

The background of the main text area is a vibrant farm scene. On the left, a brown cow stands in a lush green field. On the right, a brown chicken is visible among a field of colorful flowers, including yellow and red blooms. The sky is a soft, hazy orange, suggesting a sunrise or sunset.

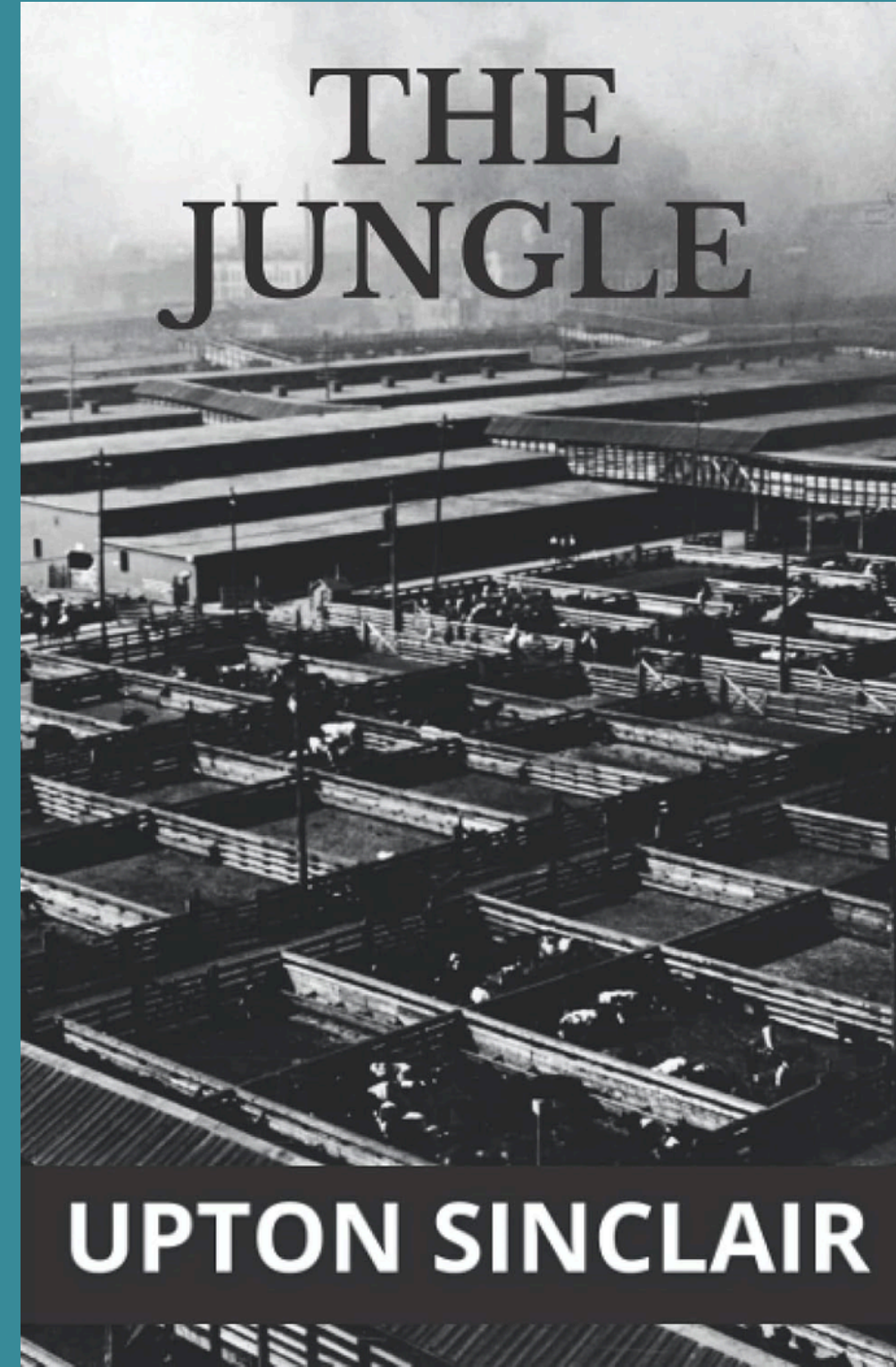
Attack on Food and Farmers and How to Fight Back

Online **September 6 - 7, 2024**

(it will remain available on our channels)

11am-7 pm EDT / 8am-4pm PT / 3pm-11pm GMT

THE JUNGLE



UPTON SINCLAIR

GMO Science
educate to regenerate

Formula for Change: Unveiling the Truth and Necessity of Cleaning Up Infant Formula

Michelle Perro, MD, DHom

2024

Agenda:

Key concepts

- A brief history of infant formula
- The present status of formulas
- Who's responsible for quality products?
- Our research
- Artificial breastmilk: Boon or bust?
- Solutions



A Brief History...

