1. Pediatric Health Trends & Chronic Disease Epidemiology

Population-level and clinical literature documenting pediatric chronic-disease trends, developmental and mental-health prevalence, immune/allergy burden, neurologic conditions, and other pediatric health outcomes.

1. Forrest CB, et al. Trends in US Children's Mortality, Chronic Conditions, Obesity, Functional Status, and Symptoms. JAMA. 2025.
   Use/notes: Anchor paper for worsening child-health indicators across multiple domains.
   Link: https://jamanetwork.com/journals/jama/fullarticle/2836060

2. Wisk LE, Sharma N. Prevalence and Trends in Pediatric-Onset Chronic Conditions in the United States, 1999-2018. Academic Pediatrics. 2025.
   Use/notes: Longitudinal U.S. chronic-condition trend analysis.
   Link: https://www.academicpedsjnl.net/article/S1876-2859(25)00035-X/fulltext

3. Danielson ML, et al. ADHD Prevalence Among U.S. Children and Adolescents in 2022: Diagnosis, Severity, Co-Occurring Disorders, and Treatment. Journal of Clinical Child & Adolescent Psychology. 2024.
   Use/notes: Recent national ADHD prevalence paper.
   Link: https://pmc.ncbi.nlm.nih.gov/articles/PMC11334226/

4. Zablotsky B, et al. Prevalence and Trends of Developmental Disabilities Among Children in the United States: 2009-2017. Pediatrics. 2019.
   Use/notes: AAP/Pediatrics developmental-disability trend paper.
   Link: https://pmc.ncbi.nlm.nih.gov/articles/PMC7076808/

5. Bitsko RH, et al. Trends in Mental, Behavioral, and Developmental Disorders Among Children and Adolescents in the US, 2016-2021. Preventing Chronic Disease. 2024.
   Use/notes: CDC trend source for pediatric mental, behavioral, and developmental disorders.
   Link: https://www.cdc.gov/pcd/issues/2024/24_0142.htm

6. GBD 2021 Collaborators Global Burden of Disease 2021: disease burden and risk factors. The Lancet. 2024.
   Use/notes: Global burden context for pediatric and adolescent health.
   Link: https://www.thelancet.com/gbd

7. Sicherer SH, Sampson HA. Food Allergy from Infancy Through Adulthood. New England Journal of Medicine. 2020.
   Use/notes: High-impact review on food-allergy epidemiology and mechanisms.
   Link: https://www.nejm.org/doi/full/10.1056/NEJMra1904838

8. Centers for Disease Control and Prevention Asthma Data, Statistics, and Surveillance. CDC. Current.
   Use/notes: Government source for U.S. asthma prevalence and trend context.
   Link: https://www.cdc.gov/asthma/data-research/index.html

9. Centers for Disease Control and Prevention Epilepsy Facts and Statistics. CDC. Current.
   Use/notes: Government source for U.S. epilepsy prevalence context.
   Link: https://www.cdc.gov/epilepsy/data-research/facts-stats/index.html

10. National Cancer Institute Cancer in Children and Adolescents. NCI/SEER. Current.
   Use/notes: Government source for pediatric cancer incidence, survival, and trend context.
   Link: https://www.cancer.gov/types/childhood-cancers/child-adolescent-cancers-fact-sheet

2. Precision Genomics & Personalized Medicine

Precision medicine, nutrigenomics, detoxification genomics, polygenic risk, clinical decision support, and additional methodological references used to support curated genetics reporting.

1. Collins FS, Varmus H. A New Initiative on Precision Medicine. New England Journal of Medicine. 2015.
   Use/notes: Foundational precision-medicine framework.
   Link: https://www.nejm.org/doi/full/10.1056/NEJMp1500523

2. Way H, et al. Genomics as a Clinical Decision Support Tool: Successful Proof of Concept for Improved ASD Outcomes. Journal of Personalized Medicine. 2021.
Use/notes: Clinical decision-support model using genomics.
Link: https://www.mdpi.com/2075-4426/11/7/596

3. Hausman-Cohen SR, et al. Genomically Targeted Interventions Improve ASD Outcomes. Journal of Personalized Medicine. 2022.
Use/notes: Clinical outcomes paper linked to genomically targeted interventions.
Link: https://pubmed.ncbi.nlm.nih.gov/35216282/

