

Careers@Singapore: Biomedical Sciences Industry

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Singapore - Biopolis Of Asia

Asia is seeing rapid development in biomedical sciences, with Singapore as a leading bio-cluster. Today, global biomedical companies have set up key business activities including regional headquarters, R&D and manufacturing in Singapore.

Tapping on Asia's Opportunities

Singapore plays an important role in helping companies navigate Asia's complexities and tap into the region's markets, talent and intellectual properties.

As companies seek to expand their footprint in Asia to tap the region's fast-growing healthcare markets, Singapore has emerged a key location for both global companies and Asian enterprises.

Today, more than 30 leading biomedical sciences companies have established global or regional headquarters in Singapore. They include Abbott, Bayer Schering Pharma, GE Healthcare, GlaxoSmithKline, Johnson & Johnson, Medtronic, Merck Sharp & Dohme, Quintiles, Roche and sanofi-aventis.



Attracting Scientific and Business Talent

Singapore has attracted the world's top scientific and business talent to its shores. Edward Holmes (former Vice Chancellor, University of California, San Diego), Judith Swain (University of California, San Diego), Edison Liu (former director of clinical sciences, National Cancer Institute, US), Neal Copeland and Nancy Jenkins (National Cancer Institute, US), Sir George Radda (former Chief Executive, Medical Research Council), Colin Blakemore (UK Medical Research Council), Axel Ulrich (Max Planck Institute for Biochemistry, Germany), Philippe Kourilsky (College de France, France), Sydney Brenner (Nobel Laureate, Salk Institute of Biological Sciences), and Yoshiaki Ito (University of Kyoto, Japan) are amongst the scientific leaders who have moved to Singapore to head the city-state's research institutes, consortia and laboratories. More than 5,000 researchers now carry out biomedical R&D in Singapore.

Focus on Research

Singapore has established strong scientific and clinical excellence that facilitates drug discovery and development. Coupled with its strong capabilities in science and engineering, companies are also carrying out medical technology innovation. Today, more than 5,000 researchers are carrying out biomedical R&D in more than 50 companies and 30 public-sector institutes that expend more than S\$1 billion each year.



Biomedical Manufacturing

Singapore has established its position as a trusted and competitive site for biomedical manufacturing. Today, eight leading pharmaceutical and biotechnology companies as well as 25 leading medical technology companies have invested in more than 50 commercial-scale manufacturing facilities.

Pharmaceutical manufacturing facilities that have commenced commercial operations have also received zero major observation from international regulators such as the US Food and Drug Administration (FDA) and the European Medicines Agency (EMA). Additionally, Singapore has established world-class scientific, ethical standards and excellent intellectual property protection for the manufacturing of new modalities (e.g. biologics and cell therapy) in Asia.

In medical technology manufacturing, Singapore has emerged a leading global site in Asia. Manufacturers in Singapore now produce 10% of the global supply of contact lens, 50% of the world's thermal cyclers and more than half of the world's microarrays. Leading cardiac-device manufacturers such as Edwards LifeSciences and Medtronic have also opened their first-in-Asia global facilities here in Singapore.

Who Are The Leading Players Here?

Pharmaceutical and Biotechnology Companies and Contract Research Organisations (CROs)

Abbott, AstraZeneca, Bayer Schering Pharma, Boehringer Ingelheim, Bristol-Myers Squibb, Covance, Eisai, FORMA Therapeutics, GlaxoSmithKline, Kendle, Lonza, Merck Sharp & Dohme, Novartis, Pfizer, PharmaLogicals, PPD, Quintiles, Roche, sanofi-aventis, S*Bio and Takeda.

Medical Technology Companies

3M, AB Sciex, Applied Biosystems, Affymetrix, Baxter, BD (Becton Dickinson), Bio-Rad, Biosensors International, Boston Scientific, Bracco Imaging, Cardinal Health, Ciba Vision, Clearlab, Covidien, Edwards Lifesciences, Essilor, Thermo Fisher, Fluidigm, Forefront Medical Technologies, HealthStats, Hill-Rom, Hoya Medical, JMS (Japan Medical Supply), Johnson & Johnson, Medtronic, Menicon, MP Biomedical, Oculus, PerkinElmer, Philips Medical Systems, ResMed, Roche Diagnostics, Siemens Medical Instruments, Sysmex, Veredus, Waters, Welch Allyn, West Pharma and Zimmer.



Where Do You Fit Into The Picture?

Singapore's distinction in the biomedical sciences sector stems from our unwavering commitment to the advancement of biomedical technologies and our world-class facilities solely dedicated to the industry's growing needs. The Singapore-based companies and research organisations are looking for top talent including engineers, scientists and researchers to fuel this industry further.

There is no better time to be in Singapore than now – the city-state is growing economically, with a constant bustle of activity. Situated at the heart of the world's fastest growing economies, the city is a bridge between the East and West, burgeoning with diversity and opportunities. Couple these factors with the city's superb physical infrastructure, sophisticated IT network, great variety of living, dining and entertainment options, and you have one of the most livable cities around.





Contact Singapore Now!

To find out more about the career opportunities in Singapore, log on to www.JobsAtSingapore.sg or email us at singapore@contactsingapore.sg.

Contact Singapore is an alliance of the Singapore Economic Development Board and Ministry of Manpower. It aims to attract global talent to work, invest and live in Singapore.

With offices in Asia-Pacific, Europe and North America, Contact Singapore is the one-stop centre for those who wish to pursue a rewarding career in Singapore,

as well as individuals and entrepreneurs who are keen to invest in or initiate new business activities here. Contact Singapore actively links Singapore-based employers with global talent and provides updates on career opportunities and industry developments in Singapore. We work with private sector partners to facilitate the interests of potential individual investors in Singapore.

For more information on working, investing and living in Singapore, please **visit www.contactsingapore.sg**