- Wet nurses have historical roots dating back to 2,000 BC til the 20th C. (PMID: 20190854)
- Wet nursing was a profession feeding babies up to 3 yrs until the feeding bottle was introduced in the 19th C.
- *The Treatise on Children*, published in 1577, promoted mothers; a better choice than wet nurses.
- By 1900, with the advancement of animals' milk, wet nursing was abandoned.

A Brief History...

- Artificial feedings also dates back thousands of years BC. (PMID: 13041294)
- During the Industrial Revolution, the concept of a hygienic feeding bottle was introduced. However, the lack of proper milk storage and sterilization - 1/3 of artificially fed infants died.
- Animals' milk dates back to 2,000 BC: Goats, sheep, donkeys, camels, pigs, or horses. Most accepted - cows milk.
- Chemist Justus von Liebig developed the first infant food in liquid and powder in 1865 - cow's milk, wheat and malt flour, and potassium bicarbonate.

The Evolution of Baby Bottles

baby brezza
natural bottles



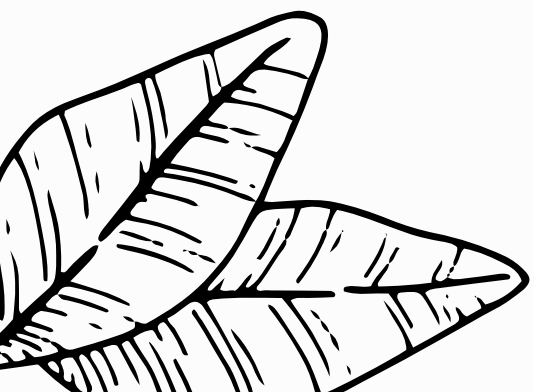


The Present Status of Infant Formula

- The FDA has strict rules and regulations regarding production and imports.
- Four major US producers: Abbott (Similac), Nestle (Gerber), Mead Johnson (Enfamil), and Perrigo (generic formulas)
- >50 brands in the US; retailers have stepped into the ring: Costco, Amazon, Target
- Corporate consolidation of the formula industry led to shortages

