

## Specious Science: How Genetics and Evolution Reveal Why Medical Research on Animals Harms Humans

### Citation Style

Any Author-Cited Pages Author-Short Title Author-Title Author-Year  
Author-Year-Cited Pages Bibliography Number-Cited Pages Footnote  
Journal-URL-Place\_Published Non-superscripted Number None Superscripted Number  
Title

### Publisher

Any AAAHQ AACC International, Inc. AACR AANS Organization AAPG AAPS ABNT  
Academia Brasileria de Ciencias Academic Journals Academic Press Academy of  
International Business Academy of Managed Care Pharmacy Academy of Management  
Academy of Medicine, Singapore Academy of Orthopedic Surgeons Accoustical  
Society of America ACE-ECO Acibadem MAA University ACM Adnan Menderes University  
Faculty of Medicine AE Press Aerospace Medical Association African Science  
Publications AGIMO Agricultural Institute of Canada AGU/AMS/AAG AIAA AIP Style  
Guide Air & Waste Management Association Air University Press Akonder Ala,  
Schweizerische Geselleschaft fur Vogelkunde Allen Press Allen Press for the Weed  
Science Society of America Allen Publishing AlphaMed Press AMA AMA Manual of  
Style 9th ed. American Academy of Audiology American Academy of Health Behavior  
American Academy of Nurse Practitioners American Academy of Otolaryngology -  
Head and Neck Surgery Foundation American Academy of Pediatrics American Academy  
of Periodontology American Alcohol and Drug Information Foundation American  
Animal Hospital Association American Anthropological Association American  
Anthropological Society American Antrhopological Society American Antropological  
Society American Assn for Lab Animal Science American Associates of Physiatrists  
American Association for Agronomy American Association for Respiratory Care  
American Association for the Advancement of Science American Association for  
Thoracic Surgery American Association of Avian Pathologists American Association  
of Clinical Endocrinologists American Association of Colleges of Pharmacology  
American Association of Diabetes Educators American Association of Endodontics  
American Association of Geographers American Association of Health-System  
Pharmacists American Association of Immunologists American Association of  
Physics Teachers American Association of Sleep Medicine American Cancer Society  
American Chemical Society American Chemical Society (ACS) American College of  
Cardiology American College of Chest Physicians American College of Clinical  
Pharmacy American College of Nurse-Midwives American College of Physicians  
American College of Veterinary Internal Medicine American Concrete Institute  
American Dairy Science Association American Dental Association American Dental  
Hygienists' Association American Diabetes Association American Dietetic  
Association American Economic Association American Ethnologist Society American  
Fisheries Society American Geophysical Union American Heart Association American  
Institute of Biological Sciences American Institute of Physics American Journal  
of Forensic Medicine American Language Association American Marketing  
Association American Medical Association American Meteorological Society  
American Osteopathic Association American Pharmacists Association American  
Physical Society American Physical Therapy Association American Physiological  
Society American Phytopathological Society American Political Science  
Association American Psychiatric Association American Psychiatric Publishing

**P**

American Psychological Association American Psychological Association (APA)  
American Public Health Association American Roentgen Ray Society American  
Scientific Publishers American Scientific Publishing American Shore and Beach  
Preservation Association American Society for Biochemistry and Molecular Biology  
American Society for Cell Biology American Society for Clinical Investigation  
American Society for Clinical Pathology American Society for Enology and  
Viticulture American Society for Horticultural Science American Society for  
Investigative Pathology American Society for Microbiology American Society for  
Neurological Surgeons American Society for Nutrition American Society for  
Parenteral and Enteral Nutrition American Society for Pharmacology and  
Experimental Therapeutics American Society of Andrology American Society of  
Animal Science American Society of Civil Engineers American Society of Civil  
Engineers (ASCE) American Society of Clinical Oncology American Society of  
Clinical Pathology Journals American Society of Engineering Educators American  
Society of Hematology American Society of Ichthyologists and Herpetologists  
American Society of International Law American Society of Limnology and  
Oceanography American Society of Mammologists American Society of Mechanical  
Engineers American Society of Nephrology American Society of Neuroradiology  
American Society of Plant Biologists American Society of Plant Physiologists  
American Society of Reproductive Medicine American Society of Science and  
Engineering American Sociological Association American Speech Language Hearing  
Association American Speech, Language, Hearing Association American Statistical  
Association American Thoracic Society American Veterinary Medical Association  
American Water Works Association Anglia University Annual Reviews Anthropos  
Institute AO Foundation AOAC International APA APPI Publications Archaeological  
Institute of America Arms Control Association ASABE ASCE Asian  
Neurogastroenterology Association ASM International ASME ASOR Boston University  
ASPRS The Imaging & Geospatial Information Society ASSET Assoc for Research in  
Vision and Ophthalmology Assoc for the Study of African American Life and  
History Association for Artificial Internal Organs Association for Computing  
Machinery (ACM) Association for Computing Machines Association for Food