4. Aronica L, Ordovas JM, Volkov A, et al. Genetic Biomarkers of Metabolic Detoxification for Personalized Lifestyle Medicine. Nutrients. 2022.
Use/notes: Review of detoxification-related genetic biomarkers.
Link: https://pubmed.ncbi.nlm.nih.gov/35215417/

5. Hausman-Cohen SR, et al. Genomics of Detoxification: How Genomics Can Be Used for Targeting Potential Intervention and Prevention Strategies Including Nutrition for Environmentally Acquired Illness. Journal of the American College of Nutrition. 2020.
Use/notes: Detoxification genomics and personalized nutrition framework.
Link: https://pubmed.ncbi.nlm.nih.gov/32027241/

6. Beccari T, et al. Nutrigenomics: SNPs Correlated to Detoxification, Antioxidant Capacity and Longevity. La Clinica Terapeutica. 2023.
Use/notes: SNP-focused nutrigenomics review.
Link: https://www.clinicaterapeutica.it/ojs/index.php/1/article/view/827

7. Anttila V, et al. Analysis of Shared Heritability in Common Disorders of the Brain. Science. 2018.
Use/notes: High-impact cross-disorder genetics paper.
Link: https://www.science.org/doi/10.1126/science.aap8757

8. Bottini N, De Luca D, Saccucci P, et al. Autism: Evidence of Association With Adenosine Deaminase Genetic Polymorphism. Neurogenetics. 2001.
Use/notes: Genetic association reference used in methodology materials.
Link: https://pubmed.ncbi.nlm.nih.gov/11354825/

9. Retey JV, Adam M, Honegger E, et al. A Functional Genetic Variation of Adenosine Deaminase Affects the Duration and Intensity of Deep Sleep in Humans. Proceedings of the National Academy of Sciences. 2005.
Use/notes: Variant-function reference relevant to gene interpretation methodology.
Link: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1266101/

10. Costa B, Pini S, Gabelloni P, et al. Oxytocin Receptor and G-Protein Polymorphisms in Patients With Depression and Separation Anxiety. Psychiatry Research. 2017.
Use/notes: Variant-association reference.
Link: https://pubmed.ncbi.nlm.nih.gov/28499211/

11. Pare G, Chasman DI, Parker AN, et al. Novel Associations of CPS1, MUT, NOX4 and DPEP1 With Plasma Homocysteine in 13,974 Participants. Human Molecular Genetics. 2009.
Use/notes: Homocysteine-pathway GWAS reference.
Link: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2745176/

12. Hazra A, Kraft P, Lazarus R, et al. Genome-Wide Significant Predictors of Metabolites in the One-Carbon Metabolism Pathway. Human Molecular Genetics. 2009.
Use/notes: One-carbon metabolism genetics reference.
Link: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2773275/

13. Tanaka T, Scheet P, Giusti B, et al. Genome-Wide Association Study of Vitamin B6, Vitamin B12, Folate and Homocysteine Blood Concentrations. American Journal of Human Genetics. 2009.
Use/notes: B-vitamin and homocysteine GWAS reference.
Link: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2667971/

14. Ganz AB, Shields K, Fomin VG, et al. Genetic Impairments in Folate Enzymes Increase Dependence on Dietary Choline for Phosphatidylcholine Production. FASEB Journal. 2016.
Use/notes: Nutrient-gene interaction reference.
Link: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5024689/

15. Tong G, Zhang B, Liu J, et al. Association of STAT4 Polymorphism With Rheumatoid Arthritis and Systemic Lupus Erythematosus: A Meta-analysis. Human Immunology. 2013.

Use/notes: Methodological example for variant evidence review.
Link: https://pubmed.ncbi.nlm.nih.gov/19479340/

16. Jiang X, et al. Association Between CCR6 and Rheumatoid Arthritis: A Meta-analysis. Modern Rheumatology. 2015.
Use/notes: Variant meta-analysis reference.
Link: https://pubmed.ncbi.nlm.nih.gov/26131115/

17. Lee YH, Bae SC. Associations Between Functional CD40 Variation and Susceptibility to Rheumatoid Arthritis and Systemic Lupus Erythematosus: A Meta-analysis. Lupus. 2015.
Use/notes: Variant meta-analysis reference.
Link: https://pubmed.ncbi.nlm.nih.gov/25908480/

