Contents

Editorial xi
Viswanathan Mohan

Abbreviations xiii

Diet-based Management and Treatment of Diabetes **1**
Christiani J Henry, Bhupinder Kaur

Physical Activity and Type 2 Diabetes **20**
RM Anjana

Sulfonylureas **34**
Sudha Vidyasagar

Metformin: Old Wine in a New Bottle—the Evidence-based First-line Agent in Type 2 Diabetes **45**
Shashank R Joshi

Alpha-glucosidase Inhibitors **55**
Sanjay Kalra, Jaikrit Bhutani

Pioglitazone **66**
Neeta R Deshpande

Dipeptidyl Peptidase-4 Inhibitors **74**
Gaurav Beswal, Ranjit Unnikrishnan, Viswanathan Mohan

Glucagon-like Peptide-1 Analogues **87**
Ajay Kumar

Insulin Therapy in Type 2 Diabetes Mellitus **105**
Rakesh Parikh, Kameshwari Padmanabhan

Insulin Pumps in Type 2 Diabetes Mellitus **120**
Jothydev Kesavadev

Sodium-glucose Cotransporter Type-2 Inhibitors in the Treatment of Type 2 Diabetes..... 134
Sunder Mudaliar

Type 2 Diabetes in Children..... 158
Kalpana Thai

Role of Insulin Analogues in Type 2 Diabetes..... 180
Rakesh K Sahay

Self-monitoring of Blood Glucose in Type 2 Diabetes..... 208
Ranjit Unnikrishnan