BIOBRIIDGE

Texas Medical Center - Denmark BioBridge
THE BIOBRIDGE

The Texas Medical Center (TMC) and the Kingdom of Denmark have created a global life science BioBridge to advance commercial and clinical innovation and to enable research collaborations and knowledge transfer. The BioBridge is bringing together government, academic and research institutions, and innovation organizations to collaborate in two areas: 1) Innovation and commercialization and 2) Research and education.

The BioBridge will be a marketplace for innovative life science technologies focused in digital & tele-health, medical devices and operations. The partnership will provide access to the US and Denmark for emerging technologies from conception to commercialization. Shared curriculum focusing on entry into new markets through accelerators and co-working space will provide legal, business, regulatory and mentorship to start-up companies.

The next area of the BioBridge will focus on research and health care delivery. We will look to build upon existing partnerships and research within the BioBridge’s partners and institutions in clinical research and precision medicine, including a research data link from Denmark and TMC to support these initiatives.

We are looking forward to working on this exciting partnership.

William F. McKeon
CEO, Texas Medical Center

Jacob Vind
Consul General of Denmark, Houston

Her Royal Highness Crown Princess Mary is patron for Healthcare DENMARK

“In Denmark, our focus on putting the patient first – combined with constant efforts to improve efficiency and quality – has resulted in a wide array of innovative healthcare solutions. I sincerely believe Danish technologies, products and expertise can have a positive impact on global health.”

Anders Drechsler B. Jensen, CEO, Guldmann

BIODRIDGE FOCUS AREAS.

Innovation & Commercialization

• Digital/Tele Health – Improve patient health and care experience through use of digital platforms, data and new technology.

• Medical Devices & Therapeutics – Improve patient outcome through new innovative medical devices and Therapeutics.

• Operational Solutions – Improve hospital service and operational models by the application of innovative technologies, automation and sustainable solutions to reduce cost, time and environmental footprint, while improving quality of care and outcome.

Research & Education

• Clinical Research – Promote current and future clinical trial activity for priority cooperation and collaboration through AI technology.

• Precision & Personalized Medicine – Promote strategic collaborative initiatives in precision & personalized medicine.

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WHAT IS TEXAS MEDICAL CENTER?

Texas Medical Center (TMC) is the largest medical city in the world. TMC is a non-profit umbrella organization that helps organize the various member institutions and catalyzes them with the ultimate goal for TMC to become the world leader in health and life sciences by leveraging the collective power of its renowned institutions.

TMC INNOVATION INSTITUTE

The TMC Innovation Institute is a unique learning environment that is aimed at impacting the health care industry through the collaboration of medicine and cutting-edge technology from around the world.

Boasting an accelerator for healthcare startups in the form of TMCx, a co-working space for early stage companies and entrepreneurs called TMCx+, an expansive suite for industry partners in the form of TMCxi, a unique one-year fellowship program called Biodesign, and industry partners in the form of Johnson & Johnson (JLABS and the Center for Device Innovation), AT&T Foundry, and ABB Robotics, and TMC is a collaborative campus that will accelerate research discoveries.

The TMC vision includes becoming the global leader in innovation and commercialization, develop the most effective health policies, and be the world’s leader in transformational clinical research.

WHY LIFE SCIENCE IN TEXAS

Texas Medical Center (TMC) in Houston is the largest medical complex in the world by number of hospitals, number of physicians, square footage and patient volume.

Facts
• 60+ member institutions
• World’s largest children’s hospital
• World’s largest cancer hospital
• 10 million patient visits per year
• 180,000 + annual surgeries
• 750,000 ER visits per year
• 13,600 + total heart surgeries
• 106,000 + employees
• 50+ million developed square feet
The TMC-DK BioBridge has established a strategic partnership with The Confederation of Danish Industry (DI) to strengthen and support their members. DI is Denmark’s largest, most representative and most influential business and employers’ organisation, covering manufacturing as well as service industries across sectors such as transport, energy, IT, health, trade, and professional services.

MapsPeople is an innovative company with a start-up feel. The company originates from the J. S. Jensen’s Cartographic Institution of Denmark founded in 1897 that made hand drawn maps. MapsPeople is a world leader in digital indoor wayfinding - built with Google Maps. The MapsIndoors product offers patients, visitors, and staff an in-app indoor wayfinding solution, which will improve the experience at the hospital significantly.

Guldmann works with the development, manufacture, and sales of medical technology for people with reduced capabilities, and work tools for those who look after them. They focus on improving work procedures and the working environment in the health and care industries, where moving, lifting and positioning, as well as mobilisation and rehabilitation, are prime concerns. The Guldmann product range includes ceiling hoists, mobile lifters, slings and lifting accessories.

Radiobotics is challenging the status quo of musculoskeletal radiology, increasing throughput by automating routine tasks, whilst improving diagnostic quality. There are not enough radiologists to cope with the ever growing amount of medical images, which leads to delay in diagnosis and treatment. Radiobotics aims to automate analysis and description of routine medical x-ray images at hospitals with a focus on musculoskeletal radiology (MSk).

Neurescue is a TMCx Medical Device Cohort participant and strategically interested in reaching volume of patients at TMC with their life saving device. The Neurescue safeREBOA device is the first computer-aided aortic occlusion catheter, with intelligent safety feedback and pressure-limited filling. The safeREBOA device is designed with as few user steps as possible, built-in feedback and a high safety profile.

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Neurescue is in Texas as a part of the BioBridge program to bring Danish health tech innovation to the US. It has been an exciting opportunity for a start-up company like Neurescue to network with leading stakeholders and KOL’s in Texas – especially because we have our first fully developed product to begin our journey in USA.

Habib Frost, CEO, Neurescue