18. Yazdanyar S, et al. Penetrance of NOD2/CARD15 Genetic Variants in the General Population. CMAJ. 2010.
Use/notes: Variant penetrance and risk-methodology reference.
Link: https://pubmed.ncbi.nlm.nih.gov/20371648/

19. Li Y, et al. The Association Between E326K of GBA and Risk of Parkinson's Disease. PLOS ONE. 2018.
Use/notes: Variant risk meta-analysis reference.
Link: https://pubmed.ncbi.nlm.nih.gov/29808112/

20. Simon-Sanchez J, et al. Genome-Wide Association Study Reveals Genetic Risk Underlying Parkinson's Disease. Nature Genetics. 2009.
Use/notes: GWAS methodology reference.
Link: https://pubmed.ncbi.nlm.nih.gov/19915575/

21. Bras J, et al. Genetic Analysis Implicates APOE and SNCA and Suggests Lysosomal Dysfunction in Dementia With Lewy Bodies. Human Molecular Genetics. 2014.
Use/notes: Genetic association reference.
Link: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4222357/

22. Rohn TT. Genetics of Vascular Dementia: Systematic Review and Meta-analysis. Journal of Alzheimer's Disease. 2014.
Use/notes: Systematic-review methodology reference.
Link: https://pubmed.ncbi.nlm.nih.gov/25835425/

23. Stahl EA, et al. Genome-Wide Association Study Meta-analysis Identifies Seven New Rheumatoid Arthritis Risk Loci. Nature Genetics. 2010.
Use/notes: GWAS/meta-analysis methodology reference.
Link: https://pubmed.ncbi.nlm.nih.gov/20453842/

24. Zhernakova A, et al. Meta-analysis of GWAS in Celiac Disease and Rheumatoid Arthritis Identifies Shared Non-HLA Loci. PLoS Genetics. 2011.
Use/notes: Cross-condition shared-risk methodology reference.
Link: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3044685/

25. Wang S, et al. Three TNFAIP3 Variants Increase the Risk of Rheumatoid Arthritis. Journal of Rheumatology. 2016.
Use/notes: Variant association reference.
Link: https://pubmed.ncbi.nlm.nih.gov/28199970/

26. Kobayashi S, et al. Association of STAT4 With Susceptibility to Rheumatoid Arthritis and Systemic Lupus Erythematosus. New England Journal of Medicine. 2008.
Use/notes: High-impact variant association reference.
Link: https://pubmed.ncbi.nlm.nih.gov/18369446/

27. Stevenson J, Sonuga-Barke E, McCann D, et al. The Role of Histamine Degradation Gene Polymorphisms in Moderating Effects of Food Additives on Children's ADHD Symptoms. American Journal of Psychiatry. 2010.
Use/notes: Gene-environment interaction reference.
Link: https://pubmed.ncbi.nlm.nih.gov/20511613/

28. Maintz L, et al. Histamine N-Methyltransferase in the Brain. Cellular and Molecular Life Sciences. 2018.
Use/notes: Histamine metabolism reference.
Link: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6386932/

29. Garcia-Martin E, et al. Association of Diamine Oxidase and Histamine N-Methyltransferase Polymorphisms With Migraine in Mothers of Children With Allergies. Pharmacogenomics. 2016.
Use/notes: Histamine-related variant reference.
Link: https://pubmed.ncbi.nlm.nih.gov/27130307/

30. Szczepankiewicz A, et al. Variability of the L-Histidine Decarboxylase Gene in Allergic Rhinitis. Immunobiology. 2010.
Use/notes: Allergy genetics reference.
Link: https://pubmed.ncbi.nlm.nih.gov/20608921/

31. Zhang J, et al. The NQO1 Pro187Ser Polymorphism and Cancer Susceptibility: A Comprehensive Meta-analysis. British Journal of Cancer. 2013.
Use/notes: Detoxification enzyme variant meta-analysis.
Link: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3778271/

32. Sanna S, et al. Exome-Wide Association Study Identifies UGT1A1 and UGT1A6 Coding Variants Influencing Serum Bilirubin. Nature Genetics. 2015.
Use/notes: Detoxification pathway GWAS reference.
Link: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4616369/

33. Justenhoven C, et al. Polymorphisms of Phase I and Phase II Enzymes and Breast Cancer Risk. Breast Cancer Research and Treatment. 2008.
Use/notes: Phase I/II enzyme polymorphism reference.
Link: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3508624/

