



The Scientific Legacy of Har Gobind Khorana

Total Synthesis and the Genetic Code

By Sahotra Sarkar

Pub Date: 13 August 2024

Binding: Hardback

Price: £80.00 / \$110.00
\$110.00

ISBN: 9781839992322

Extent: 144 pages

Size: 153 x 229 mm /
6 x 9 inches

BISAC CATEGORY: SCIENCE / History

SCIENCE / Philosophy & Social Aspects,

SCIENCE / Life Sciences / Molecular Biology

BISAC CODE: SCIO34000

BIC CODE: G

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This book describes the inspiring journey and scientific legacy of Nobel laureate Har Gobind Khorana.

This book is the only scientific biography of the Nobel Prize-winning Indian American chemist, Har Gobind Khorana.

Readership

This book would be of interest to biologists, particularly molecular biologists, and to historians, philosophers, and sociologists of science.

Key selling points

Presents a scientific biography of the Nobel Prize-winning Indian American chemist, Har Gobind Khorana

Describes how the genetic code was deciphered in the 1960s to earn Khorana and Marshall Nirenberg a Nobel Prize in Physiology and Medicine

Describes the first synthesis of a functional gene in the laboratory

Provides the history of PCR and the relative role of the major players in its creation

Contents

Prologue; Preface; 1 Beginnings; 2 The Liverpool Years; 3 Swiss Interlude; 4 Through Cambridge to Vancouver; 5 The Genetic Code; 6 Total Synthesis of a Gene; 7 The Membrane Decades; 8 Later Years and Legacy; Acknowledgments; References; Index

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