

# Preface

The main objective of writing this book on gap junction proteins is to address the audience who are not familiar with the gap junction proteins known as connexins. Connexins, or gap junction proteins, are a family of structurally related transmembrane proteins that assemble to form intercellular channels known as gap junction channels. This book provides a basic overview of the family of connexin proteins. After providing brief introduction about the connexins and their historical perspective, the book furnishes detailed insight about the genomic organization and the expression regulation of the connexin proteins. Moreover, a comprehensive overview of the distribution and role of connexin proteins in various tissues has been addressed. The latter topics have dealt with the role of connexin mutation in various human diseases. I hope my little endeavour will benefit the students who are interested to know the fundamentals of gap junctions. To make this book better, criticisms and suggestions are most welcomed.

Srinagar, Jammu and Kashmir

Mahboob Ul Hussain



<http://www.springer.com/978-81-322-1918-7>

Connexins: The Gap Junction Proteins

Hussain, M.U.

2014, XV, 93 p. 4 illus. in color., Softcover

ISBN: 978-81-322-1918-7