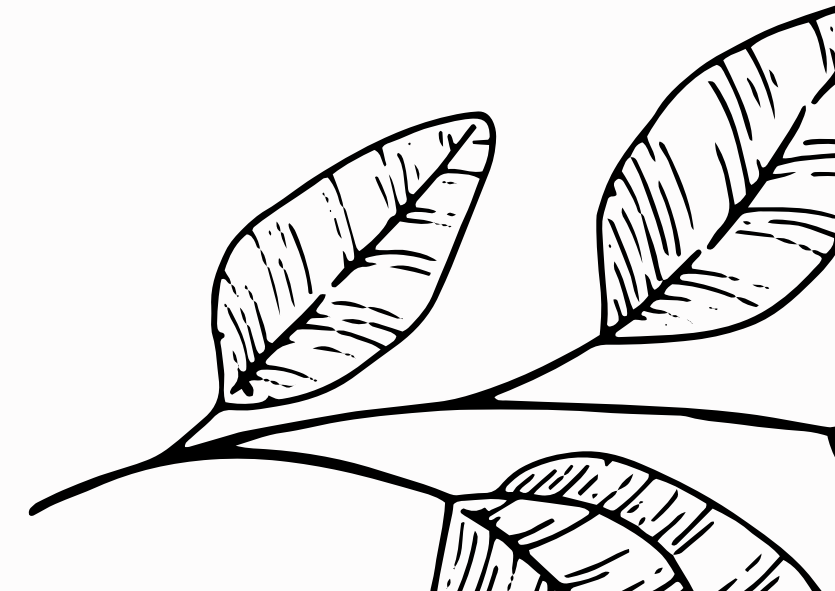
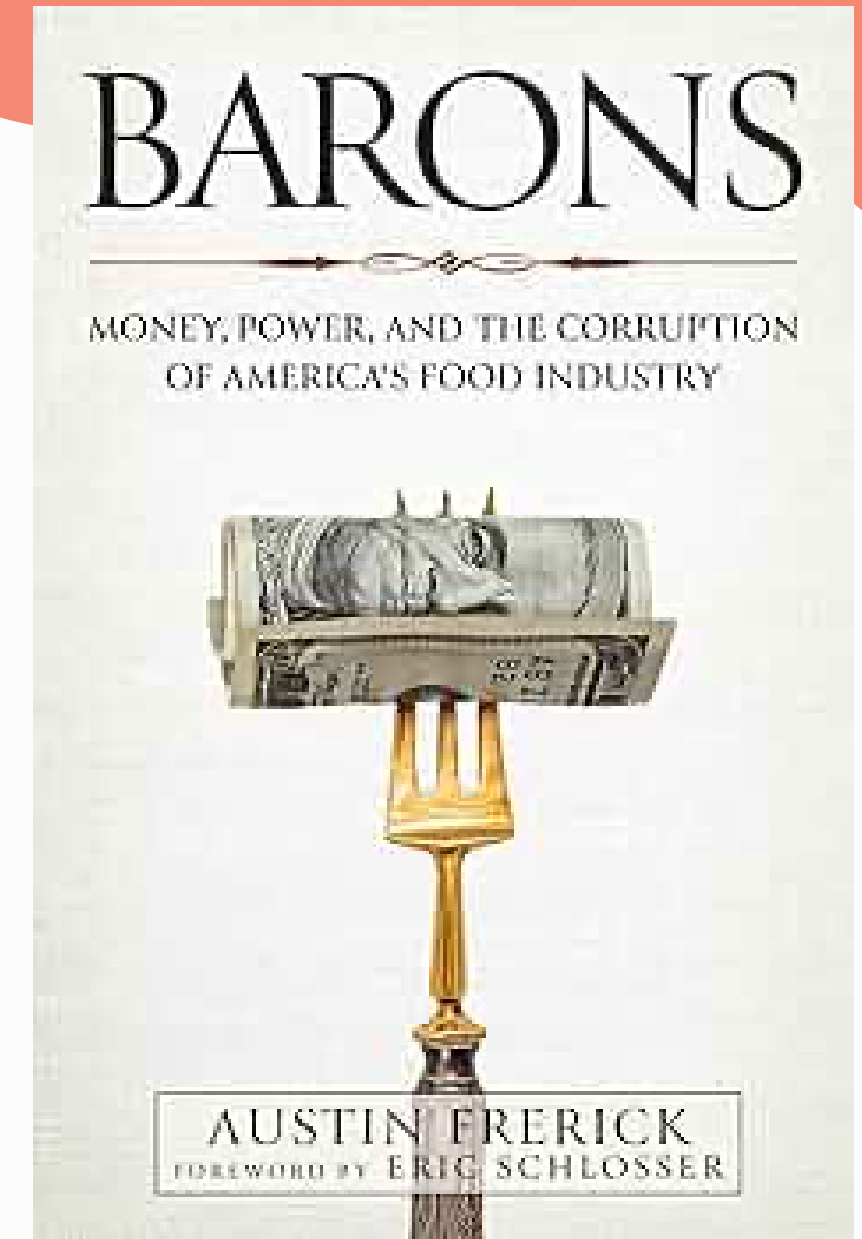


Michael Pollan and Eric Schlosser



Who's Responsible?

- Competitive markets or corporate socialism?
- “Barons” – food industry takeover by Austin Frerick.
- Consolidation of the market – oligopoly
- 2021: Abbott shut down one factory – US lost 20% of its capacity to make infant formula.
- Whistleblower sent FDA a memo regarding contaminated infant formula – no action.
- 60 y/o equipment, water leaks, food safety lapses: Running a factory unchecked: “The Jungle”.



