

# Sperm-Egg-Geddon

AN EXISTENTIAL THREAT

**BIBLIOGRAPHY** 

Past, present or chronic medical conditions (infections, illness)

- Ahmed, S.B. (2023) CKD and Male Infertility. Kidney News. Link
- Alkhaled, Y. et al. (2021) STIs and Men's Sexual Function. Arab J Urol. Link
- Amini, L. et al. (2022) Periodontitis, Female Fertility and Conception. Int J Women's Health Reprod Sci. Link
- Cicinelli, E. et al. (2022) Human Genital Tracts Microbiota: Dysbiosis Crucial for Infertility. J Endocrinol Invest. Link
- Eisenberg, M.L. et al. (2011) The Relationship between Anogenital Distance, Fatherhood, and Fertility in Adult Men. PLoS ONE. Link
- Eisenberg, M.L. et al. (2015) Anogenital Distance as a Measure of Human Male Fertility. J Assist Reprod Genet. Link
- Fan, D. et al. (2024) Female Reproductive Disease, Endometriosis: From Inflammation to Infertility. J Reprod Immunol. Link
- Garcia, M.R. et al. (2024) The Gut Microbiota: Emerging Biomarkers and Potential Treatments for Infertility-Related Diseases. Front Cell Infect Microbiol. Link
- ♦ Goulart, A.C. et al. (2021) Bacterial STIs and Female Fertility. Int J Mol Sci. Link
- Hart, R.J. (2012) The Rate at Which Human Sperm Are Immobilized and Killed by Mild Acidity. Fertil Steril. Link
- Hong, X. et al. (2024) Gut Microbiota-Gonadal Axis: The Impact of Gut Microbiota on Reproductive Functions. Front Immunol. Link
- Hu, L. et al. (2024) Microbiome in Female Reproductive Health: Implications for Fertility and ART. Genomics Proteomics Bioinformatics. Link

# Past, present or chronic medical conditions (infections, illness)

- ♦ Kallen, A. et al. (2022) Fertility After Cancer: Risks and Successes. *Cancers*. <u>Link</u>
- Lavery, J.A. et al. (2024) Fertility in Colorectal Cancer Patients. Oncologist. <u>Link</u>
- ♦ Leaver, R.B. (2016) Male Infertility and Dental Health Status: A Systematic Review. *Am J Men's Health*. Link
- Li, M. et al. (2023) Kidney Damage and Fertility. *PLoS ONE*. Link
- Macer, M.B. and Taylor, H.S. (2012) Fertility and Anogenital Distance in Women. Reprod Toxicol. Link
- Mittal, S. et al. (2021) STIs and Reproductive Health. Reprod Health. Link
- Moreno-Sepulveda, J. and Rajendiran, E. (2024) Navigating the Microbial Landscape: Dysbiosis in Genital Tracts and Fertility. Microorganisms. Link
- Nobrega, R.H. et al. (2021) Fertility in Kidney Failure. Transplantology. Link
- Piccinni, M.P. et al. (2023) CKD and Female Infertility. Front Med. Link
- ◇ Pironti, C. et al. (2023) The Late Effects of Cancer Treatment on Female Fertility. *Life*. Link
- Rajendiran, E. and Moreno-Sepulveda, J. (2023) Gut Microbiota Dysbiosis: A Neglected Risk Factor for Fertility. Clin Med Insights. Link
- Razi, Y. et al. (2021) Semen pH and Its Correlation with Motility and Count. Andrologia. Link
- Rotar, S. et al. (2023) The Role of Gut Microbiota in Female Reproductive Health. Life. Link
- Saei Ghare Naz, M. et al. (2021) The Impact of Gut Microbiota on Reproductive and Metabolic Endocrine System. Gut Microbes. Link

# Past, present or chronic medical conditions (infections, illness)

- Shah, J.S. et al. (2023) The Association of Periodontal Disease with Extended Time to Conceive in Women. J Fertil Res. Link
- Shamsi, M.B. et al. (2024) pH Homeodynamics and Male Fertility. Front Endocrinol. Link
- Sharma, R. et al. (2023) Insights into the Role of Cervical Mucus and Vaginal pH in Unexplained Infertility. MedicalExpress. Link
- Siristatidis, C.S. et al. (2022) Periodontitis and Infertility: An Evidence-Based Review. Glob J Fertil Res. Link
- Tsevat, D.G. et al. (2017) STIs and Infertility. Am J Obstet Gynecol. Link
- Wissing, M.H. et al. (2025) CKD and Female Hormones. Kidney Int Rep. Link
- World Health Organization (2023) Infertility Key Facts (Authors N/A). WHO. Link
- Xu, X. et al. (2025) Global Infertility and STIs to 2050. Sci Rep. Link
- Yang, H. et al. (2025) Prevalence and Impact of Fertility Preservation in Young Women with Breast Cancer. Sci Rep. <u>Link</u>
- Yang, J. et al. (2023) Don't Trust Your Gut: When Gut Microbiota Disrupt Fertility. Cell Metab. Link
- ♦ Yang, S.C. et al. (2025) Recent Guidelines for Varicocele: KSSMA Recommendations. World J Men's Health. Link
- Zegers-Hochschild, F. et al. (2022) Revisiting the Impact of Varicocele and Its Treatments on Male Fertility. Reprod Biomed Online. Link
- Zhang, J. et al. (2024) The Evolving Landscape of Male Varicocele Pathophysiology. Biology. Link