34. Li K, et al. CYP2E1 Variation and Risk of Squamous Cell Carcinoma: Meta-analysis. Cancer Management and Research. 2018.
Use/notes: CYP variation meta-analysis reference.
Link: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5930765/

35. Benn M, Nordestgaard BG, Grande P, Schnohr P, Tybjaerg-Hansen A. PCSK9 R46L, LDL-Cholesterol Levels and Risk of Ischaemic Heart Disease. Journal of the American College of Cardiology. 2010.
Use/notes: Variant-risk reference.
Link: https://pubmed.ncbi.nlm.nih.gov/20579540/

36. Rasmussen-Torvik LJ, et al. GCKR and Metabolic Traits, Incident Diabetes and Cardiovascular Disease: ARIC Study. Diabetes. 2010.
Use/notes: Metabolic variant reference.
Link: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2908550/

37. Levy D, et al. Eight Blood-Pressure Loci Identified by GWAS of European Ancestry. Nature Genetics. 2009.
Use/notes: GWAS methodology reference.
Link: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2891673/

38. Gohil R, et al. Risk of Venous Thromboembolism Associated With Factor V Leiden, Prothrombin and MTHFR: Meta-analysis. Thrombosis and Haemostasis. 2009.
Use/notes: Variant meta-analysis reference.
Link: https://pubmed.ncbi.nlm.nih.gov/23900608/

39. Julvez J, et al. Maternal Glutathione-Related Variants, Mercury Concentrations and Early Child Neurodevelopment in a Fish-Rich Population. Environment International. 2013.
Use/notes: Gene-environment neurodevelopment reference.
Link: https://www.sciencedirect.com/science/article/pii/S0160412017322705

40. Ahsan H, et al. Arsenic Metabolism, Genetic Susceptibility and Risk of Premalignant Skin Lesions in Bangladesh. Cancer Epidemiology, Biomarkers & Prevention. 2007.
Use/notes: Detoxification genetics reference.
Link: https://pubmed.ncbi.nlm.nih.gov/17548696/

41. Gundacker C, et al. Genetic Background of Lead and Mercury Metabolism in Austrian Medical Students. Environmental Research. 2009.
Use/notes: Heavy-metal metabolism genetics reference.
Link: https://pubmed.ncbi.nlm.nih.gov/19515364/

42. Custodio HM, et al. Polymorphisms in Glutathione-Related Genes Affect Methylmercury Retention. Environmental Health Perspectives. 2005.
Use/notes: Glutathione genetics and mercury retention.
Link: https://pubmed.ncbi.nlm.nih.gov/16599007/

43. Busby G, Bolli A, Di Domenico P, Botta G. Development and Validation of a Polygenic Risk Score for Coronary Artery Disease. Comparator white paper. n.d..
Use/notes: Methodology comparator supplied for PRS style and structure.

44. Wald DS, Law M, Morris JK. Homocysteine and Cardiovascular Disease: Evidence on Causality From a Meta-analysis. BMJ. 2002.
Use/notes: Methodological source for causal inference discussion.
Link: https://www.bmj.com/content/325/7374/1202

3. Neurodevelopment & Autism

Autism, ADHD, neurodevelopment, epigenetics, detoxification-related neurobiology, oxidative stress, microbiome/gut-brain literature, and exploratory personalized-intervention papers.

1. Borre YE, O'Keeffe GW, Clarke G, Stanton C, Dinan TG, Cryan JF. Microbiota and Neurodevelopmental Windows: Implications for Brain Disorders. Trends in Molecular Medicine. 2014.
Use/notes: Gut-brain axis and developmental-window review.
Link: https://pubmed.ncbi.nlm.nih.gov/24956966/

2. Gholamalizadeh H, Amiri-Shahri M, Rasouli F, Ansari A, Baradaran Rahimi V, Askari VR. DNA Methylation in Autism Spectrum Disorders: Biomarker or Pharmacological Target?. Brain Sciences. 2024.
Use/notes: Recent review on ASD epigenetics.
Link: https://www.mdpi.com/2076-3425/14/8/737

