



The Trophoblast and the Origins of Cancer: One Solution to the Medical Enigma of Our Time

By Nicholas Gonzalez, MD, and Linda Isaacs, MD

An Intriguing Approach to Cancer and How to Treat It

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Where does cancer come from? What's going on in our bodies when we get cancer? This intriguing, seriously researched book offers a plausible – but unorthodox – explanation for at least the 90% of cancers. These are the tumors that initiate in the epithelium, the lining of our organs and glands. Researchers have long puzzled over why healthy somatic cells should, or could, become malignant. Drs. Gonzalez and Isaacs propose that it is stem cells that go awry, stem cells that in being plenipotentiary, or “invested with full power,” can become anything. Why does this occur? Because in that respect they resemble the trophoblast, the specialized cells that develop soon after conception, the very same trophoblast which must attach to and “invade” the wall of the uterus in order to anchor the future placenta.

The book starts off with where we started off, right at conception. There are beautiful color illustrations of the egg we all once were and the early cell divisions and then the uterine attachment. Although the process is complex, the language is our everyday language, and scientific terms are well explained when they come up. You don't need a science background to read this book.

One of the pivotal facts that this theory hinges on is that the placenta stops growing at just the same time the embryonic pancreas starts producing digestive enzymes. But that is puzzling, as the fetus doesn't need digestive enzymes because the mother is pre-digesting all the food! Nature must be up to something; could it be that these enzymes signal the placenta to stop growing? And if that were the case, would pancreatic enzymes help stop cancerous tumors from growing?

The authors enumerate ways in which the trophoblast and cancer cells behave similarly:

- They are both invasive. (Remember the attachment to the uterine wall.)
- They both proliferate.
- They are not differentiated, i.e., they are pluripotent and can become anything. Although cancer cells resemble the cells in the location where they begin proliferating, i.e. the breast or colon, researchers say this looks like mimicry.
- They can migrate. Another aspect of trophoblasts is that some of them quit the site of the placenta and migrate back to the embryo, where they become either stem cells or else the gender-deciding cells, i.e., Male or Female.
- They are angiogenic and can produce capillaries to increase their own blood supply.
- They both have complicated ways of co-opting the immune response that might otherwise destroy them.

Because of the coincidence – which happens at eight weeks in humans – when the placenta stops growing and the embryo’s pancreas starts producing digestive enzymes, these oncologists offer their patients a treatment that includes pancreatic enzymes, particularly those that digest protein.

How this coincidence and the subsequent comparison between the trophoblast and cancer calls came to light is an interesting story. Dr. Gonzalez’s mentor, the head of Sloan-Kettering Hospital in New York, sent him in the early 1980’s to look into the work of a dentist called Kelley. Kelley, it turned out, had been reading the research of an eminent British scientist who earlier in the 20th century had discovered the coincidence in all mammals he looked at and had, as a result, started to develop treatments using pancreatic enzymes. This book is dedicated to his memory: John Beard, 1858-1924.

Pancreatic enzymes are not part of a mainstream treatment for cancer even though they have helped quite a few patients, as attested to by the compelling case studies at the end of this book. Whether this treatment could help anyone you know or not, the careful analysis of the origins of cancer tumors will make for instructive and fascinating reading.

Our bodies and how they work are endlessly remarkable and deserving of the kind of attention Dr. Gonzalez and Dr. Isaacs offer in *The Trophoblast and the Origins of Cancer*.

Rosalind Michahelles is a Certified Holistic Health Counselor in Cambridge. For questions about this essay or related issues please call 617-491-3239 or visit her website: www.nutrition-matters.info

