

INDIGENIZING GENOMICS IN THE GULF REGION (IGGR): THE MISSING ISLAMIC BIOETHICAL DISCOURSE

Project Title	Indigenizing Genomics in the Gulf Region (IGGR): The Missing Islamic Bioethical Discourse	
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Funding Source	<input type="checkbox"/> Internal <input checked="" type="checkbox"/> External Please specify the funding program: NPRP8-1620-6-057	
Duration (start date/ end date)	September 2016 – March 2020	
Area of Research (ex: energy, health, humanity and social sciences, law, Islamic studies...etc.)	Islamic Studies	

Project Summary (limit to 200 words)
<p>The Gulf region showed a keen interest to join this genomic revolution. In 2013, HH Sheikha Moza bint Nasser launched the Qatar Genome Project (QGP). What is absent in the Gulf region is a credible knowledge-base that would pair the scientific research with cutting-edge research in Islamic ethics. Indigenizing Genomics in the Gulf Region (IGGR) is research project that aspires to become a leading initiative dedicated to the ethical implications and opportunities in Islamic discourses.</p> <p>The IGGR will accomplish its aims by developing a multi-dimensional Islamic bioethical research. It will be rooted in the Islamic religio-ethical tradition and will pave the way for dynamic conversation with other global ethical traditions. The IGGR will seek to find synergies with the Qatar Genome Project and similar initiatives in the region in order to optimize the research outcomes and will also examine the impact of its results on drafting Qatari laws on genomics besides its relevance for developing informed and ethical policies in this field in Qatar, the Gulf region and beyond. The IGGR will serve as a model for dialogue between science and Islam by creating a set of methods, questions and conceptual vocabulary to facilitate bringing together these sources of knowledge.</p>

Project Objectives (limit to 200 words) [bullet points]

1. Address the lacunae in the current discourse on genomics in the Gulf countries by exploring the relevant Islamic religio-ethical dimensions.
2. Identify and analyze the main contours of the Islamic "moral universe" of genomics.
3. Produce academic literature and peer-reviewed publications that will enrich the Islamic ethical discourse on genomics.
4. Collaborate with Qatar-based stakeholder in the field of genetics and genomics, including Qatar Genome Program and Ministry of Public Health, to provide evidence-based recommendations and guidelines.

Up-to-date achievements/if any (limit to 200 words) [bullet points]

- Organized various academic and outreach activities, including an International Seminar, and various public lectures.
- Provided evidence- and research-based guidelines for Qatari institutions working in the field of genetics and genomics.
- Produced various academic and peer-reviewed publications, including:
 - One Edited Volume
 - 12 Book-Chapters
 - Two Thematic Issues
 - 18 Articles

Photos, schematics, graphs....etc.

Please see below



Project Title: Indigenizing Genomics in the Gulf Region (IGGR):
The Missing Islamic Bioethical Discourse (NPRP #8-1620-6-057)

Lead PI: Mohammed Ghaly
Lead Institution: Hamad Bin Khalifa University
Co-Lead PI: NO
Co-Investigators: NO

Project/Technology Description

- **Briefly describe the technology. May use graphic illustrations.**
NR
- **Objective:** To examine the key questions raised by the emerging field of genomics from an Islamic ethical perspective
- **Key Results:** The various deliverables of the project demonstrated the richness of the Islamic moral tradition and the ability to produce an Islamic bioethical discourse that can critically engage with international deliberations on the interplay of genomics and ethics
- **Intellectual property position (if any):** NR

Technical Approach and Solution:

- **Major Challenges addressed:**
 - The extreme delays in finalizing the sub-contracts of the involved researchers and the Research Assistants, due to administrative complexities
- **Approach/Solution:**
 - The LPI had to take up extra tasks at various stages of the project because of these delays and complexities. Thus, better administrative systems would save much more time and energy for working on other core tasks.