# Psychological stressors

- Australian Institute of Family Studies (2005) It's Not for Lack of Wanting Kids: A Report on the Fertility Decision Making Project. (Authors N/A). AIFS. <u>Link</u>
- Brough, M. and Sheppard, P. (2022) Fertility Decision-Making in the UK: Insights from a Qualitative Study among British Men and Women. Soc Sci. Link
- Dourou, P. et al. (2023) Quality of Life among Couples with a Fertility Related Diagnosis. Clin Pract. Link
- Hasanpoor-Azghdy, S.B. et al. (2014) The Emotional-Psychological Consequences of Infertility among Infertile Women Seeking Treatment: Results of a Qualitative Study. *Iran J Reprod Med*. <u>Link</u>
- Kuang, B. and Berrington, A. (2025) The Changing Inter-Relationship between Partnership Dynamics and Fertility Trends in Europe and the United States: A Review. *Demogr Res*. <u>Link</u>
- ♦ OECD (2023) Exploring Norway's Fertility, Work, and Family Policy Trends. (Authors N/A). *OECD*. <u>Link</u>
- OECD (2024) Declining Fertility Rates Put Prosperity of Future Generations at Risk. (Authors N/A). *OECD*. <u>Link</u>
- Persson, P. and Rossin-Slater, M. (2018) Fertility and Social Security. J Demogr Econ. Link
- Simionescu, G. et al. (2021) The Complex Relationship between Infertility and Psychological Distress (Review). Exp. Ther Med. Link
- Stanhiser, J. et al. (2021) Women's Experiences of Birth Trauma: A Scoping Review. Women Birth. Link

# Psychological stressors

- Taebi, M. et al. (2021) Infertility Stigma: A Qualitative Study on Feelings and Experiences of Infertile Women. Int J Fertil Steril. Link
- Templeton, R. et al. (2022) Impacts of Policies on Fertility Rates. Australian National University. Link
- Testa, M.R. and Bolano, D. (2021) The Influence of Partnership Status of Fertility Intentions in Childless Women and Men Across European Countries. Eur J Popul. Link
- Werner-Bierwisch, T. et al. (2018) Mothers' and Fathers' Sense of Security in the Context of Pregnancy, Childbirth and the Postnatal Period: An Integrative Literature Review. BMC Pregnancy Childbirth. Link
- Wu, J. et al. (2023) Desire for Social Status Affects Marital and Reproductive Attitudes: A Life History Mismatch Perspective. Curr Res Ecol Soc Psychol. Link
- Ying, L.Y. et al. (2021) The Complex Relationship between Infertility and Psychological Distress (Review). Exp Ther Med. Link
- Yoldemir, T. et al. (2023) The Association between Childbirth-Related Fear, Childbirth Readiness, and Fertility Intentions, and Childbirth Readiness as the Mediator. Reprod Health. Link
- Zeng, T. et al. (2023) The Association between Childbirth-Related Fear, Childbirth Readiness, and Fertility Intentions, and Childbirth Readiness as the Mediator. Reprod Health. Link

#### Toxins in home & work environments

- Ashcroft, S. (2024) Synthetic Endocrine Disruptors in Fragranced Products. *Endocrines*. Link
- ♦ BU School of Public Health (2016) Exposure to Flame Retardants May Lower Male Reproductive Hormone. (Authors N/A). BU School of Public Health. Link
- Carignan, C. (n.d.) Flame Retardant Chemicals Harm Conception and Pregnancy. EWG. Link
- CDC (n.d.) About Solvents and Reproductive Health. CDC. Link
- Chen, D. (2025) How Indoor Decoration Materials Contribute to Phthalates Pollution: Uncovering Occurrences, Sources, and Their Implications for Environmental Burdens in Households. J Hazard Mater. Link
- Duong, A. (2011) Reproductive and Developmental Toxicity of Formaldehyde: A Systematic Review. Mutat Res. Link
- El Khoury, D. (2019) Updates on the Effect of Mycotoxins on Male Reproductive Efficiency in Mammals. *Toxins*. Link
- EPA (n.d.) Our Current Understanding of the Human Health and Environmental Risks of PFAS. (Authors N/A). EPA. Link
- EWG (2008) UCLA Study: U.S. Women at Greater Risk from Teflon Chemical. (Authors N/A). EWG. Link
- Fei, C. (2009) Nonstick Chemicals Linked to Infertility. Human Reproduction. Link
- Hulscher, N. (n.d.) 47 Pesticides Found in U.S. Homes, Water, and People As Congress Moves to Shield Manufacturers. The Focal Points. Link

#### Toxins in home & work environments

- Innes, K.E. (2021) Legacy and Alternative Flame Retardant Exposures Among Couples Seeking Fertility Treatment and Their Fertility Relevant Outcomes. ResearchGate. <u>Link</u>
- Inovi Fertility (2025) Industrial Solvents and Their Hidden Threats to Fertility. (Authors N/A). Inovi Fertility & Genetics Institute. Link
- Jain, M. (2025) Environmental Toxins and Infertility. StatPearls. Link
- Kaniklidis, C. (2022) Toxicities of Laundry Products Review of the Evidence. ResearchGate. Link
- Li, M. (2024) Reproductive Toxicity of PFOA, PFOS and Their Substitutes: A Review Based on Epidemiological and Toxicological Evidence. *Environ Res*. Link
- Lv, X. (2023) The Association Between Self-Reported Household Renovation and Semen Parameters Among Infertile Men: A Cross-Sectional Study. Am J Men's Health. Link
- Luo, M. (2023) Household Polluting Cooking Fuels and Adverse Birth Outcomes: An Updated Systematic Review and Meta-Analysis. Front Public Health. Link
- Margiana, R. (2022) The Effect of Toxic Air Pollutants on Fertility Men and Women, Fetus and Birth Rate. Rev Environ Health. Link
- Merrell, W. (n.d.) Teflon Undermining Fertility? Psychology Today Australia. Link
- Pizzorno, J. (2018) Environmental Toxins and Infertility. *Integr Med Clin J.* Link

