

THE SURVIVAL FACTOR IN CANCER AND VIRAL INFECTIONS

AN INTRODUCTION
TO CARBONYL AND FREE RADICAL
THERAPY

BY

WILLIAM FREDERICK KOCH, Ph.D., M.D.

Detroit, Michigan, U.S.A.

Rio de Janeiro, Brazil

Instructor, Histology and Embryology, University of Michigan, 1910-1914

Professor, Physiology, Detroit College of Medicine (Wayne State University), 1914-1919

Pathologist, Women's Hospital, Detroit, Active and Honorary, 1915-1919

NATURAL IMMUNITY SERIES

Copyright, 1955, by William F. Koch

Copyright, 1958, by William F. Koch

Printed By
THE MANNEY COMPANY
1041 Isbell Road Fort Worth 14, Texas

TABLE OF CONTENTS

Author's Foreword	7
Chapter I—Survival Factor Properties	11
Chapter II—The Scientific Basis	33
Chapter III—The Pathogenic Mechanism	50
Chapter IV—The Reagents	81
Chapter V—The Recovery Mechanism	99
Chapter VI—Anaplasia, Hyperplasia, Neoplasia, Dysfunction	103
Chapter VII—Anterior Poliomyelitis	170
Chapter VIII—Tuberculosis	185
Chapter IX—Pus Infections	213
Chapter X—Sequelae to Infection	223
Chapter XI—Observations in Animal Diseases	239
Chapter XII—Incomplete Combustion Burns	264
Chapter XIII—Case Management	266
Chapter XIV—Further Applications of the Foregoing Principles	277
Chapter XV—The Sociological Situation	316
Chapter XVI—Summary and Conclusion	332
Appendix	341

DEDICATION

This book is dedicated to the memories of two leaders in American Science and Industry, Dr. Willard H. Dow, and Dr. William J. Hale. Their humanitarian genius was great enough to build the vast Dow Chemical Company to its present proportions and service, and also take interest in other humanitarian efforts, such as our own, which they investigated fully, evaluated carefully, and then supported effectively in our court battle.