The Trophoblast and the Origins of Cancer: One Solution to the Medical Enigma of our Time By Nicholas J. Gonzalez, MD and Linda L. Isaacs, MD New Spring Press. At long last we have a book by Dr. Nicholas Gonzalez, outlining his theory of cancer and corresponding treatment. The trophoblast is a rapidly dividing cellular mass that grows outside the egg sack; it eventually develops into a large part of the placenta. Trophoblasts are invasive, eroding and metastasizing cells that burrow into the endometrium in order to implant the embryo. Their capacity to escape effectors of the immune system, in particular during the first trimester of pregnancy, have led to the definition of the trophoblast as a "pseudo-malignant" type of tissue. The Trophoblast and the Origins of Cancer: One solution to the medical enigma of our times. ISBN: 978-0-9821965-0-2. Available through Amazon (affiliate link). The Gonzalez Best Case Series Presentation to the NCI: 25 Cases, 25 Years Later. *Alternative Therapies in Health and Medicine*, 25(4):12-14, 2019. PMID 31202205. This is a slightly modified version of the Foreword Dr. Isaacs wrote for the publication of the monograph Dr. Gonzalez prepared for his presentation at the National Cancer Institute. Click here for the full text of the article; click here to purchase the monograph (affiliate link). Tributes to Nicholas J. Gonzalez, M.D. The Trophoblast and the Origins of Cancer. One Solution to the Medical Enigma of our Time. Jan 2009. N J Gonzalez. L L Isaacs. Gonzalez NJ, Isaacs LL (2009) The Trophoblast and the Origins of Cancer. The author reviewed the literature on the trophoblast model of cancer and the use of pancreatic enzymes for the treatment of cancer and organized its key tenets into a set of specified scientific hypotheses. The trophoblast model of cancer can be stated as a set of 11 core predictions and 3 adjunctive or nonessential components. The trophoblast model of cancer is a detailed, testable model that should be investigated within an overlapping set of fields including oncology, histology, physiology, molecular biology, and embryology. View. Show abstract.

Start by marking "The Trophoblast and the Origins of Cancer: One Solution to the Medical Enigma of Our Time" as Want to Read: Want to Read savingâ€¦| Want to Read.Â Beard then proposed that since pancreatic enzymes regulate trophoblast growth, they must represent our main defense against cancer. Subsequently, in animal experiments and in clinical use with human cancer patients, Beard demonstrated pancreatic enzymes could attack and destroy cancerous tumors. In this book, you will read of Dr. Beard's discoveries, and how modern science confirms much of what he long ago proposed.Â Start your review of The Trophoblast and the Origins of Cancer: One Solution to the Medical Enigma of Our Time. Gonzalez and Isaacs first published The Trophoblast and the Origins of Cancer. New Spring Press is proud to have updated their groundbreaking book. The 2nd Edition includes an afterword by Dr. Isaacs and a journal article by Dr. Colin Ross about the Trophoblast Model of Cancer.Â The 2nd Edition of Trophoblast and the Origins of Cancer - one solution to the medical enigma of our time " is available now on Amazon in hardcover. For more information about The Gonzalez ProtocolÂ® visit www.thegonzalezprotocol.com. See more. The Trophoblast and the Origins of Cancer: One solution to the medical enigma of our times. ISBN: 978-0-9821965-0-2. Available through Amazon (affiliate link).Â The Gonzalez Best Case Series Presentation to the NCI: 25 Cases, 25 Years Later. *Alternative Therapies in Health and Medicine*, 25(4):12-14, 2019. PMID 31202205. This is a slightly modified version of the Foreword Dr. Isaacs wrote for the publication of the monograph Dr. Gonzalez prepared for his presentation at the National Cancer Institute. [Click here for the full text of the article](#); [click here to purchase the monograph \(affiliate link\)](#). Tributes to Nicholas J. Gonzalez, M.D. The Trophoblast and the Origins of Cancer: One solution to the medical enigma of our time Paperback " January 1, 2009. by. Nicholas J. Gonzalez MD (Author).Â This book proves that the theory behind the trophoblastic origin of cancer is testable and highly plausible. It has been validated by the recent scientific evidence. If only it was analyzed with no bias the truth would just shine, but the design of the western educational system, that ultimately trains and molds physicians thinking and thought process, closes the door to open mindedness and opens large wide windows for only pharmacological solutions to peopleâ€™s major ailments.Â There are other answers for Cancer besides the failed protocol of chemo and radiation. Read more. 5 people found this helpful. The Trophoblast and the Origins of Cancer: One Solution to the Medical Enigma of our Times, NEW 2nd Edition. By Nicholas J. Gonzalez, MD and Linda L. Isaacs, MD. Available through Amazon.Â The authors show how Dr. Beard most likely discovered stem cells, and very well may have uncovered the root origins of cancer " and its effective treatment with proteolytic enzymes. The book includes extensive case histories of cancer patients successfully treated with the Gonzalez nutritional-enzyme regimen. The 2nd Edition, published in 2019, includes an Afterword by Dr. Isaacs and scientific journal articles on The Trophoblast Model of Cancer by Dr. Colin Ross. The Table of Contents, an excerpt from the Introduction, and Reviews are available on the New Spring Press site.