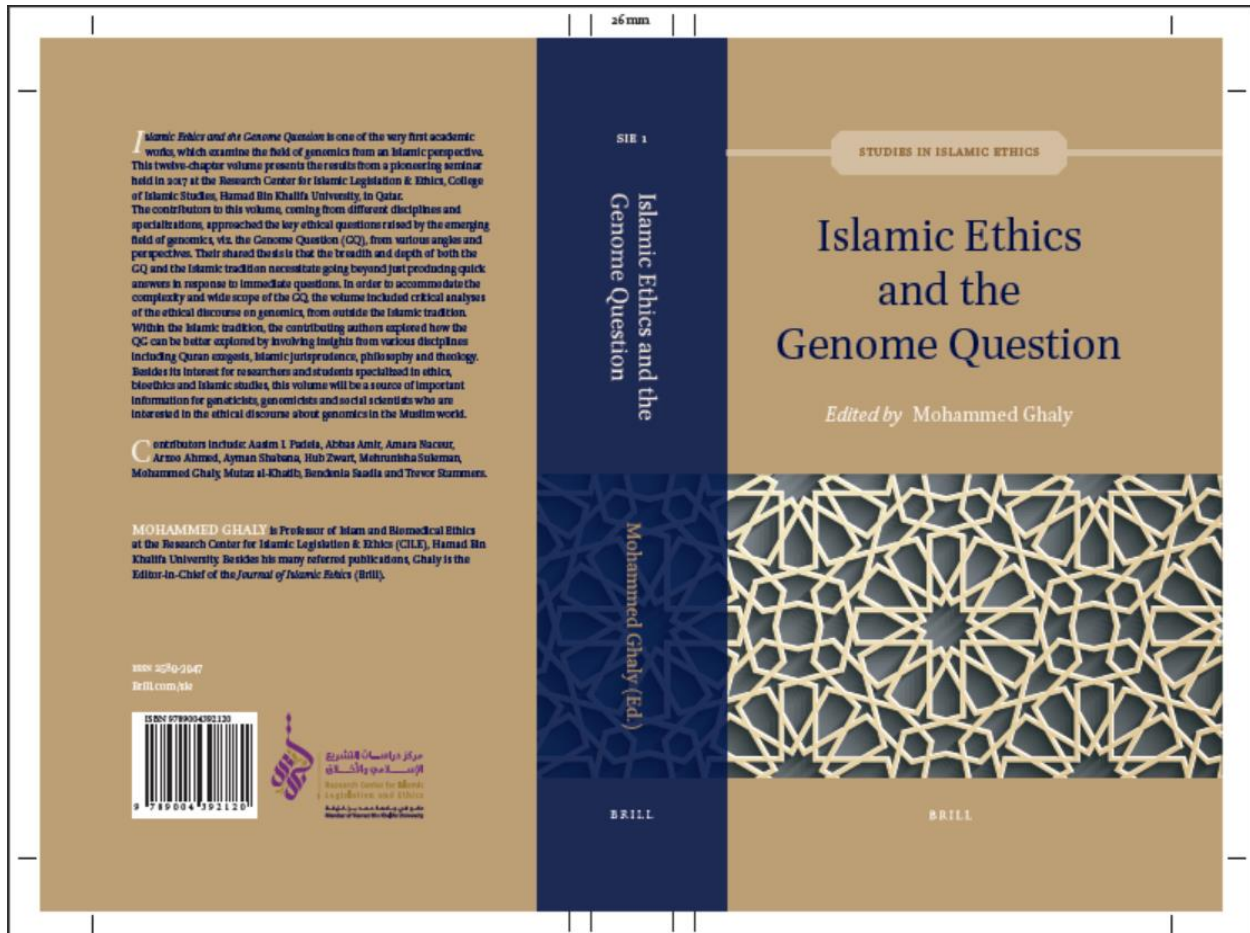
Benefits/Potential Applications/Customers/Markets

- **Benefit:**
The project functioned as the ethical arm of the Qatar Genome Program (QGP), in close collaboration with the colleagues there. The deliverables of the project provide well-tailored and insightful advice for the colleagues at QGP.
- **Application:**
The project made substantial contributed to applied Islamic ethics by producing well-argued insights on the interplay of genomics and Islamic ethics
- **Potential Customers/Market:** NR

Key Outcomes

- Organizing two international symposia
- Producing various academic and peer-reviewed publications, including,
 - 1 edited volume
 - 12 book-chapters
 - 2 thematic issues
 - 18 articles

Major Impacts: Putting Islamic ethics on the research agenda of global discourse on genomics ethics



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Tabayyun

عدد خاص:
علم الجينوم وسؤال الأخلاق:
منظور إسلامي

Special Issue:
Ethics and Genomics:
an Islamic perspective

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تبایون Tabayyun

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