August 9, 2024

After Baby's Death, Kentucky Parents Sue Infant Formula Maker at Center of 2022 Crisis

AP News reported:

The parents of a Kentucky baby who **died last fall** after drinking bacteria-tainted infant formula are the latest to sue **Abbott Nutrition**, the manufacturer at the heart of a 2022 crisis that left millions of Americans **scrambling to feed their children**.

Willow Jade Dellaquila, of Carrollton, Kentucky, was 13 days old when she died on Nov. 5, 2023. She was infected with **cronobacter sakazakii**, a dangerous germ traced to a can of Similac Total Comfort powdered formula used in the baby's bottles, records show.

"They told me she had a stroke on her right side of the brain," Cheyenne Ping, Willow's 25-year-old mother, said in an interview. "It's really heartbreaking. No one should have to go through this."



Full List of Right To Know Opponents



No. Donor	No On 37	No on 522	No on 92	No on 105
Nestle USA	\$1,461,600	\$1,528,206	–	–
Mead Johnson Nutrition Company	\$80,000	–	\$50,000	\$50,000
Abbott Nutrition	\$334,500	\$185,025	\$160,000	\$190,000

organiclifestylemagazine.com/grocery-manufacturers-association-leading-opponents-of-gmo-labeling

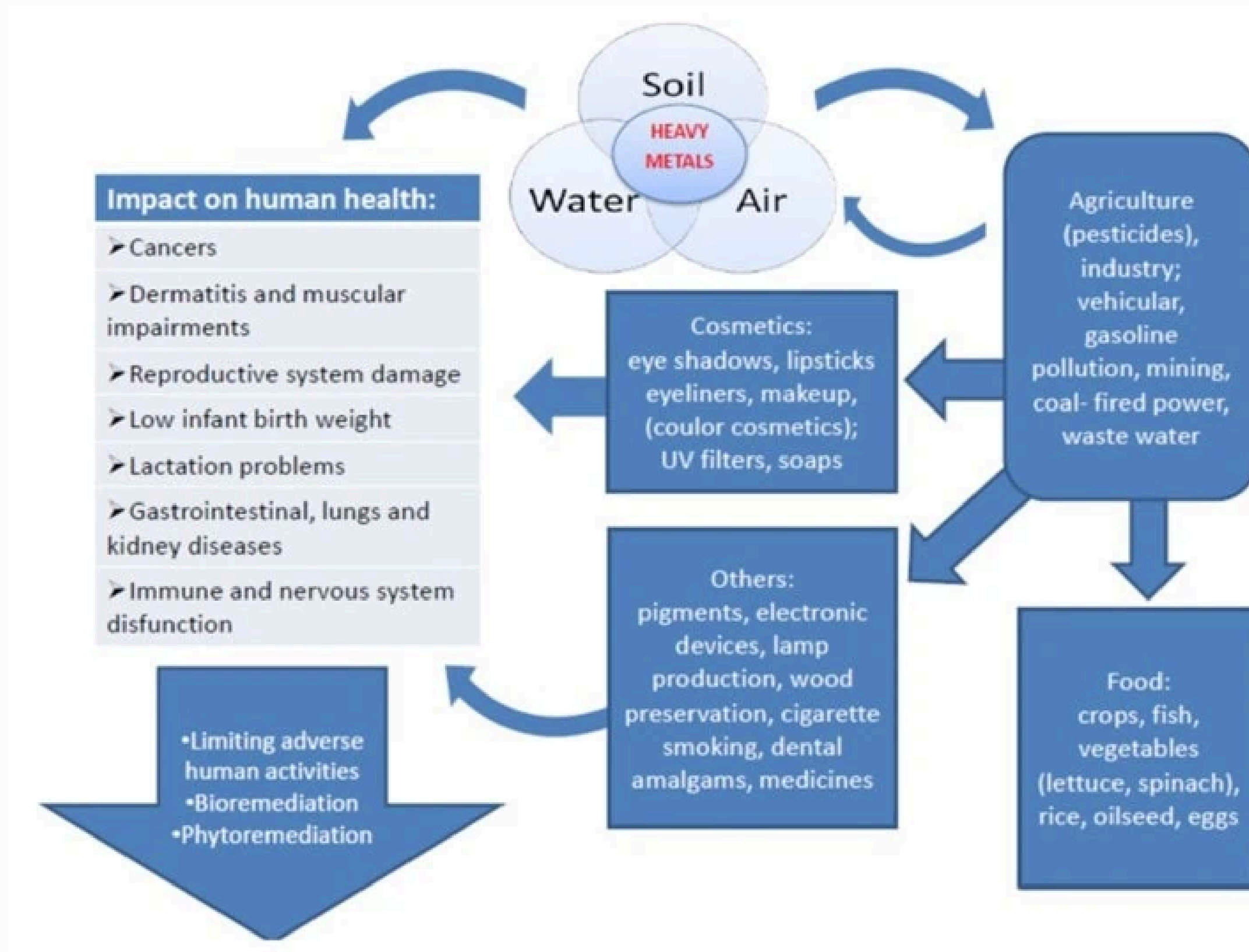


Our Research: Toxic Metals in Infant Formula

- Dose does NOT make the poison
- Not all metals are toxic: Biologic metals - sodium, potassium, magnesium, calcium, etc.
- Biologic metals need to be in balance - zinc, copper, iron, manganese, etc.
