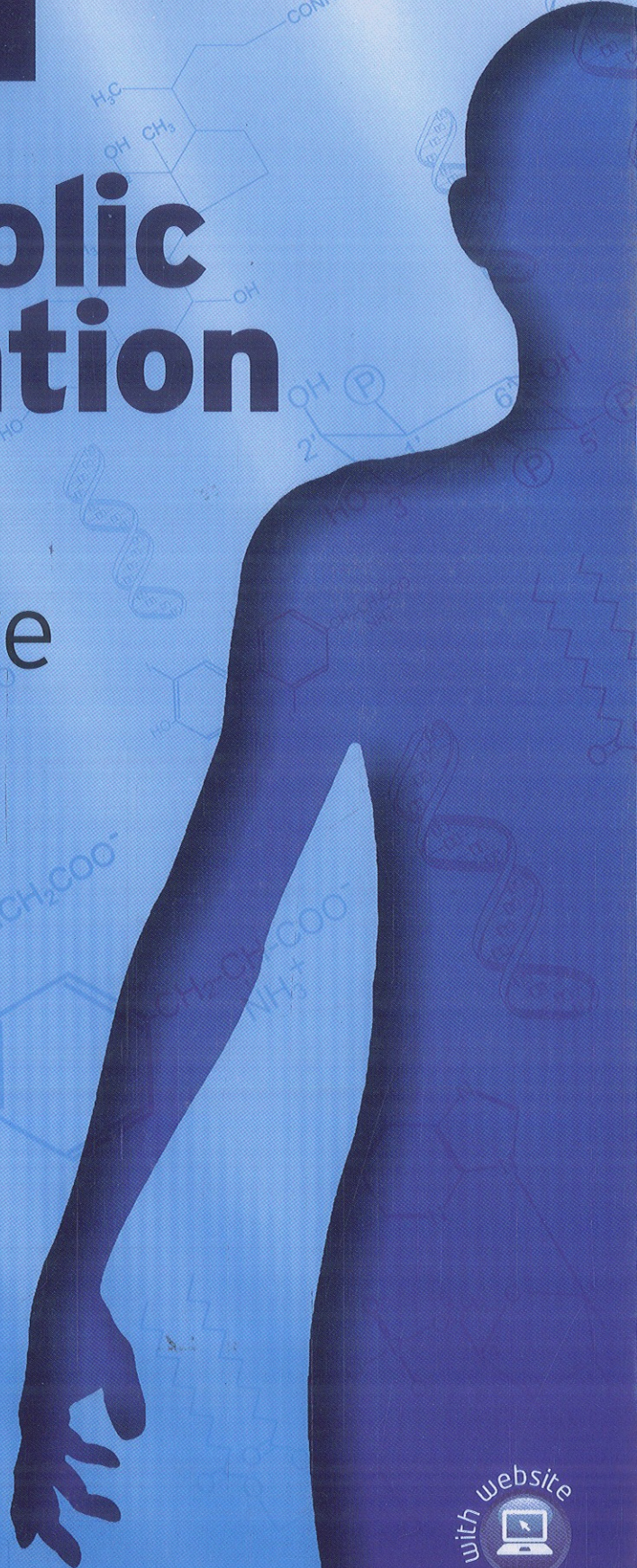


3RD EDITION

Metabolic Regulation

A Human Perspective

Keith N. Frayn



 WILEY-BLACKWELL



Contents

Call No.

วัน เดือน ปี

เลขทะเบียน **B5404425**

| | |
|--|------------|
| Preface | vii |
| List of Abbreviations | ix |
| 1 The Underlying Principles of Human Metabolism | 1 |
| 2 Cellular Mechanisms Involved in Metabolic Regulation | 27 |
| 3 Digestion and Intestinal Absorption | 53 |
| 4 Longer-Term Regulation of Metabolism | 77 |
| 5 Organs and Tissues | 92 |
| 6 Important Endocrine Organs and Hormones | 144 |
| 7 Integration of Carbohydrate, Fat, and Protein Metabolism in Normal Daily Life | 169 |
| 8 The Nervous System and Metabolism | 213 |
| 9 Coping with Some Extreme Situations | 235 |
| 10 Lipoprotein Metabolism | 275 |
| 11 Diabetes Mellitus | 306 |
| 12 Energy Balance and Body Weight Regulation | 329 |
| Colour plate section can be found between pages 148 and 149 | |
| References | 351 |
| Index | 359 |

Additional resources are published on the book's web site (www.wiley.com/go/fryan)