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Autore	Breitenbach Michael
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Nota di contenuto	Intro -- Preface -- Acknowledgments -- Contents -- About the Authors -- Abbreviations -- List of Figures -- 1: Stress and Poverty: An Introduction -- Joining Perspectives on Stress and Poverty -- Approaching Poverty -- Introducing Biological Stress Research -- Good Stress, Bad Stress, and Poverty -- Oxidative Stress as a Unifying Concept -- The Structure of This Book -- References -- 2: Hans Selye and the Origins of Stress Research -- Biographical Note -- The Beginning of Stress Research in Endocrinology -- Heat Shock -- Stress, Hormesis, Aging, Shock -- Lifestyle Factors -- References -- 3: Oxidative and Other Stress Research at the Cellular Level -- Introduction -- ROS and Their Function: The Basics of Oxidative Stress Defense -- The Integrated Stress Response and Its Relationship with Oxidative Stress -- Stress and the Origin of Life -- Stress and Molecular Evolution -- What Is Oxidative Stress in Cellular or Biochemical Terms? -- ROS Metabolism and Antioxidative Stress-Response Pathways in Cells -- The Role of Hydrogen Peroxide -- Stress and the Subcellular Compartmentation of Eukaryotic Cells -- Oxidative Stress Sensors of Eukaryotic Cells and Transmission of the Oxidative Stress Signal -- Universality of the Stress Phenomenon: Outlook

on Methods and Results -- References -- 4: Oxidative Stress and the Brain: A Working Hypothesis for the Generation of Psychological Stress -- Redox Metabolism in the Brain -- The Basics of Stress in Neurobiology -- A Biochemical Working Hypothesis for Psychological Stress -- Further Components of the Psychological Stress Response -- Examples of the Role of Psychological Stress in Psychosomatic Diseases -- Major Depression -- Psychosomatic Heart Disease -- Stress and the Immune System -- Conclusion -- References -- 5: Epigenetics and Some Further Observations on Stress-Induced Diseases.

Definitions and Overview -- In Utero-Acquired Predisposition for Metabolic Disease: The Example of the Dutch Hunger Winter -- Telomere Maintenance and Shortening -- Epigenetics, Psychological Stress, Heart Disease, and Further Observations on Stress-Induced Diseases -- References -- 6: Measuring Stress -- The Basic Challenges of Stress Measurement -- Measuring Acute Stress -- Investigating Chronic Stress and the Results of a Stressful Life History -- Perceived Psychological Stress and Physiological Stress Markers -- Biochemical Long-Term Stress Markers -- Perceived Stress and Objective Stress -- References -- 7: The Language Games of Stress -- References -- 8: The Unhealthy Relationship Between Stress and Poverty -- From the Language Games of Stress to the Experience of Poverty -- Bringing Poverty into the Stress Research Picture -- Poverty Causes Stress -- Research into Stress and Low Socioeconomic Status: General Notes -- Pregnancy, Early Childhood, Stress, and the Impact on the Child -- Parenting and Family Life under Conditions of Poverty and Poverty-Related Stress -- The Experience of Poverty-Related Stress and Its Impact on Childhood -- Concluding Remarks: Bringing Poverty More into the Picture -- References -- 9: The Stressful Experience of Poverty -- "Speaking the 'Truth' of Poverty" -- "I'm One of the Discarded": The Story of Carolina Maria de Jesus -- "Having No Margin for Error": The Story of Darren McGarvey -- References -- 10: Social and Moral Aspects of Stress -- On the Sociology of Stress -- A Moral Grammar of Events -- References -- 11: The Politics of Stress -- Order and Integrity -- Distribution of Stress -- References -- 12: Responding to Stress and the Value of Resilience -- The Concept of Resilience -- Resilience Research -- Strengthening Resilience -- Concluding Remarks -- References.

13: Epilogue: The Pandemic as a Big Reveal: Coronavirus, Stress, and Poverty -- References -- Glossary.

Sommario/riassunto

(1) Introducing the topic (MB, EK, CS)(2) The beginnings of stress research: Hans Selye (MB)(3) Oxidative Stress (MB)(4) Endocrinological and neurological stress research (MB)(5) Psychological stress research with a focus on poverty (EK, CS)(6) The experience of poverty in its multidimensionality (EK, CS)(7) Biographical evidence of people experiencing poverty (EK, CS)(8) A biological commentary on "poverty and stress" (MB)(9) Normative questions: Who causes stress, who benefits, who suffers? (EK, CS)(10) Responses and coping strategies (MB, EK, CS)
