THE CONCEPTUAL FOUNDATIONS OF SYSTEMS BIOLOGY: AN INTRODUCTION

JAMES A. MARCUM

Nova Science Publishers, Inc. New York

CONTENTS

Acknowledgments Preface		vii ix
Chapter 2	Reductionism or Holism?	21
Chapter 3	Mechanism or Emergentism?	39
Chapter 4	Homeostasis or Robustness?	55
Chapter 5	What Type of Systems Disease is Cancer?	71
Chapter 6	What are the Challenges Facing Systems and Cancer Biology?	97
Chapter 7	Is Systems Biology a Scientific Revolution?	115
References		123
Indev		153