- “Heavy metal” refers to the density or weight of the metal - toxic to living organisms - mercury, cadmium, lead, etc.
- Metalloid - a mixture of metals and nonmetals - arsenic
- Toxic metals - aluminum
- Combinations produce negative synergistic effects impacting leaky biologic barriers.



Where Do the Toxic Metals Come From?



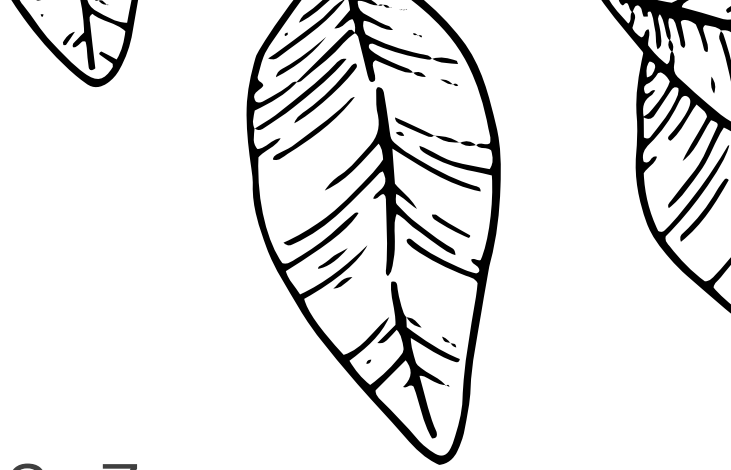
- Toxic metals enter the body through the GI tract, skin, or via inhalation
- Cause DNA damage
- Disrupt protein function
- Disrupt enzyme function
- Cumulative effects over time for all biologic systems



The most common way of poisoning and intake of toxic metals is the daily consumption of contaminated food. Formula fed infants do not have a choice.

What We Found:

- 40 infant formulas, 2 of each dry powder, were studied by The New MDS: Zen Honeycutt, Dr. Michelle Perro and Dr. Stephanie Seneff.
(<https://gmoscience.org/the-new-mds/>)
- **Aluminum** detected in 100% of the samples, 1.61 ppm to 41 ppm.
- **Lead** present in 100% of the samples franging from 0.208 ppb to 8.36 ppb.
- **Arsenic** – 57%, **cadmium** – 35%, and **mercury** – 55% detected.
- Levels of **mercury** in 4 samples measured above the limit allowed by the FDA in drinking water
- Levels of **cadmium** in both samples of one formula were ~ twice the level allowed in drinking water
- Hypoallergenic formulas had low toxic metal amounts
- 6 of the formulas were positive for all 5 toxic metals





“There were no common ingredients to explain any of the elevated levels except for corn syrup solids and vegetable oils.”