3. Mandic-Maravic V, et al. Glutathione S-Transferase Polymorphisms and Clinical Characteristics in Autism Spectrum Disorder. Frontiers in Psychiatry. 2021.
Use/notes: GST genotype associations with ASD clinical features.
Link: https://www.frontiersin.org/journals/psychiatry/articles/10.3389/fpsyt.2021.672389/full

4. Bjorklund G, et al. The Impact of Glutathione Metabolism in Autism Spectrum Disorder. Molecular Neurobiology. 2021.
Use/notes: Review of glutathione metabolism and ASD.
Link: https://pubmed.ncbi.nlm.nih.gov/33493659/

5. Esmaiel NN, Ashaat EA, Mosaad R, et al. The Potential Impact of COMT Gene Variants on Dopamine Regulation and Phenotypic Traits of ASD Patients. Behavioral Brain Research. 2020.
Use/notes: COMT variants and dopamine regulation in ASD.
Link: https://pubmed.ncbi.nlm.nih.gov/31586564/

6. Hyman SL, et al. / case report authors Reversal of Autism Symptoms Among Dizygotic Twins Through a Personalized Lifestyle and Environmental Modification Approach: A Case Report and Literature Review. Journal of Personalized Medicine. 2024.
Use/notes: Case report; classify as exploratory.
Link: https://www.mdpi.com/2075-4426/14/6/641

7. Mold M, et al. Theoretical Aspects of Autism: Causes - A Review. Journal of Immunotoxicology. 2011.
Use/notes: Review cited in Sunra materials; verify final link before public upload.

8. Bradstreet JJ, et al. Biomarker-Guided Interventions of Clinically Relevant Conditions Associated With Autism Spectrum Disorders and ADHD. Alternative Medicine Review. 2010.
Use/notes: Supplemental clinical review; do not feature as top-tier evidence.
Link: https://altmedrev.com/blog/resource/biomarker-guided-interventions-of-clinically-relevant-conditions-associated-with-autism-spectrum-disorders-and-attention-deficit-hyperactivity-disorder/

9. Mumper EA. Can Pathophysiology Lead to Primary Care Autism Prevention?. North American Journal of Medicine & Science. 2019.
Use/notes: Clinical observations/review; use as background.
Link: https://www.najms.com/index.php/najms/article/view/191

10. Arnold PD, et al. SLC1A1 Glutamate Transporter and Obsessive-Compulsive Disorder. Archives of General Psychiatry. 2006.
Use/notes: Neurotransmission and genetic susceptibility reference.
Link: https://pubmed.ncbi.nlm.nih.gov/16818866/

11. Blaylock RL. A Possible Central Mechanism in Autism Spectrum Disorders. Alternative Therapies in Health and Medicine. 2008.
Use/notes: Mechanistic review; supplemental.
Link: https://pubmed.ncbi.nlm.nih.gov/19043938/

12. Bowers K, et al. Glutathione Pathway Gene Variation and Risk of Autism Spectrum Disorders. Journal of Neurodevelopmental Disorders. 2011.
Use/notes: ASD glutathione-pathway genetics.
Link: https://link.springer.com/article/10.1007/s11689-011-9077-4

13. Bidwell LC, et al. Genetic Influences on ADHD Symptom Dimensions. American Journal of Medical Genetics Part B. 2017.
Use/notes: ADHD genetic susceptibility reference.
Link: https://pubmed.ncbi.nlm.nih.gov/28332559/

14. Hwang IW, et al. Association of Monoamine Oxidase A Gene Polymorphisms With ADHD in Korean Children. Medicina. 2018.
Use/notes: ADHD genetic susceptibility reference.
Link: https://pubmed.ncbi.nlm.nih.gov/29289380/

4. Environmental Health & Gene-Environment Interactions

Environmental toxicology, heavy metals, mycotoxins, glyphosate, allergic disease determinants, mitochondrial response biology, and gene-environment susceptibility literature.