#### Toxins in home & work environments

- Potera, C. (2009) REPRODUCTIVE TOXICOLOGY: Study Associates PFOS and PFOA with Impaired Fertility. Environ Health Perspect. Link
- Sajjad, Y. (2024) The Role of Mycotoxins in Reproductive Health: Mechanisms, Evidence, and Clinical Implications. J IVF-Worldwide. Link
- Siegel, E.L. (2023) Indoor and Outdoor Air Pollution and Couple Fecundability: A Systematic Review. Human Reprod Update. Link
- Sousa, A.C. (2021) The Impact of Endocrine-Disrupting Chemicals in Male Fertility: Focus on the Action of Obesogens. J Clin Med. Link
- ♦ Tricotteaux-Zarqaoui, S. (2024) Endocrine Disruptor Chemicals Exposure and Female Fertility Declining: From Pathophysiology to Epigenetic Risks. Front Public Health. Link
- University of California at Berkeley (n.d.) Exposure to Flame Retardant Decreases Female Fertility, Study Shows. (Authors N/A). Environ Health Perspect. Link
- ♦ Vessa B, Perlman B, McGovern PG, Morelli SS (2022) Endocrine Disruptors and Female Fertility: A Review of Pesticide and Plasticizer Effects. F&S Reports. Link
- Virginia Tech University (2015) Can Cleaning Chemicals Damage Your Reproductive Potential? (Authors N/A). Reprod Toxicol. Link

# Toxins in personal care products

- Aliouche H, Ellis D (2021) What Are The Health Effects of Over-Sanitization? News-Medical. Link
- ♦ Cosmetic Laser Skin Surgery (n.d.) Can I Get Botox While Pregnant? Botox During Pregnancy Essential Information. (Authors N/A). Cosmetic Laser Skin Surgery. Link
- Di Renzo, G.C. et al. (2015) International Federation of Gynecology and Obstetrics Opinion on Reproductive Health Impacts of Exposure to Toxic Environmental Chemicals. *Int J Gynaecol Obstet*. Link
- EC Research and Innovation (2024) Silent Danger: Researchers Tackle Chemicals That Threaten Health and Fertility.
   (Authors N/A). Horizon Magazine. Link
- Faber, S. (2020) The Toxic Twelve Chemicals and Contaminants in Cosmetics. EWG. Link
- Farasani, A. (2022) Evaluation of Pollutants in Perfumes, Colognes and Health Effects on the Consumer: A
   Systematic Review. J Health Eng. Link
- Green, M.P. et al. (2021) Endocrine Disrupting Chemicals: Impacts on Human Fertility and Fecundity During the Peri-Conception Period. Environ Res. <u>Link</u>
- Healthline (2020) Does Hand Sanitizer Kill Sperm? (Authors N/A). Healthline. Link
- Healthline (2021) What Are the Side Effects of Using Hand Sanitizer? (Authors N/A). Healthline. Link
- Karwacka, A. et al. (2024) Associations Between Endocrine-Disrupting Chemical Exposure and Fertility Outcomes: A
  Decade of Human Epidemiological Evidence. Life. Link

# Toxins in personal care products

- Klotz, K. et al. (2023) The Effects of Endocrine-Disrupting Chemicals on Ovarian- and Ovulation-Related Fertility
  Outcomes. Reprod Toxicol. Link
- Kohli R, Mittal A, Mittal A (2024) Adverse Effects of Cosmetics on the Women Health. BioConf. Link
- Pan, H. et al. (2024) Associations of Personal Care Products Use with Reproductive Outcomes of IVF/ICSI Treatment. Front Endocrinol. Link
- Plante, J. and McAninch, E.A. (2023) The Ugly Side of Beauty: Chemicals in Cosmetics Threaten College-Age Women's Reproductive Health. The Conversation. <u>Link</u>
- Sampath P (2014) 8 Reasons You Will Stop Using Hand Sanitisers Regularly. The Health Site. Link
- Tricotteaux-Zarqaoui, S. (2024) Endocrine Disruptor Chemicals Exposure and Female Fertility Declining: From Pathophysiology to Epigenetic Risks. Front Public Health. <u>Link</u>
- Vachhrajani, P. et al. (2023) Association of Triclosan and Human Infertility: A Systematic Review. J Pak Med Assoc. Link
- Wan, L. et al. (2024) Cutaneous Tattoo Ink as a Mimicker of Endometriosis-Like Lesions on Diagnostic Laparoscopy. Case Rep Obstet Gynecol. <u>Link</u>

- Ajayi, A. F. et al. (2023) Psychoactive Drugs and Male Fertility: Impacts and Mechanisms. Reprod Biol Endocrinol.
   Link
- Arciello, M. et al. (2019) Nutrition and Female Fertility: An Interdependent Correlation. Front Endocrinol. Link
- ♦ Caba, M. et al. (2018) Circadian Rhythms and Clock Genes in Reproduction: Insights From Behavior and the Female Rabbit's Brain. *Front Endocrinol*. **Link**
- Cao, S. et al. (2022) Association Between Physical Activity and Infertility: A Comprehensive Systematic Review and Meta-Analysis. J Transl Med. <u>Link</u>
- Chen, C. et al. (2022) Effects of Physical Activity and Sleep Duration on Fertility: A Systematic Review and Meta-Analysis Based on Prospective Cohort Studies. Front Public Health. Link
- Dechanet, C. et al. (2011) Effects of Cigarette Smoking on Reproduction. *Hum Reprod Update*. Link
- Debbie Montjean et al. (2023) An Overview of E-Cigarette Impact on Reproductive Health. *Life*. Link
- Fan, D. et al. (2017) Female Alcohol Consumption and Fecundability: A Systematic Review and Dose-Response Meta-Analysis. Sci Rep. Link
- Finelli, R. et al. (2021) Impact of Alcohol Consumption on Male Fertility Potential: A Narrative Review. *Int J Environ Res Public Health*. Link
- Gaskins, A. J. and Chavarro JE (2016) Exercise and Human Reproduction: Induced Fertility Disorders and Possible Therapies. Springer. Link