**100% of the 40
infant formulas
tested were
positive for
aluminum and
lead**



Copyrighted Material
A FORMER FDA INVESTIGATOR REVEALS HOW HEAVY METALS
FOUND IN OUR FOODS ENDANGER YOU AND YOUR FAMILY,
AND WHAT YOU NEED TO KNOW TO SURVIVE AND THRIVE

UNSAFE AT ANY MEAL

What the FDA Does Not Want You
To Know About the Foods You Eat

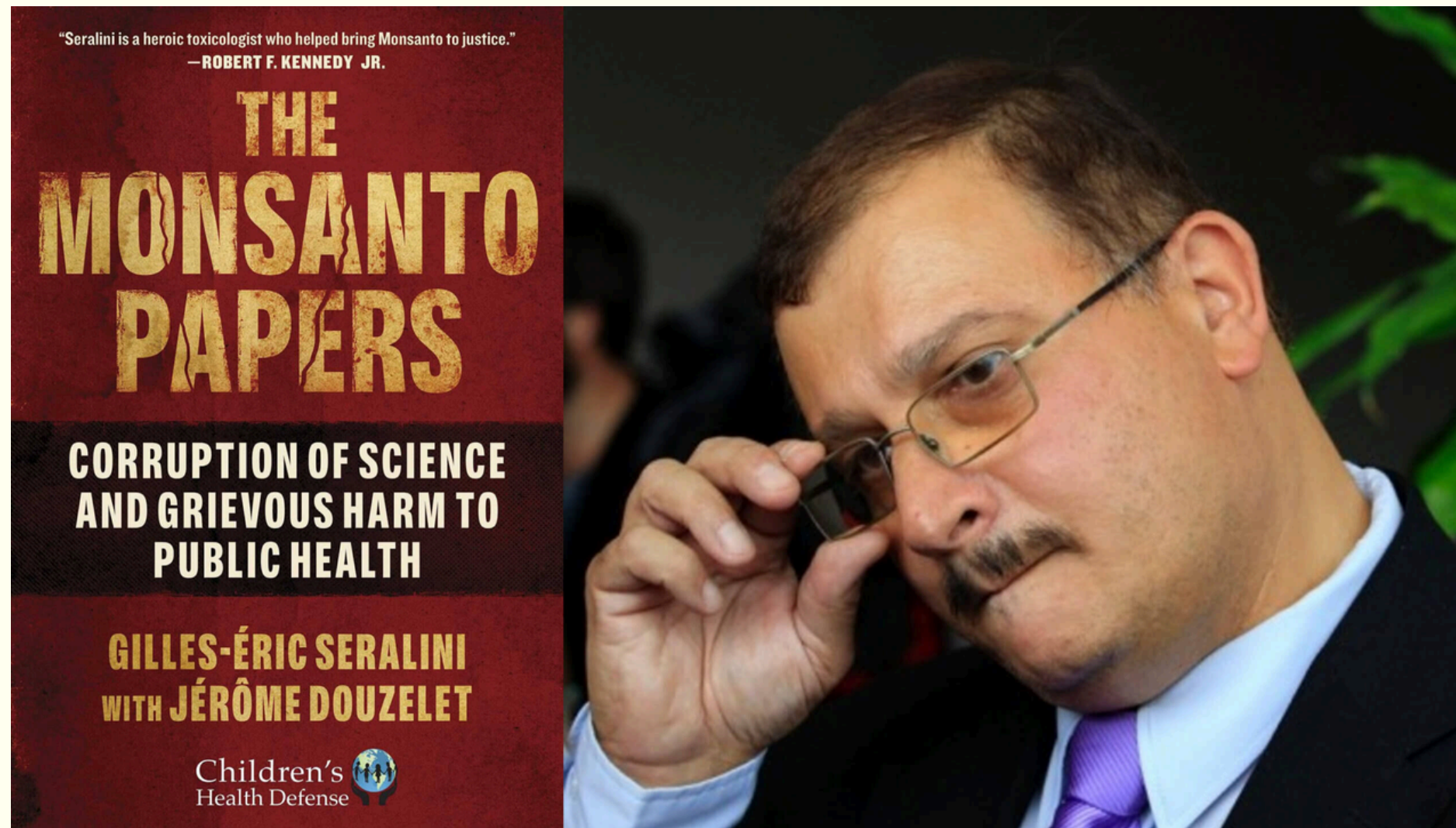


DR. RENEE JOY DUFAULT

Copyrighted Material