Protection Association for Information Systems Association for Learning  
Technology (ALT) Association for Politics in the Life Sciences Association for  
Research in Vision and Ophthalmology Association Française pour l'Etude du  
Quaternaire Association of American Medical Colleges Association of Reptilian  
and Amphibian Veterinarians Australian Dental Association Austrian Society of  
Veterinary Medicine AVES BÂ<sup>2</sup> Scientific Group, Ltd., in partnership with the  
Cancer Epigenetics Society Baishideng Baishideng Publishing Group Battelle  
Bayrakol Medical Publishing BAYT Scientific Research Press and Promotion Ltd.  
BAZ Institut für Rebenzuchtung Geilweilerhof. Begell House Beijing Forestry  
University Beilstein Institut Belmont Publications Bench Press Bentham  
Publishers Bentham Science Publishers Bentham Science Publishers Bentham  
Scientific Bentham Scientific Publishing Bently College Biblical Studies on the  
Web bio-protocol Biodiversity Research Center, Academia Sinica BioMed Central  
BioMedCentral BioScientifica BMJ BMJ Publishing Group Boston University-African  
Studies Center Botanical Society of Korea Brazilian Society for Soil Science  
Brazilian Society of Mastology Brazilian Standard Organization ABNT Brill Brill  
Academic Publishers British Ecological Society British Education Research  
Association British Institute of Radiology British Medical Association British  
Medical Journal British Medical Journal Group British Medical Journals British  
Medical Society British Psychological Society Brown University Press Cal State  
University Long Beach Cambridge Cambridge University Press Canadian  
Anesthesiologists' Society Canadian Medical Association Canadian Neurology  
Society Canadian Pulp and Paper Canadian Pulp and Paper Technical Association  
Canadian Science Publishing Canadian Society for Bioengineering Canadian  
Veterinary Medical Association Canadian Veterinary Medicine Association Cancer  
Center, Sun Yat-sen University Carcinogenesis Press Care Comm Case Reports Case  
Reports Ltd. CDC Cell Metabolism Cell Press Cellular Physics and Biochemistry  
Center for Environmental Philosophy Centers for Disease Control (CDC) Centro de  
Ciencias Aplicadas y Desarrollo Tecnológico, Universidad Nacional Autónoma de  
México. Ceramic Processing Research Center, Hanyang University Chendu Shi :  
Zhongguo fei ai za zhi bian ji wei yuan hui Chicago Manual of Style Chicago

