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**CSIR-INSTITUTE OF GENOMICS AND INTEGRATIVE
BIOLOGY**
Council of Scientific & Industrial Research
South Campus, CRRI Campus
Mathura Road, Delhi 110020

30th August 2023

Dear Members of the Sun Pharma Award Selection Committee,

I am writing to wholeheartedly recommend Dr. Debojyoti Chakraborty for the prestigious Sun Pharma Award in recognition of his outstanding contributions to the field of Indigenous CRISPR technology development, innovative paper strip-based COVID diagnostics utilizing CRISPR technology, and groundbreaking basic research on CRISPR in India.

I have had the privilege of working closely with Dr. Debojyoti Chakraborty for several years, and I can attest to his exceptional dedication, scientific prowess, and visionary leadership in the field of molecular biology and biotechnology. His accomplishments are nothing short of remarkable.

One of Dr. Chakraborty's most significant achievements has been his pioneering work in the development of Indigenous CRISPR technology. His tireless efforts have resulted in the creation of a novel CRISPR platform that is not only revolutionary in its capabilities but also distinctly rooted in the context of India's unique genetic diversity and medical needs. This technology, currently under clinical trial, holds immense promise for the advancement of precision medicine and genetic therapies, not only in India but on a global scale.

Moreover, Dr. Chakraborty's ingenuity shines through in his development of the world's first paper strip-based COVID diagnostics based on CRISPR technology. In the face of the global pandemic, his innovation has offered a cost-effective, rapid, and accessible solution for COVID-19 testing. This groundbreaking achievement has undoubtedly saved countless lives and has the potential to continue doing so.

In addition to his practical applications, Dr. Chakraborty has demonstrated exemplary commitment to advancing the fundamental understanding of CRISPR technology through his outstanding basic research. His work has not only expanded the boundaries of knowledge but has also opened new avenues for therapeutic and diagnostic applications.

Dr. Debojyoti Chakraborty's dedication to scientific excellence, coupled with his vision for harnessing the power of CRISPR technology for the benefit of humanity, aligns perfectly with the objectives of the Sun Pharma Award. His work represents a paradigm shift in biotechnology and genetics, and his contributions have the potential to transform healthcare, not only in India but globally.

I wholeheartedly endorse Dr. Debojyoti Chakraborty for the Sun Pharma Award, and I believe that his work deserves the highest recognition. His commitment to advancing science and improving human health is both inspiring and exemplary.

Thank you for considering my strong recommendation of Dr. Debojyoti Chakraborty for this prestigious award. If you require any further information or clarification regarding his qualifications and achievements, please do not hesitate to contact me.

Sincerely,

Dr. Souvik Maiti

Director, CSIR Institute of Genomics and Integrative Biology,
New Delhi 110025

निदेशक / Director
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