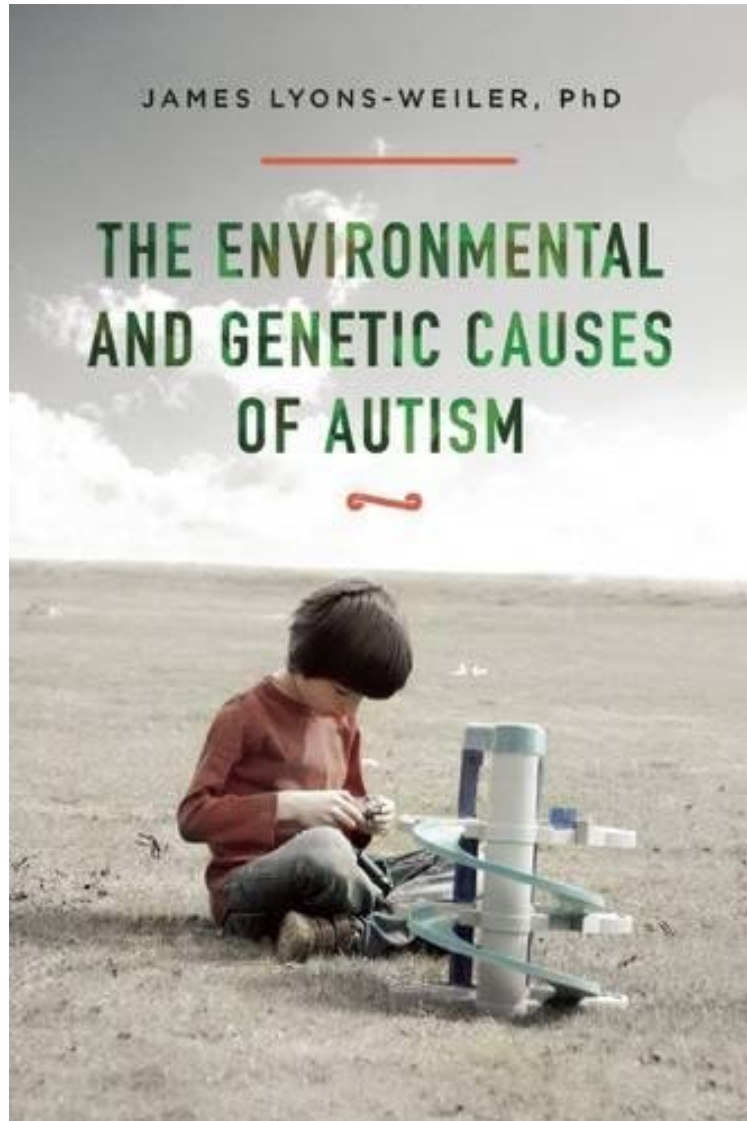


(Read now) The Environmental and Genetic Causes of Autism

The Environmental and Genetic Causes of Autism

James Lyons-Weiler

*DOC | *audiobook | ebooks | Download PDF | ePub*



 Download

 Read Online

#684909 in Books Lyons Weiler James 2016-11-29Original language:EnglishPDF # 1 9.10 x 1.30 x 6.10l, .0
#File Name: 1510710868320 pagesThe Environmental and Genetic Causes of Autism | File size: 46.Mb

James Lyons-Weiler : The Environmental and Genetic Causes of Autism before purchasing it in order to gage whether or not it would be worth my time, and all praised The Environmental and Genetic Causes of Autism:

53 of 55 people found the following review helpful. Wow, the most important book in pediatrics right now and for the foreseeable futureBy macfawltThis November 2016 release is a complete paradigm shift the likes of which I've never seen. After 4 years of research on autism, genetics, immunity and disease, attempting to understand and treat my son's autism, this one book brings it all together. All of the factors contributing to this epidemic are represented here. Documented, assimilated, translated and notated by a brilliant-minded scientist. James Lyons-Weiler's background in

Molecular Biology, Molecular Evolution, Plant Biology, Biogeography, and Paleontology, and Population Ecology, Classical and Molecular Cytogenetics, Conservation Biology, Population Genetics, and Experimental Design has apparently uniquely qualified him to write this definitive work. It does NOT provide the easy answers, but all the right questions, implication and indictment. On a little reading binge, this is my 14th book in the last 2 months relating to autism, infectious disease, immunology... the history and politics. But, this ONE book reveals a depth of study that makes most others look like they're in the sandbox eating bugs. The devil is truly in the details. Even the most exceptional scientific minds will be challenged to assimilate the depth and breadth of this examination in translational research. James Lyons-Weiler has written THE MOST IMPORTANT BOOK IN PEDIATRICS right now and for the foreseeable future. I am only half way in as I read and re-read sections trying to wrap my head around his interpretation of over 3,000 peer reviewed studies. A warning to those without a high capacity for complex scientific analysis, it may not be the first book you should read in understanding the complexity of the 'debate' on autism. I would suggest 'Age of Autism' by Dan Olmsted and 'Dissolving Illusions' by Dr. Suzanne Humphries. I'd seen VAXXED and knew very well the story of Dr. Andy Wakefield's crucifixion by the medical community and media. So much vitriol over a little study suggesting a possible link between a vaccine and immune system dysregulation. Where are we as a society, as a scientific community, if we attack a person who publishes a study recommending more research on the issue (as nearly EVERY scientific paper does). Frankly, I thought the movie VAXXED barely scraped the iceberg on the possible link between vaccines and autism. You'd be better served by first watching the hundreds of testimonials being captured and posted on YouTube as part of the VAXXED bus tour. This is perhaps THE MOST IMPORTANT story in medicine right now. The public needs to know whether vaccines are safe for each and every individual. A vaccine schedule that has accelerated from 12 to 72 vaccines in the last 30 years without any collective research as to the possible effects of not just Mercury and aluminum, not just the additives like polysorbate 80 and mono sodium glutamate, but the viral strains themselves. Presuming viruses as static entities, unable to mutate into more dangerous and virulent strains denies all we know and have learned about infectious disease in the last 300 years. Finally, Dr. Paul Offit, an apostle of the darkest nature, who has done more damage to scientific discovery and public health than any medical professional in history, who states that you can safely have 10,000 vaccines on the same day (revised from his original 'scientific' estimate of 100,000), I say 'TRY IT YOURSELF'!