Press Chicago University Press Chinese Academy of Sciences Chinese Anti-cancer Association Chinese Institute of Rice Science Chinese Medical Society Chinese Society for Oceanology and Limnology and Institute of Oceanology Chinese Stomatological Assn Chiropractic Biophysics Online City University of New York Clarivate Clarivate Analytics Clay Minerals Society Clincl Orthopedics Clinical Lab Standards Institute Clinical Laboratory Publications CoAction Publishing Cold and Arid Regions Environmental and Engineering Research Institute Cold Spring Harbor Coleopterists Society College Language Association College of American Pathologists College of Arts and Sciences, Mississippi State University College of Communication, UT Austin on behalf of the American Academy of Advertising Company of Biologists Copernicus Publications Copernicus Publishing Council of Scientific Editors CRC Press CSIRO CSIRO Publishing Cureus Current Science Association De Gruyter De Gruyter Mouton Dekker Dennis Barber, Ltd. Departamento de Hidrobiologia de la Universidad de Mexico, Iztapalapa Department of Community Health, Faculty of Medicine, Addis Department of Community Health, Faculty of Medicine, Addis Ababa University Deutsche Gesellschaft für Psychologie Deutscher Ärzte-Verlag GmbH - Köln Developed by Amalia Bjornsdottir and Solveig Jakobsdottir at Iceland University of Education DÄ°MER Discovery Medicine DIW Berlin Dove Press Droit et SociÄ©tÄ© Duke University Press Dustri Dutch Hydrological Society (NHV) E. Schweizerbart science publishers EAGE Eagle Hill Publications East Asian Institute Eaton Ecological Society of America EcoMed Economic History Association Edinburgh University Press Edisciences Edito Canto Verlag Editrice Kurtis EDK EDP Sciences Egypt Exploration Society el Colegio de Postraduaados, Universidad Nacional Autonoma de Mexico Electrochemical Society Electronic Society of Korea Elseiver Elsevier Elsevier & the University of Rochester Press Elsevier Health Elsevier S&T Elsevier-3 Emerald Emerald Insight Emerald Publishing Group Emory University Endocrine Society Entomological Society of America Equine Veterinary Journal eScholarship European Association for Aquatic Mammals European Association of Geochemistry Evolutionary Ecology, Ltd. F1000 Research Ltd Faculdade de Medicina de SÄ©o JosÄ© do Rio Preto (Brazil) Faculty of Pharmacy, University of

Karachi FBCommunication Federation of American Societies for Experimental  
Biology Federation of Turkish Pathology Societies Feminist Studies FEMS Ferrata  
Storti Foundation First Affiliated Hospital, Zhejiang University School of  
Medicine Florida State University of Criminology and Criminalists Foundation of  
Rehabilitation Information Frontier Media, S.A. Frontiers Frontiers in  
Bioscience, Inc. Fukuoka Medical Association Future Science Future Science Group  
Gabler Publishing Gale Cengage Twayne Publishers Galenos Garden History Society  
Gene Therapy Press Generic Genetics Society of America Genter-Verlages  
Geochemical Society of Japan Geological Society of America Geological Society of  
London Geological Society of Norway German Archaeological Institute German  
Psychological Society German Society for Dental and Oral Maxillofacial  
Dentistry German Standards GESIS Global Research Online Group of  
Multidisciplinary Methods Contributing to Archeology (GMPCA) Guilford Press  
Hakan GÃ¼r Hans Huber Hans Huber, Hogrefe - Bern Hanser Harvard Law Review  
Association Hawaii Gangze Inc Heldref Publications Heriot-Watt University  
Heritage Technology Heron Publishing HH of Spain Hiaght Ashbury Publishing  
Higher Education Press HighWire Press Hindawi HIndawi Publishing Hosokawa Powder  
Technology Foundation Human Factors and Ergonomics Society Human Kinetics, Inc.  
Hylonome Publications ICE ICE Publishing ICMJE ICONTEC IEEE IEICE IET IET  
Proceeding IET Proceedings Imbiomed iMiS Company Co., Ltd. Impact Journal  
Publishing Inderscience Inderscience Publishers Indiana University Press Informa  
Informa Health Informa Healthcare Informat INFORMS Inha University Institut fur  
Politische Wissenschaft Institut fÃ¼r TechnikfolgenabschÃ¤tzung und  
Systemanalyse (ITAS) am Karlsruher Institut fÃ¼r Technologie (KIT) Institut  
Pasteur Institute for Chemistry and Cell Biology China Institute for Far Eastern  
Studies Institute for Supply Management Institute for Technology Assessment and  
Systems Analysis (ITAS) at the Karlsruhe Institute of Technology (KIT) Institute  
of Animal Reproduction and Food Research of the Polish Academy of Sciences  
Institute of Early American History and Culture. Institute of Electronics,  
Information and Communication Engineers (IEICE) Institute of Engineering and  
Technology Institute of Korean Studies Institute of Physics Institute of Plant

