

**English/Spanish
Bilingual Edition**

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307 pages

197 figures (139 in color)

5 tables

€ 25

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Medicines of Spanish History from America

Drugs from America and their evolution to modern drugs

The discovery of America by the Spanish meant a new source of drugs. The great biodiversity of the New World territories provided many new medicinal plants and crude drugs, which were incorporated to the armamentarium and pharmacopoeias of those times. This book is devoted to medicines discovered after the Spanish settlement of America.

The book is beautifully illustrated containing about 200 pictures (139 color photographs), many of them of a great historical value.

The legendary Spices Trade Routes. Spanish contribution to the study of pre-Columbian civilizations. Expeditions to the American Continent. Expeditions of the botanists Francisco Hernández (16th Century); Charles-Marie de la Condamine, Jorge Juan, Antonio de Ulloa; Hipólito Ruiz and José Pavón; Alexander von Humboldt and Aimé Bonpland (18th Century); Richard and Robert Schomburgk brothers, Eduard Poeppig and others (19th Century). Discovery of medicinal plants from American origin. Study of *Three Cs crude drugs*: COCA, CINCHONA, CURARE. Ipeca and others drugs; their study and use in the Medicine of New World's territories and its introduction in Europe.

Isolation of the active components; chemical structure, structural variations and evolution to modern drugs (Local Anaesthetics. Antimalarial drugs analogous of quinine. Neuromuscular blocking agents: Natural curare and synthetic curare-like drugs in the Surgical Anaesthesia).

Complementary book to the previous author's book
The Evolution of Drug Discovery. From traditional medicines to modern drugs. Wiley-VCH, 2011.

Information/Orders

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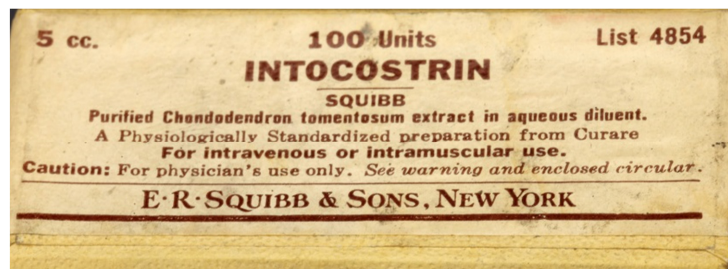
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HISTORICAL BACKGROUND.

The discovery of America.
The Scientific Expeditions to the New World.



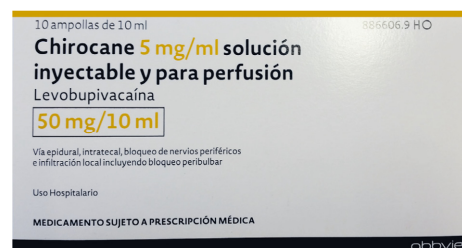
CURARE. A VERY LONG JOURNEY. Natural and synthetic curares



CINCHONA BARK AND ITS ALKALOIDS



COCA LEAF. COCAINE AND LOCAL ANAESTHETICS



IPECA *** CRUDE DRUG COLLECTIONS



The first crystalline alkaloids (1863).

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