- ♦ Harley, A. et al. (2015) Smoking and Male Infertility: An Evidence-Based Review. World J Mens Health. Link
- Harvard Health Publishing (2017) Making Fertility-Friendly Lifestyle Choices. (Authors N/A). Harvard Health. Link
- ♦ Hassan, M. and Killick, S. (2003) Delayed Conception and Active and Passive Smoking. Fertil Steril. Link
- Sijie, H. et al. (2023) Associations Between Smoking Status and Infertility: A Cross-Sectional Analysis Among USA Women Aged 18-45 Years. Front Endocrinol. <u>Link</u>
- Szumilas, K. et al. (2020) The Effects of E-Cigarette Vapor Components on the Morphology and Function of the Male and Female Reproductive Systems: A Systematic Review. Int J Environ Res Public Health. Link
- Lainas, G. et al. (2024) P-697 The Effect of Smoking and Vaping on Hormonal Ovarian Reserve Markers in Women of Reproductive Age in the United Kingdom. Hum Reprod. <u>Link</u>
- Lateef, O. M. and Akintubosun M. O. (2020) Disruption of Circadian Rhythms: A Crucial Factor in the Etiology of Infertility. Int J Reprod Med. Link
- Peng, L. et al. (2024) Unraveling the Link: Environmental Tobacco Smoke Exposure and Its Impact on Infertility Among American Women (18–50 Years). Front Public Health. Link
- Liu, Y. et al. (2022) The Cost of the Circadian Desynchrony on the Leydig Cell Function. Sci Rep. Link
- Masterson, T. A. et al. (2023) Fertility Outcomes in Men with Prior History of Anabolic Steroid Use. Fertil Steril. Link
- Mielczarek, M., Sroczyńska, P., Sroczyński, J., Lachowska, J., Senior, K., Smandek, J (2023) Anabolic Androgenic Steroids Intake and Its Impact on Male Reproductive System - Systematic Review. Qual Sport. Link

- Mima, M. et al. (2016) The Impact of Intense Exercise on Semen Quality. Am J Men's Health. Link
- Nagy, Z. .P et al. (2025) The Impact of Food and Nutraceuticals on Human Fertility. Reprod Biol. Link
- Neal, M. S. et al. (2005) Sidestream Smoking is Equally as Damaging as Mainstream Smoking on IVF Outcomes. Hum Reprod. Link
- Practice Committee of the American Society for Reproductive Medicine (2018) Smoking and Infertility: A Committee Opinion.(Authors N/A). Fertil Steril. Link
- Ricci, E. et al. (2023) Investigating the Association Between Alcohol Intake and Male Reproductive Function: A
   Current Meta-Analysis. Reprod Biol Endocrinol. Link
- Nosati, L. et al. (2023) Cocaine Effects on Reproductive Behavior and Fertility: An Overview. Vet Sci. Link
- Ryan, K. S. et al. (2021) Effects of Marijuana on Reproductive Health: Preconception and Gestational Effects. Curr Opin Endocrinol Diabetes Obes. <u>Link</u>
- Sansone, A. et al. (2022) Addiction and Human Male Fertility: A Systematic Review and a Critical Appraisal. Andrology. <u>Link</u>
- Dzubay, S. K. et al. (2025) Cannabis Use & Female Infertility: A Cross Sectional Analysis of the National Health and Nutrition Examination Survey, 2013–2018. Ann Epidemiol. <u>Link</u>

- Sciarra, F. et al. (2012) Circadian Rhythms and Fertility. Mol Cell Endocrinol. Link
- Sciarra, F. et al. (2022) The Potential Impacts of Circadian Rhythm Disturbances on Male Fertility. Front Endocrinol. Link
- Semet, M. et al. (2017) The Impact of Drugs on Male Fertility: A Review. Andrology. Link
- ♦ Sharma, R. et al. (2016) Sleep, Circadian Rhythms, and Fertility. Curr Sleep Med Rep. Link
- U.S. Department of Health and Human Services (2004) The Health Consequences of Smoking: A Report of the Surgeon General. (N/A Authors). NCBI. <u>Link</u>
- Wang, Y. et al. (2025) Does Metabolically Unhealthy/Healthy Status Impact IVF Outcomes in Women with Similar Body Mass Index: Evidence from a Large Retrospective Cohort Study. Fertil Steril. Link
- Windham, G. C. et al. (2023) Use of Anabolic-Androgenic Steroids and Male Fertility: A Systematic Review and Meta-Analysis. J Hum Reprod Sci. Link
- ♦ Zhang, et al. (2025) Effects of Marijuana and Tobacco on Male Fertility and Their Relationship to Genetic Variation of Mitochondrial Cytochrome C Oxidase Genes. *Sci Rep*. Link

#### Pharmaceutical & medical interventions

- Busnelli, A. et al. (2023) Recurrent Implantation Failure: A Comprehensive Summary from Etiology to Treatment. Front Endocrinol. Link
- Camilleri, C. et al. (2019) Biological, Behavioral and Physiological Consequences of Drug-Induced Pregnancy Termination at First-Trimester Human Equivalent in an Animal Model. Front Neurosci. Link
- Davies, M. et al. (2024) Effects of Cancer Treatment on Reproductive Health. Reprod Biomed Soc Online. Link
- Drobnis, E.Z. et al. (2017) FDA-Approved Medications That Impair Human Spermatogenesis. Oncotarget. Link
- Gal, B. et al. (2024) The Direct Effect of SARS-CoV-2 Virus Vaccination on Human Ovarian Granulosa Cells Explains Menstrual Irregularities. NPJ Vaccines. Link
- ♦ Logan, S. et al. (2019) Cancer Treatment-Related Infertility: A Critical Review of the Evidence. JNCI Cancer Spectr. Link
- Medical News Today (2023) Which Drugs Can Affect Fertility in Females? (Authors N/A). Medical News Today. Link
- Pironti, C. et al. (2023) The Late Effects of Cancer Treatment on Female Fertility and the Current Status of Fertility
   Preservation A Narrative Review. Life. Link
- Rahmati, M. et al. (2023) Increased Risk of Fetal Loss After COVID-19 Vaccination. *Hum Reprod*. Link
- Román S, Gilthorpe J (2023) The Link Between the Massive Drop in Birth Rates and mRNA Vaccines is Undeniable. Daily Sceptic. Link
- Samplaski, M.K. et al. (2023) The Adverse Effects of Commonly Used Medications on Male Fertility: A Comprehensive Review. Urol Clin North Am. Link

