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EXCITATION OF THE HEART



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The problems of general and evolutionary electrocardiology on the succession of depolarization (activation) wave propagation in heart atria and ventricles are considered. This book is based on original data obtained by the authors and presented here in English for the first time. Four types of excitation of intramural layers of ventricular myocardium in vertebrate animals are described. The experimental results showing the succession of atrial and ventricular activation on chronotopographic maps allow one to analyze the electrophysiological regularities of heart functioning in vertebrate animals at different stages of the evolutionary process. The book is intended for physiologists, biophysicists, specialists in the field of cardiology and biologists interested in the problems of evolution of functions. Bibliography 304 references, 77 illustrations, 5 tables.

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