and Microbial Biology, Academia Sinica, Taipei, Taiwan, Republic of China  
Institute of Technology, Prague Institute Oswaldo Cruz Institution of Civil  
Engineers Institutional Investor Journals Instituto de Biologia, Univeridad de  
Mexico Instituto de Ecologia A.C. Instituto de Geofisica de la Universidad  
Nacional Autonoma de Mexico Instituto de Geociencias, Universidad Nacional  
Atonoma de Mexico Instituto Mexicano de Tecnologia del Agua Instituto  
Sperimentale Per La Cerealicoltura Instituts fur Bildungswissenschaften Inter  
Science Inter-Research International and American Associations for Dental  
Research International Assn for Plant Taxonomy International Association for  
Political Science Students International Association of Physical Chemists  
International Committee of Medical Journal Editors International Glaciological  
Society International Glaciology Society International Institute of Anticancer  
Research International Journal of Medical Education International Medical Press  
International Society for Experimental Hematology International Society of  
Biorheology International Society of Sports Nutrition International Standards  
Organization International Union of Crystallography (IUCr) International Union  
of Pure and Applied Chemistry IOP Publishing IOPscience IOS Press Iranian  
Chemistry Society ISASE and KEE Isfahan University of Medical Sciences ISHS  
Italian Societv of Pediatric Dentistry IUFRO HQ IWA Publishing IWAP IZS A&M IZUM  
J-Stage J-Stage on behalf of the Japanese Society for Reproduction and  
Development JAALAS Japan Epidemiological Association Japanese Circulation  
Society Japanese Society for Animal Reproduction Japanese Society for Breeding  
Japanese Society of Dental Materials and Devices Japanese Society of  
Gerodontology Japanese Society of Internal Medicine Japanese Society of  
Toxicology Japanese Society of Veterinary Science Japanese Standards for  
Information and Science JCIM Press Jin Publishing JMIR Publications Johan  
Heinrich von Thunen-Institut John Hopkins University Press John Libbey Eurotext  
John Libby Eurotext John Wiley & Sons Johns Hopkins University Press Journal of  
Bone & Joint Surgery, Inc. Julius KÄhn-Institut Kare Publishing Karger  
Publishers Karger Publishing Karolinska Institutet KeAI Kenyon Review Koln  
University Korean Federation of Science and Technology Korean Fiber Society

Korean Geosciences Society Korean Institute of Metals and Minerals Korean Neurocritical Care Society Korean Neurological Association Korean Neurosurgical Society Korean Radiological Society Korean Research Society of Physical Therapy Korean Science and Engineering Foundation Korean Society for Biochemistry and Molecular Biology Korean Society for Biotechnology and Bioengineering Korean Society for Defense Analysis Korean Society for Molecular and Cellular Biology (KSMCB) Korean Society for Political Thought Korean Society of Automotive Engineering Korean Society of Genetics Korean Society of Medical Biochemistry Korean Society of Medical Biochemistry and Molecular Biology Korean Society of Rheology LÅkartidningen FÅrlag AB Lancet Publishing Group Landes Bioscience Lawrence Erlbaum Associates Libra Publishers Life Science Alliance Linguistic Society of America Lippincott Williams & Wilkins Lippincott, Williams & Wilkins Lippincott, Williams and Wilkins Lippincott, Williams, & Wilkins Lippincott, Williams, and Wilkins Magnolia Press Maine Health Management Information Systems Research Center, Carlson School of Management, University of Minnesota Manchester University Press Maney Materials Maney Publishing Marine Biological Laboratory Mary Ann Liebert, Inc. Publishers Massachusetts Medical Society Materials Research Society Mattioli Max Planck Institute for the Study of Societies (MPIfG) Maximum Academic Press MDPI Medical Journals Sweden AB Medycyna Praktyczna Memory and Cognition Meteorological Society Mexican Chemical Society MHRA Microbiology Society Microbiology Society of Korea Micropalenontology Press Mineralogical Society Mineralogical Society of America Mineralogical Society of the UK Minerology Society of America Minerva Medica MIT MIT Press MLA Handbook of Style MLA Publishing Modern Language Association Moennighof & Meyer-Krentler Mohr Siebek Mosby MSOE Rader School of Business Multi-Science Publishing Multidisciplinary Research Academy MultiMed Inc. MUP Press Mycological Society of America Mycotaxon Ltd. MyJoVE, Inc. N/A Nanjing Medical University Nanyang Technical University Nanyang Technical University National Academies Press National Academy of Sciences National Association for Public Health Policy National Environmental Health Association National Ground Water Association National Institute of Infectious Diseases, Japan National