#### Pharmaceutical & medical interventions

- Semet, M. et al. (2017) The Impact of Drugs on Male Fertility: A Review. Andrology. Link
- Svecova, O. et al. (2025) Rates of Successful Conceptions According to COVID-19 Vaccination Status: Data from the Czech Republic. Preprints. <u>Link</u>
- Thorp, J.A. et al. (2023) COVID-19 Vaccines: The Impact on Pregnancy Outcomes and Menstrual Function. JAm Phys Surg. Link
- Thorp, J.A. et al. (2024) Are COVID-19 Vaccines in Pregnancy as Safe and Effective as the U.S. Government, Medical Organizations, and Pharmaceutical Industry Claim? Part II. Preprints. Link
- Unbekoming (2025) The Birth Control Deception: What They Don't Want You to Know. Unbekoming Substack. Link
- VAERS (n.d.) VAERS COVID Vaccine: Reproductive Health Related Reports. OpenVAERS. Link
- Wang, Z. et al. (2020) scRNA-seq Profiling of Human Testes Reveals the Presence of the ACE2 Receptor, A Target for SARS-CoV-2 Infection in Spermatogonia, Leydig and Sertoli Cells. Cells. Link
- Zhang, T. et al. (2023) The Effect of COVID-19 Vaccine on Women's Reproductive Health: A Cross-Sectional Study. Int
   J Womens Health. Link

#### Toxins in the air & environment

- Balcombe, M. (2024) Noise Pollution Can Harm Women's Fertility, Study Finds. Women's Health. Link
- Brehm, E. and Knapke, C. M. (2019) Environmental Contaminants Affecting Fertility and Somatic Health. Semin Reprod Med. Link
- Canipari, R. et al. (2020) Female Fertility and Environmental Pollution. Int J Environ Res Public Health. Link
- Imperial College London (ERG) Fuller, G., Friedman, S., Mudway, I., Greater London Authority, Mills,. I (2023) Impact s of Air Pollution Across the Life Course Evidence Highlight Note. *Imperial College London*. Link
- O'Hare, R. (2023) Review Highlights Lifelong Health Impacts of Air Pollution. (Authors N/A). Imperial College London. Link
- Jo, E.A. et al. (2020) Nighttime Environmental Noise and Semen Quality: A Single Fertility Center Cohort Study. PLoS
   ONE. Link
- Jurewicz, J. et al. (2024) Exposure to Air Pollution and Ovarian Reserve Parameters. Sci Rep. Link
- Knez, J. et al. (2023) Effects of Endocrine Disrupting Compounds on Female Fertility. Best Pract Res Clin Endocrinol Metab. Link
- Li, H. et al. (2025) The Impacts of Noise Pollution on Sperm Quality and The Suggestive Mechanisms. ResearchGate. Link
- Min, K. B. and Min, J. Y. (2017) Exposure to Environmental Noise and Risk for Male Infertility: A Population-Based Cohort Study. Environ Pollut. Link

#### Toxins in the air & environment

- Pandey, P. et al. (2018) Cloud Seeding; Its Prospects and Concerns in the Modern World-A Review. ResearchGate. Link
- Sengupta, P. et al. (2014) Environmental Toxins: Alarming Impacts of Pesticides on Male Fertility. Hum Exp Toxicol. Link
- Sengupta, P. et al. (2020) Impact of Environmental Toxin Exposure on Male Fertility Potential. Transl Androl Urol. Link
- Thacher, J. .D et al. (2024) Long Term Exposure to Road Traffic Noise and Air Pollution and Risk of Infertility in Men and Women: Nationwide Danish Cohort Study. BMJ. Link
- The Guardian (2024) Air Pollution Can Decrease Odds of Live Birth After IVF by 38%, Study Finds. (N/A Authors). The Guardian. Link
- Xue, T. et al. (2024) Reduced Human Fecundity Attributable to Ambient Fine Particles in Low- and Middle-Income Countries. Hum Reprod. Link
- Zheng, P. et al. (2024) Exposure to Environmental Chemicals and Infertility Among US Reproductive-Aged Women. Int
   J Environ Res Public Health. Link

# Contaminants in drinking water

- ♦ Blake, B. E. et al. (2018) Longitudinal Serum Perfluoroalkyl Substance (PFAS) Levels and Measures of Thyroid Hormone, Kidney Function, and Body Mass Index in the Fernald Community Cohort. *Environ Pollut*. Link
- Clausen, H.S. et al. (2020) Association Between Drinking Water Nitrate and Adverse Reproductive Outcomes: A Systematic PRISMA Review. Water. Link
- Clausen, H.S. et al. (2020) Association Between Drinking Water Nitrate and Adverse Reproductive Outcomes: A Systematic PRISMA Review. Water. Link
- Cohen, N. et al. (2023) Exposure to Perfluoroalkyl Substances and Women's Fertility Outcomes in a Singaporean Population-Based Preconception Cohort. Sci Total Environ. Link
- Collier, R. (2012) Swallowing the Pharmaceutical Waters. CMAJ. Link
- Femtech World (2025) Fertility-Linked Chemical Found in Nearly All UK Rivers. (N/A Authors). Femtech World. Link
- ♦ Fluoride Alert (2023) How Can Fluoride Impact Fertility? (N/A Authors). Fluoride Alert. Link
- ♦ Kabir, E. R. et al. (2015) Fluoride-Induced Testicular and Ovarian Toxicity: Evidence from Animal Studies. *Biol Res.* Link
- Kabir, E. R. et al. (2025) Impact of Fluoride Exposure on Reproductive Health: Insights into Molecular Mechanisms and Health Implications. Reprod Toxicol. <u>Link</u>
- Kabir, E. R. et al. (2024) Effects of Fluoride Toxicity on the Male Reproductive System: A Review. J Trace Elem Med Biol. Link