26 of 28 people found the following review helpful. If you believe that autism is a mysterious condition with ...By Stephanie SeneflIf you believe that autism is a mysterious condition with no known cause, or that autism is strictly a genetic disease, or that it has been proven conclusively that vaccines don't cause autism, then you need to read this book! Dr. Lyons-Weiler, an evolutionary geneticist with a strong background in molecular medicine, proteomics and systems biology, is the ideal person to answer the question: what causes autism? In this book, you will learn not only of the myriad genetic variants linked to autism, but also, more importantly, of the various environmental factors that play at least as important a role as genetics. Some examples -- the inhaler terbutaline used to treat asthma, valproic acid used to treat seizures, acetaminophen to curb fever, especially following vaccination, and glyphosate, the active ingredient in the pervasive herbicide, Roundup. Lyons-Weiler also discusses the evidence supporting a link between vaccines and autism, particularly the controversial MMR vaccine. He emphasizes the connection between gut dysbiosis and autism, and proposes that peptides entering the brain cause autoimmune responses that result in inflammation leading to brain injury. This book is very accessible to the general audience while at the same time being comprehensive and well documented, with a long list of references to the research literature to back up his claims and inform the scholar who wants to probe more deeply into the topic. This book is arguably the most comprehensive resource available today to answer the mystery of autism.

0 of 2 people found the following review helpful. Lots of Information; Hyperfocused on VaccinesBy N. NaylorThis was a very extensive look at the past and present research on autism. I thought the emphasis on vaccines was excessive. There were some points in the book where I felt like saying "I got it. Vaccines have a lot of toxic ingredients. Now can we please cover some other environmental influences even half as much as you are covering vaccines!" I also found it a little weak on how this information can be used to help with treatments. There was more information on prevention.

The Environmental and Genetic Causes of Autism delves deep into the full body of past and current research to reveal how genetic predispositions and environmental factors can combine to produce the conditions autism and autism spectrum disorders (ASD). To make this groundbreaking volume, Dr. James Lyons-Weiler combed through the past fifty years of published research on autism, exploring subjects such as genetic variation, mechanisms of neurotoxicity of metals and pesticides, and the central and combined roles of each in causing autism. Lyons-Weiler provides a major overview of all aspects of the condition of autism, reviews changes in diagnoses and treatments, and explains how genetic information can be used to tailor effective treatments, and sometimes reversals, of the symptoms. He also presents practical forward-looking suggestions on how to design future studies to facilitate the discovery of biomarkers for autism risk and how to classify the full range of autism spectrum disorders. Autism is considered one of the most mystifying conditions of our day, and alarmed scientists, doctors, politicians, and parents are desperately trying to understand why the condition is escalating. According to the CDC, rates in the United States have risen from

an estimated one in two thousand children in 1980, to one in sixty-eight in 2012, and a new National Health Interview Survey shows a rate of one in forty-five. By the time you read this book, that number may have changed yet again. While most autism researchers focus on either environmental or genetic causes of autism, Lyons-Weiler's opus demonstrates that to fully understand the condition and to finally put its rate on the decrease, it is essential to pay attention to the science showing how the two classes of factors interact.

"With over one million new cases per year, a current incidence of one in 45-68 children, and a projected incidence of one in two children within two decades, this is more than an epidemic - it is a national crisis. At this rate, our entire nation will be crippled, as eventually all of us will either be autistic or caring for one. While nearly all efforts and public pronouncements are about management and care, very few are exploring cause. The most we hear from the medical community, perhaps with a sad shrug of the shoulders, is that autism is a genetic disorder, blamed on parents and ancestors, a tragic but inevitable outcome at the genetic roulette table. They vigorously cross vaccines off the list of possible causes, and state that science has settled that question for all time (as if that were possible in science). Dr Lyons-Weiler, an impeccably-credentialed biologist, with this important book, has authoritatively dispelled this myth, and clearly explains the manifestations and environmental causes of this terrible spectrum of disorders. In so doing, he provides much-needed hope for its prevention and cure. With scientific rigor that will satisfy the strictest researcher, and accessible language that welcomes the untrained, Dr Lyons-Weiler makes a compelling case for action, steps that will change our future and avert catastrophe. If you are a parent, health professional or scientist, and care about our collective future, this is an essential book to read and take action on." Michael Gaeta DAC, MS, CDN, clinician and educator