The Trophoblast and the Origins of Cancer: One solution to the medical enigma of our time Paperback " January 1, 2009. by. Nicholas J. Gonzalez MD (Author). Instead, our system considers things like how recent a review is and if the reviewer bought the item on Amazon. It also analyzes reviews to verify trustworthiness. Top reviews Most recent. This book proves that the theory behind the trophoblastic origin of cancer is testable and highly plausible. It has been validated by the recent scientific evidence. Rubrics: Cancer Etiology Treatment Trophoblast. Click here to see similar releases: Jerusalem : qu'as-tu crit sur mon front Ren Both. by Ren Both. The Trophoblast and the Origins of Cancer: One solution to the medical enigma of our time by Linda L. Isaacs MD, Nicholas J. Gonzalez MD and a great selection of related books, art and collectibles available now at AbeBooks.com. The Trophoblast and the Origins of Cancer : One solution to the medical enigma of our Time. Nicholas J. Gonzalez; Linda L. Isaacs. Published by New Spring Press, LLC. 'A groundbreaking analysis revealing how more than 100 years ago, the English scientist Dr. John Beard uncovered not only the likely origins of cancer but also its solution - pancreatic enzymes.' Tight and clean. NO marks, stamps or inscriptions. One solution to the medical enigma of our time. Nicholas J. Gonzalez, MD and Linda L. Isaacs, MD. A rediscovered theory and revolutionary treatment. Learn how modern science confirms much of Dr. Beard's thesis about the origins of cancer. This book is intended for general informational purposes, not as a medical manual or a how-to book for self-treatment. Please consult with your physician before starting or modifying any treatment program. Read part of the Introduction, the Table of Contents, Reviews, About the Authors, and an excerpt reprinted as an article, The Evolution of Enzyme Treatment (315 KB). From the Back Cover: Suzanne Somers, author of Knockout Our findings raise the possibility that GAPDH has multiple functions in trophoblast cells and the developing placenta, while also cautioning against its use as an endogenous reference or standard for gene expression in the placenta. View. Show abstract. The Trophoblast and the Origins of Cancer. One Solution to the Medical Enigma of Our Time. Jan 2009. Gonzalez. Isaacs. Gonzalez NJ and Isaacs LL: The Trophoblast and the Origins of Cancer. One Solution to the Medical Enigma of Our Time. New York, NY: New Spring Press, 2009. Questions and answers about the Gonzalez regimen.