# Contaminants in drinking water

- ♦ Kabir, E. R. et al. (2020) Endocrine Disruptors in Water and Their Effects on the Reproductive System. *Int J Environ Res Public Health*. Link
- OECD (2019) Pharmaceutical Residues in Freshwater: Hazards and Policy Responses. (N/A Authors). OECD Studies on Water. Link
- Mount Sinai (2023) Exposure to Chemicals Found in Everyday Products Is Linked to Significantly Reduced Fertility. (N/A Authors). Mount Sinai. Link
- NIEHS (2023) PFAS Exposure Linked to Reduced Fertility in Women. (N/A Authors). NIEHS. Link
- RSC (n.d.) Cleaning Up UK Drinking Water. (N/A Authors). RSC. Link
- ScienceDaily (2009) Declining Male Fertility Linked to Water Pollution. (N/A Authors). ScienceDaily. Link
- ♦ The Guardian (2023) 'Forever Chemicals' Linked to Infertility in Women, Study Shows. (N/A Authors). *The Guardian*. Link
- Wang, W. et al. (2023) The Effects of Perfluoroalkyl and Polyfluoroalkyl Substances on Female Fertility: A Systematic Review and Meta-Analysis. *Environ Res.* Link
- ETR Labs (2025) 7 Water Contaminants That Could Be Harming Your Fertility. (N/A Author). ETR Labs. Link

# Toxic chemicals in agriculture & farming

- Bellinger, D. et al. (2024) Biosolids and Male Reproduction. Environ Health Perspect. Link
- Cannarella, R. et al. (2023) Endocrine Disrupting Chemicals and Male Fertility: From Physiological to Molecular Effects. Front Public Health. Link
- CASI (2013) GMOs, Diet and Infertility. (N/A Authors). CASI. Link
- Chiu, Y. H. et al. (2018) Association Between Pesticide Residue Intake From Consumption of Fruits and Vegetables and Pregnancy Outcomes Among Women Undergoing Infertility Treatment With Assisted Reproductive Technology. JAMA Intern Med. Link
- Fleetwood, J. (2023) Moderna's Parent Company Now Spraying RNA Into Your Food. Jon Fleetwood Substack. Link
- ♦ Gillezeau, C. et al. (2024) Glyphosate Presence in Human Sperm: First Report and Positive Correlation with Oxidative Stress in an Infertile French Population. *Ecotoxicol Environ Saf*. Link
- GMWatch (2018) Scientists Warn of Toxic Chemical Cocktail Sprayed on Food. (N/A Authors). GMWatch. Link
- ♦ Grantham, J. (2023) Chemical Toxicity and the Baby Bust. GMO. Link
- Gul, M. et al. (2023) The Environmental and Occupational Influence of Pesticides on Male Fertility: A Systematic Review
  of Human Studies. Andrology. Link
- Ingaramo, P. et al. (2020) Are Glyphosate and Glyphosate-Based Herbicides Endocrine Disruptors That Alter Female Fertility? *Mol Cell Endocrinol*. Link
- Ingaramo, P. et al. (2025) Re-Evaluating the Use of Glyphosate-Based Herbicides: Implications On Fertility. Reprod Sci. Link

# Toxic chemicals in agriculture & farming

- Liu, J. et al. (2023) Effects of Dichlorodiphenyltrichloroethane on the Female Reproductive Tract Leading to Infertility and Cancer: Systematic Search and Review. *J Clin Med*. Link
- Liu, W. et al. (2023) Fertility Loss: Negative Effects of Environmental Toxicants on Oogenesis. Environ Pollut. Link
- McCarthy, M. et al. (2023) Emerging Environmental Health Risks Associated with the Land Application of Biosolids: A Scoping Review. Environ Health. Link
- Mesnage, R. et al. (2021) Glyphosate Herbicide: Reproductive Outcomes and Multigenerational Effects. Front Microbiol. Link
- Perro, M. (2018) Pesticides in Foods Can Harm Human Fertility. GMO Science. Link
- Nodriguez, H. (2020) Research Indicates That GMO Could Be a Cause of Infertility. Natural Fertility Info. Link
- ♦ PAN UK (2023) 'Forever Chemicals' Found in UK Food. (N/A Authors). PAN UK. Link
- Swan, S.H. et al. (2018) The Effect of Glyphosate on Human Sperm Motility and Sperm DNA Fragmentation. Int J Environ Res Public Health. Link
- The Guardian (2019) Biosolids: Mix Human Waste with Toxic Chemicals, Then Spread on Crops. (N/A Authors). The Guardian. Link
- USRTK (2024) Glyphosate Poses Widespread Risks to Female Fertility and Reproductive Health: New Research. (N/A Authors). USRTK. Link
- Zhang, Q. et al. (2022) Evaluation of Adverse Effects/Events of Genetically Modified Food Consumption: A Systematic Review of Animal and Human Studies. *Environ Sci Eur*. Link

#### **REFERENCES 10:**

# Toxic chemicals in livestock food production

- Adeyemi, J.A. (2024) Chemical Contaminants and Environmental Stressors Induced Teratogenic Effect in Aquatic Ecosystem – A Comprehensive Review. Mar Pollut Bull. <u>Link</u>
- Akter, S. (2023) A Review on the Fate, Human Health and Environmental Impacts, as Well as Regulation of Antibiotics Used in Aquaculture. Aquacult Int. Link
- Aliko, V., Qirjo, M. (2022) Endocrine-Disrupting Compounds (EDCs) as Emerging Aquatic Contaminants: Emphasis on Reproduction and Development. Springer. <u>Link</u>
- Aliko, V., Qirjo, M. (2021) Endocrine-Disrupting Compounds in Aquatic Ecosystem: An Emerging Threat to Wildlife and Human Health. J Inst Eng India Ser D. Link
- ♦ Food Safety Commission of Japan (2024) 3-Nitrooxypropanol (Feed Additives) (Authors N/A). Food Safety. Link
- ♦ Jeong, S.H. et al. (2010) Risk Assessment of Growth Hormones and Antimicrobial Residues in Meat. *Toxicol Res.* Link
- Kamaly, H.F., Sharkawy, A.A. (2023) Hormonal Residues in Chicken and Cattle Meat: A Risk Threat the Present and Future Consumer Health. Food Chem Toxicol. Link
- Laranja, J.L.Q., Amarasinghe, U.S. (2018) A Review on the Use of Hormones in Fish Farming: Analytical Methods to Determine Their Residues. *Aquacult Int*. Link
- Ma, F., Xu, S., Tang, Z., Li, Z., Zhang, L. (2021) Occurrence and Sources of Hormones in Water Resources Environmental and Health Impact. Sustain Sci. Link

