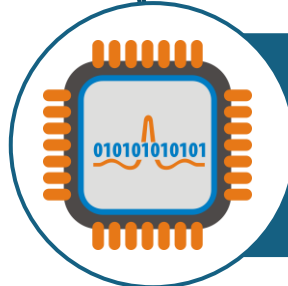


Need to build differentiated capabilities to outperform



Get it right with “Decentralised Trials”

- leverage strategies and emerging technologies
- think and live outside the box



Ability to capitalise on digital solutions

- digital biomarkers & therapeutics, innovative clinical decision tools to predict disease progression, engaging patients in treatment



Apply innovative approach

- use of insights from RWD to inform trial strategies, protocol design, balance of use of AI /ML

Addressing Challenges through Continual Engagement and Talent Development – align with RIE2025 HHP

SINGAPORE CLINICAL TRIAL ECOSYSTEM



Improve Clinical Trial Processes to Reduce Startup Turnaround Time

Clinical Trial Training and Education

Develop More Regional Clinical Research Networks

Improve Patient Recruitment

Increase the Quantity and Quality of Clinical Trials in Singapore

Thank You!

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