


THE EVOLUTIONARY ROOTS OF HUMAN BRAIN DISEASES

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DESCRIPTION:

Richly illustrated with figures and examples and supplemented with a glossary of terms, *The Evolutionary Roots of Human Brain Diseases* assembles recent findings in clinical neuroscience, evolutionary biology, anthropology, and cellular biology to elucidate the origins of human brain diseases and how evolution has given rise to exclusive impacts on brain health only in humans. The book is succinct, up-to-date, and written by researchers across numerous disciplines, making it a compulsory read for clinical neurologists, psychologists, and all medical researchers interested in the brain.

The book's 22 chapters cover basic science concepts behind cerebral cellular specificities or human-specific network developments, detailed discussions of neurological or psychiatric diseases and their clinical expression with an evolutionary focus, the newest imaging techniques to study the brain, future medication developments, as well as cultural and societal repercussions. Evolutionary concepts ranging from genetic pleiotropic antagonism to disease remnants of ancient behaviours crucial for survival are also presented. Insightful and innovative in its approach, this book offers a fascinating interdisciplinary dialogue on the potential repercussions of ongoing human brain evolution.

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