

PRESS RELEASE

For Immediate Release

National Supercomputing Centre Singapore and Global Gene Corp Sign a Strategic Collaboration in Support of Singapore's Precision Medicine Initiative

June 2017, Singapore – The National Supercomputing Center (NSCC) Singapore and Global Gene Corp (GGC), genomics platform company backed by EDB Singapore, exchanged a Memorandum of Understanding (MoU) to benefit the future of Singapore's Precision Medicine Initiative. The collaboration allows GGC to leverage NSCC's High Performance Computing (HPC) platform for genomics applications and for NSCC to tap on GGC's expertise to create the next generation supercomputing infrastructure which will benefit genomics and the precision medicine initiative in Singapore. The ceremony took place on 16 June 2017 at Global Gene Corp's R&D centre in Wellcome Genome Campus, Cambridge UK, which is co-located with European Bioinformatics Institute (EBI-EMBL) and The Sanger Institute, a site of the Human Genome Project.

Associate Professor Tin Wee Tan, Executive Director of Singapore's NSCC said, *"We are delighted to embark on this collaboration with Global Gene Corp, a Singapore company with support from Singapore's Economic Development Board. While we are already backing initiatives in genomics-driven precision medicine with high performance computing capabilities, we also want to boost projects with wider aspirations,"* he added. *"Global Gene Corp, with their presence in Boston, Cambridge UK and India, has become a fast emerging leader in genomics data of under-explored populations of Asia and Africa. Led by a top team of Harvard and Singapore scientists and doctors in creating a computationally effective genomics pipeline, Global Gene Corp will help us boost Singapore's genomics HPC infrastructure as much as we can offer them disruptive HPC resources at the petascale level."*

Sumit S Januar, Chairman & CEO of Global Gene Corp said, *"As a Singapore origin company, we are delighted to partner with NSCC to achieve the ambition of democratising healthcare through genomics. We are aligned with, and committed to, NSCC's vision to contribute to building Singapore as the leading hub in genomics. This partnership represents a strategic collaboration building on our work to deliver ggcINDIA, the first ever genomic beacon for Indian population in collaboration with GA4GH."*

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About National Supercomputing Centre (NSCC) Singapore

The National Supercomputing Centre (NSCC) Singapore was established in 2015 and manages Singapore's first national petascale facility with high performance computing (HPC) resources to support science and engineering computing needs for academic, research and industry communities. Funded by its stakeholders, including Agency for Science Technology and Research (A*STAR), Nanyang Technological University (NTU), National University of Singapore (NUS), and Singapore University of Technology and Design (SUTD), with substantial funding from the Singapore Ministry of Trade and Industry (MTI), NSCC aims to democratise access to supercomputing. NSCC works with local and international organisations to catalyse collaborative HPC projects and programmes which support national research and development initiatives, attract industrial research collaborations and enhance Singapore's research capabilities. For more information, please visit <https://nscg.sg>.

About Global Gene Corp

Global Gene Corp is a genomics platform company, backed by Economic Development Board (EDB) Singapore, with a vision to democratise healthcare through genomics to positively disrupt healthcare for everyone. The company is creating genomics insights in underexplored populations starting in India. The company's R&D is located in the Wellcome Genome Campus in Hinxton, Cambridge with its headquarters in Singapore and presence in Boston, Mumbai and Ahmedabad. The company has been profiled by BBC "The power of a Billion: India's genomic revolution", MIT Technology Review "Taking Genomic Data Global" with precision medicine pioneers in September 2016 and selected as "The Next Big Thing" by Cambridge Network in November 2016, quoted as "Democratising Future of Healthcare", The Sunday Times in February 2017. The company has collaborators across the world including some of the world's leading institutions in genomics. It is one of only three companies selected to be part of the first cohort of "cutting-edge" businesses to move into the Campus' new £42M Biodata Innovation Center in



July 2016. Global Gene Corp recently joined UK Prime Minister Theresa May as she inaugurated this new Biodata Innovation Centre and Sequencing Facility to highlight the Government's commitment to bioscience. GGC Founders/Principals: Sumit S. Jamuar (CEO), Dr. Jonathan Picker (co-CSO), Dr. Saumya S. Jamuar (co-CSO), and Kushagra Sharma (COO).

The Wellcome Trust Sanger Institute is one of the world's leading genome centres. Through its ability to conduct research at scale, it is able to engage in bold and long-term exploratory projects that are designed to influence and empower medical science globally. Institute research findings, generated through its own research programmes and through its leading role in international consortia, are being used to develop new diagnostics and treatments for human disease. <http://www.sanger.ac.uk>

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