For the same 1 glucose molecule, you can get 18 times more energy using oxygen in the mitochondrion compared to anaerobic glycolysis. Normal tissues only use this less efficient pathway in the absence of oxygen – eg. muscles during sprinting. This creates lactic acid which causes the “muscle burn”™. However, cancer is different. Even in the presence of oxygen (hence aerobic as opposed to anaerobic), it uses a less efficient method of energy generation (glycolysis, not phosphorylation). This is found in virtually all tumors, but why? – His book - *The Trophoblast and the Origins of Cancer: One Solution to the Medical Enigma of Our Time* Book by Linda L. Isaacs and Nicholas Gonzalez. Leave a reply Cancel reply. Reply to comment #0 by. Start by marking “The Trophoblast and the Origins of Cancer: One Solution to the Medical Enigma of Our Time” as Want to Read: Want to Read savingâ€¦| Want to Read. – Beard then proposed that since pancreatic enzymes regulate trophoblast growth, they must represent our main defense against cancer. Subsequently, in animal experiments and in clinical use with human cancer patients, Beard demonstrated pancreatic enzymes could attack and destroy cancerous tumors. In this book, you will read of Dr. Beard's discoveries, and how modern science confirms much of what he long ago proposed. – Start your review of *The Trophoblast and the Origins of Cancer: One Solution to the Medical Enigma of Our Time*. Trophoblast-derived tumor necrosis factor alpha induces release of human chorionic gonadotropin using interleukin 6 and IL-6-receptor dependent system in the normal human trophoblasts. *J Clin Endocrinol Metab* 1992; 74: 184–91. 103Loke, YW, King, A, Gardner, L, Carter, NP. Evidence for the expression of granulocyte-macrophage colony stimulating factor receptors by human first trimester extravillous trophoblast and its response to this cytokine. *J Reprod Immunol* 1992; 22: 33–45. 104Burrows, TD, King, A, Loke, YW. – Aggregation of dispersed human cytotrophoblastic cells: lessons relevant to the morphogenesis of the placenta. *Dev Biol* 1990; 137: 100–108. 117Douglas, GC, King, BF. Our findings raise the possibility that GAPDH has multiple functions in trophoblast cells and the developing placenta, while also cautioning against its use as an endogenous reference or standard for gene expression in the placenta. View. Show abstract. – *The Trophoblast and the Origins of Cancer. One Solution to the Medical Enigma of Our Time*. Jan 2009. Gonzalez. Isaacs. Gonzalez NJ and Isaacs LL: *The Trophoblast and the Origins of Cancer. One Solution to the Medical Enigma of Our Time*. New York, NY: New Spring Press, 2009. Questions and answers about the Gonzalez regimen. *The Trophoblast and the Origins of Cancer: One solution to the medical enigma of our time*. Nicholas J. Gonzalez MD. Book. ISBN: 978-0982196502. This groundbreaking analysis reveals how more than 100 years ago, the English scientist Dr. John Beard uncovered not only the likely origins of cancer but also its solution. – The book provides a special chapter devoted to the controversial reliance upon and promotion of mammography, including suggestions for safer and effective alternatives. A bonus in this book are the truly healthful and delicious recipes and menus created in collaboration with French chef Jean-Marc Fullsack, the culinary genius behind famed cardiologist-author, Dean Ornish.

The Trophoblast and the Origins of Cancer: One solution to the medical enigma of our time Paperback " January 1, 2009. by. Nicholas J. Gonzalez MD (Author). Instead, our system considers things like how recent a review is and if the reviewer bought the item on Amazon. It also analyzes reviews to verify trustworthiness. Top reviews Most recent. This book proves that the theory behind the trophoblastic origin of cancer is testable and highly plausible. It has been validated by the recent scientific evidence. One solution to the medical enigma of our time. Nicholas J. Gonzalez, MD and Linda L. Isaacs, MD. A rediscovered theory and revolutionary treatment. Learn how modern science confirms much of Dr. Beard's thesis about the origins of cancer. This book is intended for general informational purposes, not as a medical manual or a how-to book for self-treatment. Please consult with your physician before starting or modifying any treatment program. Read part of the Introduction, the Table of Contents, Reviews, About the Authors, and an excerpt reprinted as an article, The Evolution of Enzyme Treatment (315 KB). From the Back Cover: Suzanne Somers, author of Knockout The Trophoblast and the Origins of Cancer: One Solution to the Medical Enigma of our Time By Nicholas J. Gonzalez, MD and Linda L. Issacs, MD New Spring Press. At long last we have a book by Dr. Nicholas Gonzalez, outlining his theory of cancer and corresponding treatment. The trophoblast is a rapidly dividing cellular mass that grows outside the egg sack; it eventually develops into a large part of the placenta. Trophoblasts are invasive, eroding and metastasizing cells that burrow into the endometrium in order to implant the embryo. The current theory of cancer presumes that the normal differentiated cells of the various organs somehow reverse themselves into an undifferentiated state and then begin growing wildly.