1. Naviaux RK. Perspective: Cell Danger Response Biology - The New Science That Connects Environmental Health With Mitochondria and the Rising Tide of Chronic Illness. Mitochondrion. 2020.
Use/notes: Mitochondrial and environmental-health framework.
Link: https://www.sciencedirect.com/science/article/pii/S1567724919302922

2. Rossignol DA, Genuis SJ, Frye RE. Environmental Toxicants and Autism Spectrum Disorders: A Systematic Review. Translational Psychiatry. 2014.
Use/notes: Systematic review of toxicants and ASD.
Link: https://pmc.ncbi.nlm.nih.gov/articles/PMC3944636/

3. Rahbar MH, et al. GST Gene Variants, Lead Burden, and Autism Spectrum Disorder. Genes. 2021.
Use/notes: Lead burden and GST genetics.
Link: https://pmc.ncbi.nlm.nih.gov/articles/PMC8392432/

4. Ewing GE. What Is Regressive Autism and Why Does It Occur? Is It the Consequence of Multi-Systemic Dysfunction Affecting the Elimination of Heavy Metals and the Ability to Regulate Neural Temperature?. North American Journal of Medical Sciences. 2009.
Use/notes: Hypothesis paper; environmental/heavy-metal framework.
Link: https://pmc.ncbi.nlm.nih.gov/articles/PMC3364648

5. Hope J. Effects of Mycotoxins on Neuropsychiatric Symptoms and Immune Processes. Clinical Therapeutics. 2013.
Use/notes: Mycotoxins and neuroimmune effects.
Link: https://pubmed.ncbi.nlm.nih.gov/23590826/

6. Campbell DE, et al. Mechanisms of Allergic Disease - Environmental and Genetic Determinants for the Development of Allergy. Clinical & Experimental Allergy. 2015.
Use/notes: Allergy genetics and environmental determinants.
Link: https://pubmed.ncbi.nlm.nih.gov/25989281/

7. Samsel A, Seneff S. Glyphosate, Pathways to Modern Diseases II: Celiac Sprue and Gluten Intolerance. Interdisciplinary Toxicology. 2013.
Use/notes: Glyphosate hypothesis paper; supplemental.
Link: https://pmc.ncbi.nlm.nih.gov/articles/PMC3945755/

8. Adams JB, et al. Mercury in First-Cut Baby Hair of Children With Autism Versus Typically Developing Children. Toxicological & Environmental Chemistry. 2007.
Use/notes: Mercury biomarker reference.
Link: https://www.tandfonline.com/doi/abs/10.1080/02772240701394989

9. Adams JB, et al. Heavy Metals in Hair Samples From Severely Autistic Children. International Journal of Environmental Research and Public Health. 2012.
Use/notes: Heavy-metal biomarker study.

Link: https://www.mdpi.com/1660-4601/9/12/4486

10. Kern JK, et al. Genetic Variation Associated With Hypersensitivity to Mercury. Toxicological Sciences. 2017.
    Use/notes: Toxicology/genetic susceptibility reference.
    Link: https://academic.oup.com/toxsci/article-abstract/155/2/302/2684509

5. Precision Vaccinology & Immunogenomics

Vaccinomics, adversomics, vaccine response genetics, immunogenomics, adjuvant biology, immune variability, schedule safety reports, and comparative-outcome papers. Comparative and passive-surveillance studies should be labeled as hypothesis-generating rather than definitive causation.

1. Poland GA, Ovsyannikova IG, Kennedy RB. Personalized Vaccinology: A Review. Vaccine. 2018.
   Use/notes: Foundational precision-vaccinology review.
   Link: https://pubmed.ncbi.nlm.nih.gov/29439861/

2. Whitaker JA, Ovsyannikova IG, Poland GA. Adversomics: A New Paradigm for Vaccine Safety and Design. Expert Review of Vaccines. 2015.
   Use/notes: Adversomics framework paper.
   Link: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4630804/

3. Ovsyannikova IG, Pankratz VS, Poland GA. The Emerging Field of Vaccine Adverse Event Immunogenetics. Vaccine. 2009.
   Use/notes: Immunogenetics of vaccine adverse events.
   Link: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2843136/

4. Hur J, et al. Ontology Modeling of Genetic Susceptibility to Adverse Events Following Vaccination. Journal of Biomedical Semantics. 2014.
   Use/notes: Genetic susceptibility modeling.
   Link: https://jbiomedsem.biomedcentral.com/articles/10.1186/2041-1480-5-29

5. Poland GA, et al. The First Steps Toward Personalized Vaccinology: Predicting Adverse Reactions. The Pharmacogenomics Journal. 2015.
   Use/notes: Personalized vaccinology / adverse reaction prediction.
   Link: https://pubmed.ncbi.nlm.nih.gov/25234366/

