

CONTENTS

	<i>Pages</i>
<i>Acknowledgment</i>	
<i>Part I</i>	
<i>Introduction and aim of the work</i>	<i>1</i>
<i>Part II</i>	
<i>Review of literature</i>	
 <i>Chapter 1</i>	
<i>Role of endothelium in responses of vascular smooth muscle</i>	<i>2-8</i>
 <i>Chapter 2</i>	
<i>Endothelial interactions with platelets and leucocytes in coronary heart disease.</i>	<i>9-17</i>
 <i>Chapter 3</i>	
<i>Hyperlipidemia and coronary heart disease</i>	<i>18-35</i>
- <i>Introduction</i>	
- <i>Lipoprotein metabolism</i>	
- <i>Atherogenecity of individual lipoprotein particles</i>	
- <i>Laboratory diagnosis of hyperlipidemias</i>	
- <i>Classification of hyperlipidemias</i>	
- <i>High density lipoproteins and coronary heart disease</i>	
 <i>Chapter 4</i>	
<i>Endothelins</i>	<i>36-44</i>
- <i>Introduction</i>	
- <i>Structure and biosynthesis</i>	
- <i>Biological actions</i>	
- <i>Cellular actions and signal transduction pathways activated by endothelin</i>	
 <i>Chapter 5</i>	

<i>Part III</i>	
<i>Patients and methods</i>	49-53
<i>Part IV</i>	
<i>Results and statistical analysis</i>	54-67
<i>Part V</i>	
<i>Discussion</i>	68-70
<i>Part VI</i>	
<i>Summary and suggestions for further work</i>	71-72
<i>Part VII</i>	
<i>References</i>	73-100
<i>Part VIII</i>	
<i>Arabic summary</i>	