Record Nr. UNINA9910820093003321 Autore Musalek Martin **Titolo** Development of test batteries for diagnostics of motor laterality manifestation: link between cerebellar dominance and hand performance / / Martin Musalek : reviewed by Pamela Bryden, Jiri Tichy : from original Czech version translated by Radek Blaheta : edited by Alena Jirsova; cover and layout by Jan Serych Pubbl/distr/stampa Prague, [Czech Republic]:,: Karolinum Press,, 2014 ©2014 **ISBN** 80-246-2306-4 Edizione [First English edition.] Descrizione fisica 1 online resource (248 p.) Disciplina 152.335 Soggetti Laterality - Physiological aspects Neuropsychiatry Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references and index. Nota di bibliografia ""Contents""; ""Acknowledgements""; ""Aim of this Book""; ""1. Nota di contenuto Phenomenon Called Laterality""; ""1.1 Laterality as Concept ""; ""1.1.1 Asymmetry in Universe""; ""1.1.2 Asymmetry and Chirality in Life System""; ""1.2 Laterality as Characteristic of Human""; ""2. Human Brain""; ""2.1 Structural Hemispheric Asymmetry""; ""2.1.1 Structural Hemispheric Asymmetry in Relation to Gender"": ""2.2 Brain Organization and Motor Control""; ""3. Genetic Models of Right- and Left-Sidedness"": ""3.1 Different Gene Expression in Right and Left Hemisphere as Basis of Neural Hemispheric Asymmetry"" ""3.2 The Annett, Right Shift Theory genetic model of handedness"""" 3.3 Genetic Model of Handedness Chris McManus, D and C alleles""; ""3.4 Other Genetic Models of Handedness""; ""4. Environmental Factors as Possible Cause in Change of Laterality at Human ""; ""4.1 Birth Stress""; ""4.2 Higher Level of Hormone Testosterone in Uterus""; ""5. Types of Laterality""; ""5.1 Functional Motor Laterality Manifestation""; ""5.1.1 Preference ""; ""5.1.2 Performance Expression of Different Skill

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