6. Kennedy RB, et al. Characterizing Vaccine Responses Using Host Genomic and Transcriptomic Analysis. Clinical Infectious Diseases. 2013.
   Use/notes: Host genomic and transcriptomic vaccine response analysis.
   Link: https://academic.oup.com/cid/article/57/6/860/337698

7. Reif DM, et al. Genetic Basis for Adverse Events Following Smallpox Vaccination. Journal of Infectious Diseases. 2008.
   Use/notes: Vaccine adverse-event genetics.
   Link: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2746083/

8. Feenstra B, et al. Common Variants Associated With General and MMR Vaccine-Related Febrile Seizures. Nature Genetics. 2014.
   Use/notes: MMR/febrile seizure genetics.
   Link: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4244308/

9. Haralambieva IH, et al. The Genetic Basis for Interindividual Immune Response Variation to Measles Vaccine. Vaccine. 2013.
   Use/notes: Measles vaccine response genetics.
   Link: https://pubmed.ncbi.nlm.nih.gov/23256739/

10. Clifford HD, et al. CD46 Measles Virus Receptor Polymorphisms Influence Receptor Protein Expression and Primary Measles Vaccine Responses in Naive Australian Children. Vaccine. 2012.
    Use/notes: Measles receptor polymorphism and vaccine response.
    Link: https://pubmed.ncbi.nlm.nih.gov/22357652/

11. Pulendran B, et al. Systems Vaccinology and Personalized Medicine: Predicting Immunogenicity After Yellow Fever Vaccination. Nature Immunology / related systems biology literature. 2009.
    Use/notes: Systems vaccinology reference.
    Link: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3734802/

12. Guimaraes LEA, et al. Vaccines, Adjuvants and Autoimmunity. Pharmacological Research. 2015.
Use/notes: Adjuvants and autoimmunity review; use with balanced framing.
Link: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7129276/

13. Vadala M, et al. Vaccination and Autoimmune Diseases: Is Prevention of Adverse Health Effects on the Horizon?. EPMA Journal. 2017.
Use/notes: Autoimmunity and predictive/preventive medicine review.
Link: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5607155/

14. Eisenbarth SC, et al. Crucial Role for the Nalp3 Inflammasome in the Immunostimulatory Properties of Aluminium Adjuvants. Nature. 2008.
Use/notes: Aluminum adjuvant / NLRP3 mechanism.
Link: https://pubmed.ncbi.nlm.nih.gov/18496530/

15. Hornung V, et al. Silica Crystals and Aluminum Salts Activate the NALP3 Inflammasome Through Phagosomal Destabilization. Nature Immunology. 2008.
Use/notes: NLRP3 inflammasome mechanism.
Link: https://pubmed.ncbi.nlm.nih.gov/18624356/

16. Tomljenovic L, Shaw CA. Do Aluminum Vaccine Adjuvants Contribute to the Rising Prevalence of Autism?. Journal of Inorganic Biochemistry. 2011.
Use/notes: Hypothesis/review; use carefully.
Link: https://pubmed.ncbi.nlm.nih.gov/22099159/

17. Richmand BJ. Hypothesis: Conjugate Vaccines May Predispose Children to Autism Spectrum Disorders. Medical Hypotheses. 2011.
Use/notes: Hypothesis paper; do not present as causal evidence.
Link: https://pubmed.ncbi.nlm.nih.gov/21993250/

18. Singh VK, Lin SX, Newell E, Nelson C. Abnormal Measles-Mumps-Rubella Antibodies and CNS Autoimmunity in Children With Autism. Journal of Biomedical Science. 2002.
Use/notes: MMR antibodies and autoimmunity paper; mechanistic/association evidence.
Link: https://pubmed.ncbi.nlm.nih.gov/12145534/

19. Gallagher CM, Goodman MS. Hepatitis B Triple Series Vaccine and Developmental Disability in U.S. Children Aged 1-9 Years. Toxicological & Environmental Chemistry. 2008.
Use/notes: Comparative association study; classify as hypothesis-generating.
Link: https://pubmed.ncbi.nlm.nih.gov/21058170/

20. Mawson AR, et al. Pilot Comparative Study on the Health of Vaccinated and Unvaccinated 6- to 12-Year-Old U.S. Children. Journal of Translational Science. 2017.
Use/notes: Comparative outcomes; hypothesis-generating.
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