
Contents

Preface		vii
Chapter I	Structure of Regucalcin Gene	1
Chapter II	Transcriptional Regulation of Regucalcin Gene Expression	7
Chapter III	Hormonal Regulation of Regucalcin Gene Expression	27
Chapter IV	Change in Regucalcin Gene Expression in Pathophysiological State	33
Chapter V	Role of Regucalcin in Intracellular Calcium Homeostasis	43
Chapter VI	Reversible Effect of Regucalcin on Calcium Effect in Enzyme Regulation	53
Chapter VII	Role of Regucalcin in the Regulation of Nuclear Signaling	59
Chapter VIII	Role of Regucalcin in Protein Synthesis and Degradation	65
Chapter IX	Suppressive Role of Regucalcin in Apoptosis	69
Chapter X	Role of Regucalcin as a Suppressor in Cell Proliferation	77
Chapter XI	Role of Regucalcin as a Suppressor in Liver Regeneration	87
Chapter XII	Overexpression of Regucalcin Induces Osteoporosis and Hyperlipidemia	91
Chapter XIII	Deficiency of Regucalcin and Metabolic Disorder	111
Chapter XIV	Regucalcin and Human Disease	117
References		121
Index		149