

## **The State of Dermatoglyphics – The Science of Finger and Palm Prints**

Durham, Norris M., Fox, Kathleen H., & Plato, Chris C. , editors

### **Description**

A hereditary polydactyl in a mouse provides an opportunity to study the effects of this malformation on the surrounding morphological structures and, specifically, on the volar pads, i.e., the sites over which the dermatoglyphic patterns develop. In view of the similarities in the morphology and fetal development of human and mouse hands/feet, the present study is relevant to human subjects, particularly to the understanding of the significance of dermatoglyphic variations in individuals with specific medical disorders. International contributors from Canada, Croatia, Cuba, India, Italy, Japan, Mongolia, Portugal, Spain, the United States, and Venezuela expand dermatoglyphic knowledge into areas of gene marker determination and populational analysis.

### **Reviews**

“The current collection of studies . . . demonstrates the diverse ways in which dermatoglyphics can be used to understand a number of problems in human variability. . . . Among the many studies in this volume, the authors demonstrate the continuing strength of dermatoglyphics as a tool for studying genetic inheritance and the historical linkages of populations. Equally significantly, they provide new clues to individual susceptibility to a variety of diseases, health risks and behavioral tendencies, aside from these traditional uses of dermatoglyphics the contributions include diverse studies showing that some rodents are useful as experimental models for the study of medical disorders. . . . the book is a tour de force of recent studies using dermatoglyphic methods.” – Paul T. Baker, Evan Pugh Professor Emeritus of Anthropology, The Pennsylvania State University

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