Institute of Mental Health National Institute of Occupational Safety and Health (NIOSH), Japan National Library of Medicine National Library of Medicine, Bethesda, MD, USA National Shellfisheries Association Natural Products Inc. Nature Nature Publishing Nature Publishing Group Neoplasia Press Neuroscience.com New York Academy of Sciences New Zealand Ecological Society New Zealand Medical Association NIH NISC by Taylor & Francis NISC by Taylor and Francis NISO NOAA North American Benthological Society Northeastern University Norwegian Medical Association Nozomi Science Org. NURSA Nursecom Oceanside Publishing Oekom OIE World Organisation for Animal Health Oncology Nursing Society Open Access Open Access Text (OAT) Operative Dentistry Optica Publishing Group Orbis Operations Oren Patashnik organo de difusion cientifica de la Academia Mexicana de Cirugia. Oxford Oxford Academic Oxford University Press Oxford University Press on behalf of the American Institute of Biological Science Oxford University Press Pakistan Medical Association Paleontological Society Paleontology Society Palgrave Palgrave MacMillan Parenteral Drug Association Pediatric Pharmacy Advocacy Group Pediatrics India PeerJ Peeters Peeters Publishing Penn State University Press Pensoft Pensoft Publishing Peter Lang Pharmaceutical Press Pharmaceutical Society of Japan Philosophy Documentation Center Physicians Postgraduate Press Pion PMV Darmstadt Polish Society for Cell Biology Polymer Society of Korea Population Studies Center Portland Press Poultry Science Association Professional Engineering Publishing Project HOPE Psychoanalytical Quarterly Inc. PsychoEducational Corporation Public Library of Science Publishing House of Chinese Journal of Tissue Engineering Research Purdue University Quintessence Publishing Radiological Society of America (RSNA) Radiological Society of North America (RSNA) Redalyc Reformed Theological Society Rheology Society Rice University Roape Rockefeller University Rockefeller University Press, EMBO, and Cold Spring Harbor Laboratory Routledge Royal Australian College Of General Practitioners Royal College of Psychiatrists Royal College of Surgeons of Edinburgh & Ireland. Royal College Radiologists Royal Society of Chemistry Royal Society of Chemistry (RSC) Royal Society of London Royal Society of Medicine Royal Society of New Zealand Royal



Society Publishing RSC Publishing Russian New University-Open Journal Systems  
Russian Norms Russian Standard Rutgers University Press SA ePublications SAA SAE  
Publications SafNet Sage Sage on behalf of Johnson Graduate School of  
Management, Cornell University Sage Publications Sage Publishing Saudi Medical  
Journal Saudi Society for Biological Sciences-King Saud University Schlã¼tersche  
Fachmedien GmbH Schlã¼tersche Fachmedien GmbH (M. & H. Schaper) Schweizerbart  
Science Publishers Scielo SciELO Mexico Science Alert Science Alerts Science  
Alrt Science in China Science Magazine Scientific and Technological Research  
Council of Turkey (TãœBã°TAK) Scientific Research Scientific Research  
Publishing, Inc. Scientific Research Society Seismological Society of America  
Shanghai Institute for Biological Sciences Shanghai Institutes for Biological  
Sciences Singapore Law Journal Slack Slovenian Medical Society Slovensko  
Kemijsko DruÅ;tvo Small Wars Foundation Social Sciences in China Press Sociedad  
Colombiana de Entomologia Sociedad Mexicana de Fisica Sociedad Mexicana de  
Fitogenetica Sociedad Zoologica del Uruguay Society for American Antiquity  
Society for Applied Spectroscopy Society for Cultural Anthropology Society for  
Free Radical Research JAPAN Society for Historical Archaeology Society for  
Industrial and Applied Mathematics Society for Leukocyte Biology Society for  
Neuroscience Society for Paticipatory Medicine Society for Range Management  
Society for Sedimentary Biology Society for Sedimentary Geology Society for the  
Promotion of Roman Studies Society for the Study of Reproduction Society for  
Therigenology Society of Adaptive Science in Taiwan Society of American  
Archaeology Society of American Foresters Society of Biblical Literature Society  
of Economic Geologists Society of Exploration Geophysicists and American  
Association of Petroleum Geologists Society of Exploration Geophysics Society of  
Interventional Radiology Society of Nuclear Medicine Society of Petroleum  
Engineers Society of Wetlands Scientists Sociological Research Online South  
African Water Research Commission Spandidos Spandidos Publications Special Care  
Dentistry Association SPIE Springer Springer for the Japanese Breast Cancer  
Society Springer Japan Springer Nature Springer on behalf of the Japanese  
Fisheries Science Association Springer on behalf of the Japanese Society of

