

## **CONTENTS**

<b>ABSTRACT</b>	i
<b>REVIEW OF LITERATURE</b>	1
<b>CHAPTER 1: Evaluation of semen parameters and sperm function test among male partners of RPL couples</b>	
Introduction	17
Materials and methods	20
Results	26
Discussion	56
<b>CHAPTER 2: Assessment of accessory gland functioning and oxidative stress through selected markers</b>	
Introduction	63
Materials and methods	67
Results	79
Discussion	100
<b>CHAPTER 3: Cytogenetic studies through G-banding and karyotyping of male partners of RPL couples</b>	
Introduction	105
Materials and methods	108
Results	112
Discussion	129
<b>CHAPTER 4: Screening of microdeletion in the Y chromosome among male partners of RPL couples</b>	
Introduction	135
Materials and methods	139
Results	145
Discussion	156
<b>General summary</b>	161
<b>References</b>	164
<b>Appendix</b>	