

Biokinetics And Biodynamics Of Human Differentiation: Principles And Applications - , R.f. Phd Gasser

[DOWNLOAD HERE](#)

Fifty years ago the field of human embryology was incomplete; prior to that time the anatomy of early human embryos was still unknown, and there was much to be learned about the older stages of human embryonic development. It is now understood that human organs result from step-by-step differentiations of the growing human embryo. Research by renowned embryologist Erich Blechschmidt, MD, showed that differentiations are not only the result of a gene effect, but are also brought about through growth initiated by extragenetic (occurring outside the gene) information. Without this extragenetic information the differentiation would not begin. Dr. Blechschmidt and coauthor Raymond Gasser, PhD, maintain that Haeckel's biogenetic law (ontogeny recapitulates phylogeny) was an erroneous attempt to explain developmental processes. Blechschmidt's human embryological investigations showed that Darwin's principles (mutation and selection) are likely valid for the origin of the species, but that they cannot explain the ontogenesis of the organs. The ontogenesis of each individual cannot be derived from phylogenetic facts. The authors stress that a clear distinction must be made between the vast field of phylogenetics and the much more exact and understandable field of ontogenetics particularly the process of differentiation and their goal is to present not only the abstract biokinetic principles of differentiation, but the originality of embryonic human beings as well. Their knowledge of developmental movements leads to their conclusion that differentiation is an undivided biodynamic process that occurs during development and includes the chemical processes as well. Logically organized into two sections (the first covers early metabolic fields and includes chapters on the one-cell human ovum, the early embryo, blood vessels, the nervous system, head region, trunk, and limbs; the second describes metabolic fields in later developmental stages, distinguishing fields of corrosion, densation, contusion, distusion, retention, dilation, liquation, and detracton), Biokinetics and Biodynamics of Human Differentiation warrants reading by thoughtful professionals in a number of fields concerned with embryonic differentiation. A new preface by Dr. Gasser addresses how the book's principles and findings were and are understood in the field of human embryology. Author: Blechschmidt, E. Md Author: Gasser, R.F. Phd Publisher: North Atlantic

Books Illustration: N Language: ENG Title: Biokinetics and Biodynamics of Human Differentiation: Principles and Applications Pages: 00302 (Encrypted EPUB) On Sale: 2012-05-15 SKU-13/ISBN: 9781583944523 Category: Medical : Embryology Category: Science : Life Sciences - Human Anatomy & Physiology

[DOWNLOAD HERE](#)

Similar manuals:

[Valerian Valeriana Officinalis Medical Plant Germany](#)

[Valerian Valeriana Officinalis Medical Plant Germany](#)

[Valerian Valeriana Officinalis Medical Plant Germany](#)

[Bad Conscience](#)

[White Nights, GUS Russia St Petersburg 300 Years Old Venice Of The North River Newa University Quay Academy Of Arts And Academy Of Sciences Riverboat For Sightseeing](#)

[White Nights, GUS Russia St Petersburg 300 Years Old Venice Of The North River Newa Dvortsovy Bridge Railing Academy Of Arts Academy Of Sciences](#)

[Symbolic For Medical Law](#)

[Symbolic For Medical Costs](#)

[Symbolic For Medical Costs](#)

[Symbolic For Medical Diagnosis](#)

[Museum Of Technics And Natural Science, Bavaria, Munich, Germany](#)

[Medical Instruments For ENT](#)

[Valve And Pressure Gauge Of A Medical Oxygen Bottle](#)

[Doctors Hand, Medical Glove](#)

[Paramedic, Pills And Money: Symbol For Rising Medical Costs](#)

[Nurses Carrying Stretcher With One-Euro Coin: Symbol For Rising Medical Costs](#)

[Nurses Carrying Stretcher With One-Euro Coin: Symbol For Rising Medical Costs](#)

[Euro Coin And Pill Bottle: Symbol For Rising Medical Costs](#)

[Paramedics Carrying Stretcher With Money In Background: Symbol For Rising Medical Costs](#)

[Paramedics Carrying Stretcher With Money In Background: Symbol For Medical Costs](#)

[Nurses Cap, Stethoscope And Money: Medical Fees](#)

[Medical Examination, Lung Tapping Percussion Examination Of A Young Womans Back](#)

[Medical Examination, Lung Tapping Percussion Examination Of A Young Womans Back](#)

[Medical Examination, Lung Auscultation Using A Stethoscope On A Young Womans Back](#)

[Medical Examination, Lung Auscultation Using A Stethoscope On A Young Womans Back](#)

[Medical Examination, Doctor Auscultating A Young Womans Heartbeat](#)

[Young Woman Wearing Medical Scrubs Holding A Clipboard Pointing With Her Finger](#)

[Young Woman Wearing Medical Scrubs Rolling Up A White Bandage](#)

[Young Woman Wearing Medical Scrubs With Medicaments In Her Hand Wiping Her Brow, Tired](#)

[Young Woman Wearing Medical Scrubs Holding Medicaments And Medical Equipment](#)

[Young Woman Wearing Medical Scrubs Crossing Her Arms](#)

[Biomedical Research Park, Parc De Recerca Biomdica De Barcelona, PRBB, Port Olimpic, Barcelona, Catalonia, Spain, Europe](#)

[Smiling Man Wearing Medical Scrubs, With A Stethoscope, Looking At The Computer](#)

[Smiling Man Wearing Medical Scrubs, With A Stethoscope, Looking At The Computer](#)

[Smiling Man Wearing Medical Scrubs, With A Stethoscope, Holding A File](#)

[Smiling Man Wearing Medical Scrubs, With A Stethoscope, Holding A File](#)

[Man Wearing Medical Scrubs, Hand Held Out To The Front, Looking Questioningly](#)

[Smiling Man Wearing Medical Scrubs, With A Stethoscope, Thumbs-up](#)

[Woman Explaining Her Medical Condition To A Doctor](#)

[Woman Explaining Her Medical Condition To A Doctor](#)

[Wild Wolf's Bane \(Arnica Montana\), Medical Plant, On The Markstein, Vosges Mountain Range, France](#)

[Wild Wolf's Bane \(Arnica Montana\), Medical Plant, On The Markstein, Vosges Mountain Range, France](#)

[Ginkgo Leaf With Medical Capsules](#)

[Ginkgo Leaf With Medical Capsules](#)

[Ginkgo Leaf With Medical Capsules](#)

[Yellow Flowers Of The Medical Plant Coltsfoot \(Tussilago Farfara\)](#)

[Flowering Midland Hawthorn, Woodland Hawthorn, Mayflower \(Crataegus Laevigata\), Medical Plant](#)

[Thumbs Up, Latex Gloves, Medical](#)

[Pedicure, Medical Foot Care](#)

[Foot Massage, Medical Foot Care](#)