Chemotherapy and The Japanese Association for Infectious Diseases St. Jerome  
Publishing Standards Office-Peoples Republic of China Stellenbosch University  
Strathclyde University Swedish Association of Pulp and Paper Engineers Taiwan  
Agricultural Research Institute Taiwan Publishing TAPPI Taylor & Francis Taylor  
& Francis (Routledge) Taylor & Francis for NISC Taylor & Francis on behalf of  
NISC Taylor & Francis Online Taylor and Frances Taylor and Francis Techno Press  
TechStreet Tecnica Pecuraria de Mexico The American Society of Plant Taxonomists  
The Asia Pacific Blood and Marrow Transplantation Group (APBMT) The Department  
of Agricultural and Cooperation of States, India The Feinstein Institute The  
Geological Society of London The Grassroots Institute The Higher Education  
Press, China The Institute of Atmospheric Physics, Chinese Academy of Sciences  
The Japan Endocrine Society The Japanese Society for Horticultural Science The  
Journal of Rheumatology Publishing Company The Medieval Academy of America The  
Oceanography Society The Pacific Seabird Group The Society for Post-Medieval  
Archeology TheScientificWorld Ltd. Thieme Thieme New York Thieme Stuttgart  
ThÅ¼nen Institute Tohoku University Medical Press Tottori University  
Transportation Research Board Truman University TUBITAK, The Scientific and  
Technological Research Council of Turkey Turabian Manual Turabian Manual 8th  
Edition Turkish Association of Neuropsychiatry Turkish Cerebrovascular Diseases  
Society Turkish National Pediatric Society Turkish Respiratory Society Turkish  
Society of Gastroenterology Turkish Society of Physical Medicine and  
Rehabilitation Turkish Surgical Association Tyndale House, Cambridge UBM Medica  
UC Davis United Nations Universidad Autonoma Metropolitana-Iztapalapa  
Universidad de Costa Rica Universidad Nacional Autonoma de Mexico Universities  
Federation for Animal Welfare University of Arizona University of Arkansas  
University of Aukland University of California Press University of Chicago Press  
University of Colorado University of Colorado at Boulder University of Denver  
University of El Oued, Faculty of Science and Technology University of Galway  
University of Hawaii Press University of Helsinki University of Hull University  
of Iceland University of Lyon University of Manitoba University of Massachusetts  
University of North Carolina Press University of North Texas University of Penn

210.0015555556

Press University of Pretoria University of St. Andrews University of Tennessee,  
Noxville University of Toronto Press University of Washington and Cambridge  
University Press Univesity of Limerick UNU Press USGS Verduci International LLC  
Vienna University of Economics and Business Administration Vieweg Wageningen  
Academic Publishers Warburg and Courtauld Institutes Water Environment  
Federation Wayne State University Press Weed Science Society of America White  
Horse Press WHO (World Health Organization) WHO/OMS Wildlife Society Wiley Wiley  
Blackwell Wiley Interscience Wiley-Blackwell Wiley/Blackwell WJG Press Wolters  
Kluwer Wolters Kluwer Health Wolters-Kluwer Wolverhampton University World  
Poultry Science Association World Scientific Yale University Yonsei University  
Yonsei University College of Medicine. York University Department of Health  
Sciences Zhejiang University Medical Center, China Zuyd University for Applied  
Sciences

Reset

## Reference

[DMT: The Spirit Molecule: A Doctor's Revolutionary Research into the Biology of Near-Death and Mystical Experiences](#)

[Tests & Measurement for People Who \(Think They\) Hate Tests & Measurement](#)