

# Contents

<b>1</b>	<b>The Genetics of Alzheimer's Disease: Introduction and Perspective for the Future</b> .....	<b>1</b>
	Kevin Morgan and Minerva M. Carrasquillo	
<b>2</b>	<b>Apolipoprotein E</b> .....	<b>7</b>
	Minerva M. Carrasquillo, Guojun Bu, and Henrietta M. Nielsen	
<b>3</b>	<b>Clusterin</b> .....	<b>25</b>
	Jenny Lord and Kevin Morgan	
<b>4</b>	<b>PICALM</b> .....	<b>53</b>
	Jenny Lord and Kevin Morgan	
<b>5</b>	<b>Complement Component (3b/4b) Receptor 1 (CRI)</b> .....	<b>77</b>
	Jenny Lord and Kevin Morgan	
<b>6</b>	<b>Bridging Integrator 1 (BIN1)</b> .....	<b>103</b>
	James Turton and Kevin Morgan	
<b>7</b>	<b>ATP-Binding Cassette, Subfamily A (ABC1), Member 7 (ABCA7) ...</b>	<b>135</b>
	James Turton and Kevin Morgan	
<b>8</b>	<b>Membrane-Spanning 4-Domains Subfamily A, MS4A Cluster</b> .....	<b>159</b>
	Kristelle Brown, James Turton, and Kevin Morgan	
<b>9</b>	<b>Sialic Acid Binding Immunoglobulin-Like Lectin-3 (CD33)</b> .....	<b>181</b>
	Christopher Medway and Kevin Morgan	
<b>10</b>	<b>Erythropoietin-Producing Human Hepatocellular Carcinoma (<i>EphA1</i>)</b> .....	<b>191</b>
	Christopher Medway, Anne Braae, and Kevin Morgan	
<b>11</b>	<b>CD2-Associated Protein (CD2AP)</b> .....	<b>201</b>
	Christopher Medway and Kevin Morgan	

<b>12 Other Genes Implicated in Alzheimer's Disease</b> .....	209
Minerva M. Carrasquillo, Mariet Allen, and Nilüfer Ertekin-Taner	
<b>13 The Future Role of Biomarkers in Alzheimer's Disease Diagnostics</b> .....	231
Joanna L. Richens, Bharak Vafadar-Isfahani, Kelly-Ann Vere, Graham Ball, Noor Kalsheker, Robert Rees, Nin Bajaj, Paul O'Shea, and Kevin Morgan	
<b>Index</b> .....	249



<http://www.springer.com/978-1-4614-7308-4>

Genetic Variants in Alzheimer's Disease

Morgan, K.; Carrasquillo, M.M. (Eds.)

2013, VIII, 254 p., Hardcover

ISBN: 978-1-4614-7308-4