#### **REFERENCES 10:**

# Toxic chemicals in livestock food production

- Ma, F., Xu, S., Tang, Z., Li, Z., Zhang, L. (2021) Unpacking Factors Influencing Antimicrobial Use in Global Aquaculture and Their Implication for Management: A Review from a Systems Perspective. Sustain Sci. Link
- Magnusson, U. (2022) Antimicrobial Use and Resistance in Food-Producing Animals How Can We Protect the Efficacy of Antibiotics for Reproductive Diseases?. Reprod Domest Anim. Link
- Malekinejad, H., Rezabakhsh, A. (2015) Hormones in Dairy Foods and Their Impact on Public Health A Narrative Review Article. Iran J Public Health. Link
- Roth, Z., Komsky-Elbaz, A., Kalo, D. (2020) Effect of Environmental Contamination on Female and Male Gametes A
   Lesson from Bovines. Reprod Domest Anim. Link
- Schram, M.D., Peterson, B.C., Bosworth, B.G., Beck, B.H. (2023) Reproductive Sterility in Aquaculture: A Review of Induction Methods and an Emerging Approach with Application to Pacific Northwest Finfish Species. Rev Aquacult. Link
- Senthil, R., Singh, R., Kumar, S., Singh, D.P. (2024) Dietary Exposure to Pesticide and Veterinary Drug Residues and Their Effects on Human Fertility and Embryo Development: A Global Overview. Int J Mol Sci. Link
- van der Fels-Klerx, H.J. et al. (2017) Chemical and Physical Hazards in the Egg Production Chain in the Netherlands. RIKILT Wageningen University & Research. Link

#### **REFERENCES 11:**

# Toxins in food processing, storage & preparation

- ♦ Abdollahi, M. et al. (2023) The Impact of Non-Caloric Artificial Sweetener Aspartame on Female Reproductive System in Mice Model. *Reprod Biol Endocrinol*. Link
- Afeiche, M.C. et al. (2024) Consumption of Ultra-Processed Foods and Semen Quality in Healthy Young Men Living in Italy. Nutrients. Link
- ♦ Al-Dhabaan, A.A. et al. (2023) Synthetic Food Dyes Cause Testicular Damage via Up-Regulation of Pro-Inflammatory Cytokines and Down-Regulation of FSH-R and TESK-1 Gene Expression. *Food Sci Nutr.* Link
- Cariati, F. et al. (2019) "Bisphenol A: An Emerging Threat to Male Fertility". Reprod Biol Endocrinol. Link
- Chianese, R. et al. (2022) Aspartame Consumption, Mitochondrial Disorder-Induced Impaired Ovarian Function, and Infertility Risk. Int J Mol Sci. Link
- Chianese, R. et al. (2022) The Impact of Non-Caloric Sweeteners on Male Fertility: A Systematic Review and Narrative Synthesis in Rodent Models. *Nutrients*. Link
- Encarnação, S. et al. (2025) Consumption of Ultra-Processed Foods and Female Infertility: A Cross-Sectional Study. Front Public Health. Link
- Fazelian-Dehkordi, K. et al. (2025) The Role of Food Additives in Reproductive Endocrine Disruption: A Revised Perspective. ResearchGate. Link
- Kamali, K. et al. (2024) Association Between Ultra-Processed Foods and Female Infertility: A Large Cross-Sectional Study. Front Nutr. Link

#### **REFERENCES 11:**

# Toxins in food processing, storage & preparation

- Knapke, C.M. et al. (2024) The Impact of Minerals on Female Fertility: A Systematic Review. Front Endocrinol. Link
- Knoblauch, J. A. (2007) Some Food Additives Mimic Human Hormones. Scientific American. Link
- Lestari, P. (2020) Effect of Ingested Foods Preheated (With Microwave) in Plastic Containers on the Reproductive Profile
  of Male Albino Rats. J Adv Med Med Res. Link
- Mitsunami, M. et al. (2024) The Association Between Consumption of Ultra-Processed Foods and Sperm Quality Parameters: A Cross-Sectional Study. ResearchGate. <u>Link</u>
- Rickard, B.P. et al. (2017) Selected Nutrient Analyses of Fresh, Fresh-Stored, and Frozen Fruits and Vegetables. J Sci Food Agric. Link
- Sifakis, S. et al. (2023) Adverse Effects of Microplastics and Nanoplastics on the Reproductive System: A Comprehensive Review of Fertility and Potential Harmful Interactions. Sci Total Environ. Link
- Smith, E. (2023) Everything You Need to Know About Apeel. Wicked Leeks. Link
- Velez, M.P. et al. (2024) Ultra-Processed Food Consumption and Semen Quality Parameters in the Led-Fertyl Study. Hum Reprod. Link
- Wise, S. (2023) Is Apeel Appealing? Weston A. Price Foundation. Link
- Yousuf, S. et al. (2025) Unraveling Connections with Artificial Sweeteners and Their Impact on Human Health: A Comprehensive Review. Food Sci Nutr. Link

