**DDI Strategy Development Roadmap: 2017-18**

A strategic planning process was used to identify gaps, and understand challenges to enable development of the Strategic Plan

<table>
<thead>
<tr>
<th>IDENTIFIED CHALLENGES</th>
<th>WHAT DO WE NEED TO DO?</th>
<th>HOW SHOULD WE DO IT?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Is our research addressing diabetes epidemic in Kuwait?</td>
<td>Conduct research that focuses on improving diabetes prevention and management in Kuwait</td>
<td>Understand the population’s genetic lifestyle to tailor our research plans — Target key health outcomes in diabetes using evidence-based research — Lead genomics, proteomics and metabolomics research to develop innovative platforms to help address diabetes and its complications — Integrate biomedical, population health and clinical care research for multi-disciplinary initiatives — Focus primarily on prevention and management of diabetes</td>
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<tr>
<td>Are we facilitating translational research projects?</td>
<td>Align Research and Clinical activities to create a translational research platform</td>
<td>Create a platform for translational research — Address diabetes research questions that enable closing knowledge gaps and tackling the epidemic through prevention and intervention studies — Implement a transparent governance framework — Promote and prioritise interdisciplinary initiatives — Adopt robust monitoring and reporting procedures</td>
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<tr>
<td>Are we utilising our core facilities and capabilities effectively?</td>
<td>Optimise the use of our resources and assets to create opportunities for financial sustainability</td>
<td>Embed talent management and high performing teams — Promote innovation and continuous improvement — Develop a framework with realistic strategies for financial stability — Promote ehealth / mHealth culture and digital revolution — Generate financial sustainable platform through optimal utilisation of services</td>
</tr>
<tr>
<td>Do our stakeholders understand our core functions?</td>
<td>Enhance stakeholder engagement through clear and effective communication matrices</td>
<td>Leadership to drive the message of change — Promote engagement and collaborative working with MOH, KU, MENA organizations &amp; other stakeholders — Strengthen local, regional and international collaborations to pursue innovation and research excellence — Raise awareness and share diabetes-related knowledge and content through active educational engagements for the patients and public.</td>
</tr>
</tbody>
</table>

**Our Values**

Transparency • Integrity • Innovation • Excellence

Empowerment • Dedication • Collaboration

**How can we improve**

**Develop**

- communicate and publish an integrated strategic plan that allows DDI to deliver vision and mission
- Focus on improving the health outcomes of the Kuwaiti population
- Utilize our resources and assets to create opportunities for financial sustainability
- Articulate the focus of our direction to all internal and external stakeholders

**Optimize**

- the use of existing resources and seek creative and sustainable sources of funding
- Streamline DDI’s operating model and create transparency to deliver research that addresses the challenges of Kuwait
- Integrate research activities to create a translational research platform

**Our Focus**

**VISION**

To be the leading diabetes institute in the MENA region and to be recognized internationally.

**MISSION**

To address the diabetes epidemic in Kuwait through focused diabetes research, integrated prevention, training and education.
**Our Strategic Initiatives**

**Where are we going 2018-2023**

At DDI, the executive leadership and our teams aim to overcome these challenges by diligently planning and implementing our strategic initiatives and objectives to achieve our vision and mission. With our focused efforts, strategic collaborations and clearly defined outcomes, we will be able to successfully translate our research from bench to bedside, engage the community and set the benchmark for Diabetes Research in the region.

**Initiatives**

1. Epidemiology, Etiology, Genetics and Pathophysiology of Diabetes

2. Prevention and Management of Diabetes and its complications

3. Education and Skills Development

4. Organizational Transformation

5. Financial Sustainability

**Objectives**

- Develop the database of genome-wide variations in Kuwaiti families. Focus on T1D, T2D, MODY, GDM, LADA, neonatal diabetes and rare metabolic diseases
- Establish a national diabetes registry
- Address childhood obesity and associated health effects, pre-diabetes and T2D
- Estimate prevalence of gestational diabetes mellitus (GDM) and macrosomia in Arabic women
- Discover and assess diagnostic & prognostic biomarkers for diabetes and its complications
- Understand specific signaling pathways involved in diabetes and its complications
- Create a recognized center for clinical trials for the prevention and treatment of diabetes, related disorders and its complications tailored to the Kuwaiti population
- Increase understanding of the mechanisms by which interventions can contribute to the prevention and management of diabetes, using mechanistic and imaging techniques
- Develop diabetes structured educational programs that lead to improvement of healthcare delivery service, patient wellbeing and diabetes outcomes using behavioral interventions, therapeutics and technology/innovation
- Implement policies, procedures and governance frameworks that define the roles of and interaction between all DDI Sectors
- Achieve a revenue-generating framework for cost management and activities focused on building a financially sustainable platform for DDI

**Operating Model**

**How do we operate**

We have defined an efficient and effective operating model that allows us to bridge between Institutional strategy and processes. By using a multidisciplinary approach, we aim to become the leading research organization in MENA.

**STAKEHOLDER INTERFACE**

KFAS, Ministry of Health, Kuwait University, Strategic Alliances, Public, Patients, DDI Staff

Management layer responsible for enabling the delivery of institutional strategy, resource management, performance monitoring, corporate governance, asset commercialisation, and alignment with the stakeholders

**LEADERSHIP AND GOVERNANCE**

**STRATEGIC MANAGEMENT**

**Biomedical, Population Health and Clinical Research**

- Translation to Humans, Patients and Practice
- Translation to Community

**Preclinical, Cellular and Animal Studies**

- Clinical Research and Trials
- Multidisciplinary Research
- Patient Education & Training
- Lifestyle and Well-Being

**Community based Outcomes Research**

- Information Technology and Health Informatics
- Research Participants/Patient Safety and Quality Management
- Operational Functions: Finance, Legal, and Human Resources
- Public Relations and Media Services

Operational support layer to support all DDI activities