#### **REFERENCES 12:**

### Toxic EMF 'pollution' & 5G exposure

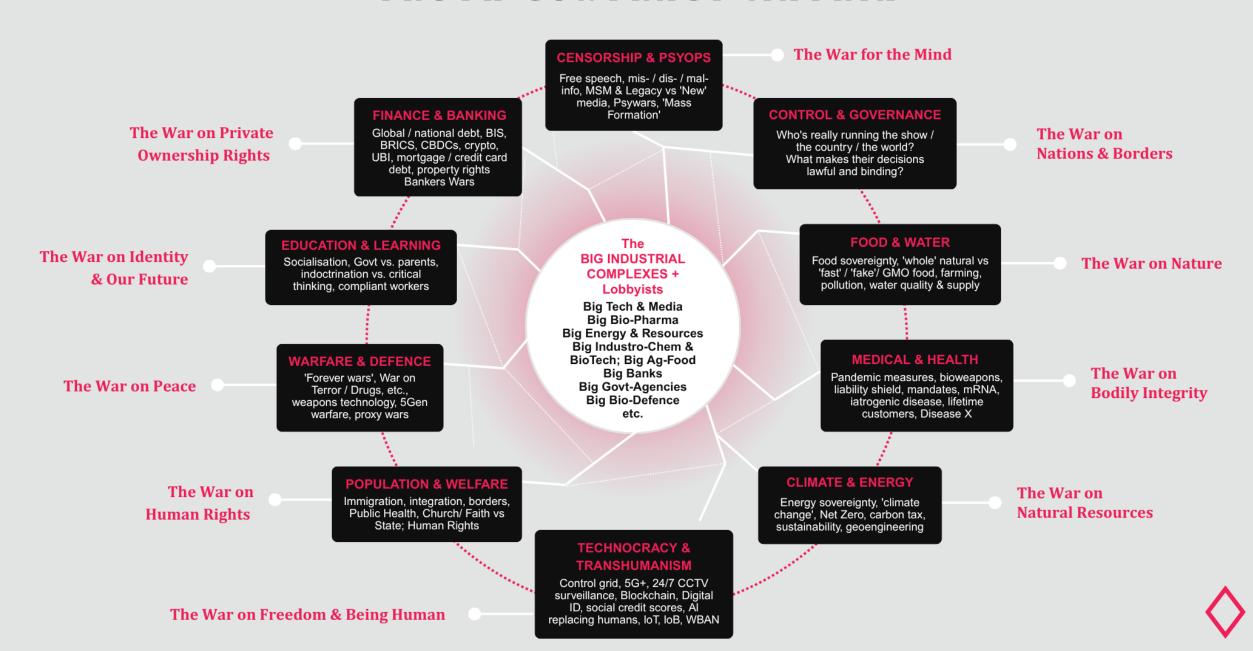
- Adams, J. A. et al. (2014) Effect of Mobile Telephones on Sperm Quality: A Systematic Review and Meta-Analysis.
   Environ Int. Link
- Agarwal, A. et al. (2011) Effects of the Exposure to Mobile Phones on Male Reproduction: A Review of the Literature. J Androl. Link
- Environmental Health Trust (2023) High Cell Phone Use May Impact Sperm Count, Study Says. (N/A Authors).
   EHT. Link
- Environmental Health Trust (2022) Recent Studies Show Wireless Radiation Impacts Fertility. (N/A Authors). EHT. Link
- Oholami, D. et al. (2021) The Impact of Radiofrequency Waves on Male Infertility: A Systematic Review. Shiraz E-Med J. Link
- ♦ Vogel, K. (2023) High Cellphone Use Linked to Decline in Semen Quality, Study Finds. (N/A Authors). *Health*. Link
- Houston, B.J. et al. (2021) Male Cellular Telephone Exposure, Fecundability, and Semen Quality: Results from Two Preconception Cohort Studies. Hum Reprod. Link
- Ramkhelawon, L. (2022) Exposure to WiFi Reduces Sperm Motility and Viability in the Lab. IVF.net. Link
- Jain, M. et al. (2023) Adverse Effects of Wi-Fi Radiation on Male Reproductive System: A Systematic Review. Tohoku J Exp Med. Link
- ♦ Kamali, K. et al. (2017) Human Microchipping: Yes or NO? ResearchGate. Link
- Okechukwu, C. E. (2020) Does the Use of Mobile Phone Affect Male Fertility? A Mini-Review. J Hum Reprod Sci. Link

#### **REFERENCES 12:**

## Toxic EMF 'pollution' & 5G exposure

- Okechukwu, C. E. (2020) Does the Use of Mobile Phone Affect Male Fertility? A Mini-Review. J Hum Reprod Sci. Link
- Royal Australian College of General Practitioners (2021) Can Wi-Fi Devices Affect Male Fertility? (N/A Authors).
  RACGP. Link
- Shahin, S. et al. (2015) Effects of Wi-Fi (2.45 GHz) Exposure on Apoptosis, Sperm Parameters and Testicular Histomorphometry in Rats: A Time Course Study. Cell J. Link
- Wang, Z. et al. (2024) Effect of Mobile Telephones on Sperm Quality: A Systematic Review and Meta-Analysis. Front Reprod Health. Link
- Yu, G. et al. (2022) Effects of Mobile Phone Use on Semen Parameters: A Cross-Sectional Study of 1634 Men in China. Reprod Fertil Dev. Link
- Zunzunegui, V. et al. (1997) Time Enough Consequences of Human Microchip Implantation. Risk. Link
- Zunzunegui, V. et al. (1997) Is Microchipping Humans Safe? Dr Phil. YouTube. Link

# TRUTH CONTRACT MATRIX



#### T H E

# TRUTH CONTRACT



The Truth Contract (TTC) is a platform connecting caring, independent minds and critical thinkers – offering expert insights beyond the mainstream to empower informed decisions, present-time action and real-world solutions.

David CM Carter CO-FOUNDER

david@thetruthcontract.co.uk
www.thetruthcontract.co.uk
thetruthcontract.substack.com