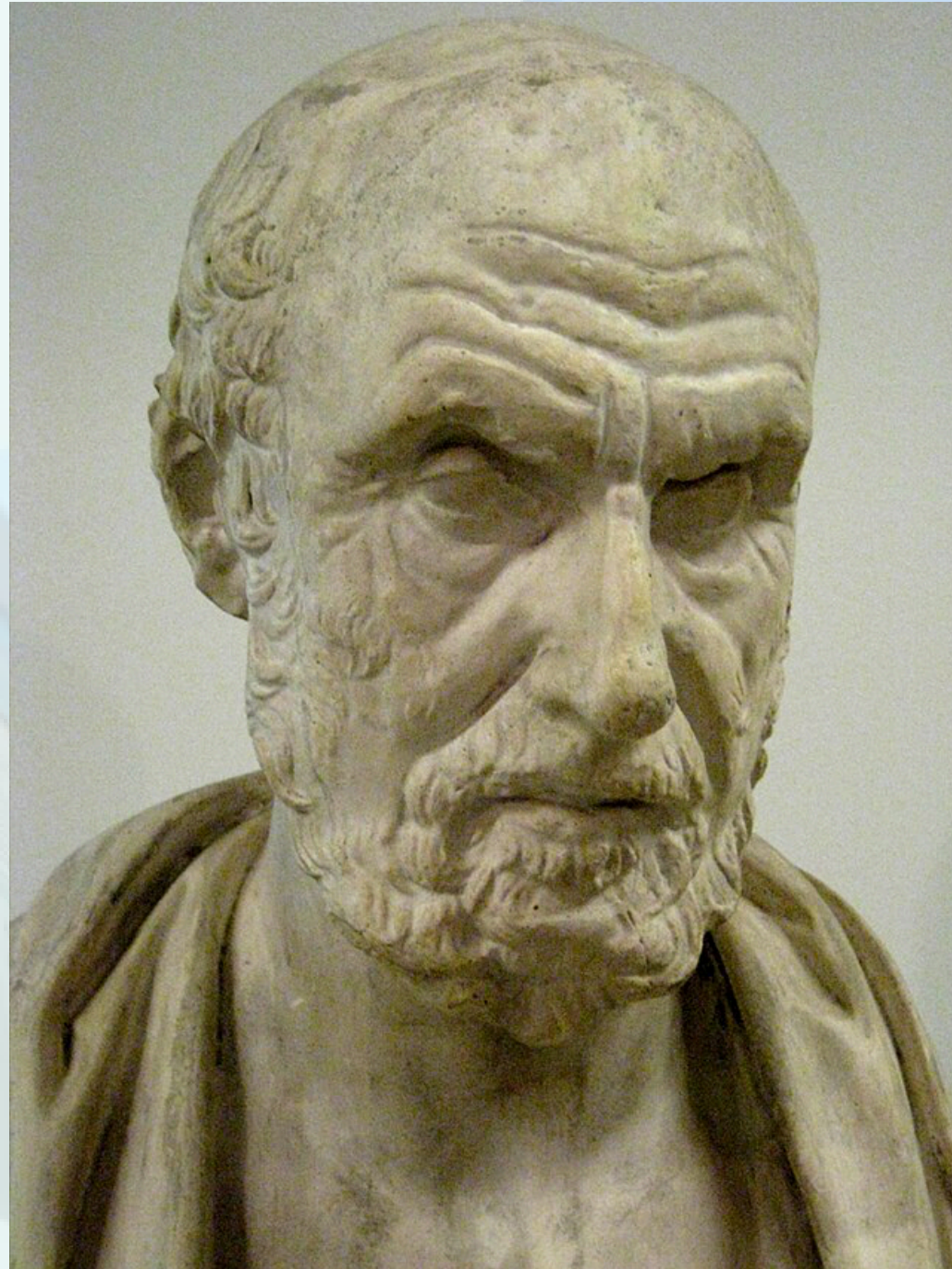
HFCS

- Dr. Dufault, FDA whistleblower/US Public Health Service Officer
- Found undisclosed mercury residues in HFCS
- FDA commanded her to stop her investigation
- Manufacturers are not required to report heavy meals to regulators.
- Oct. 23, Newsom signed AB-899 that requires manufacturers to test for arsenic, cadmium, lead, and mercury in finished baby foods
- Baby food does not include infant formula

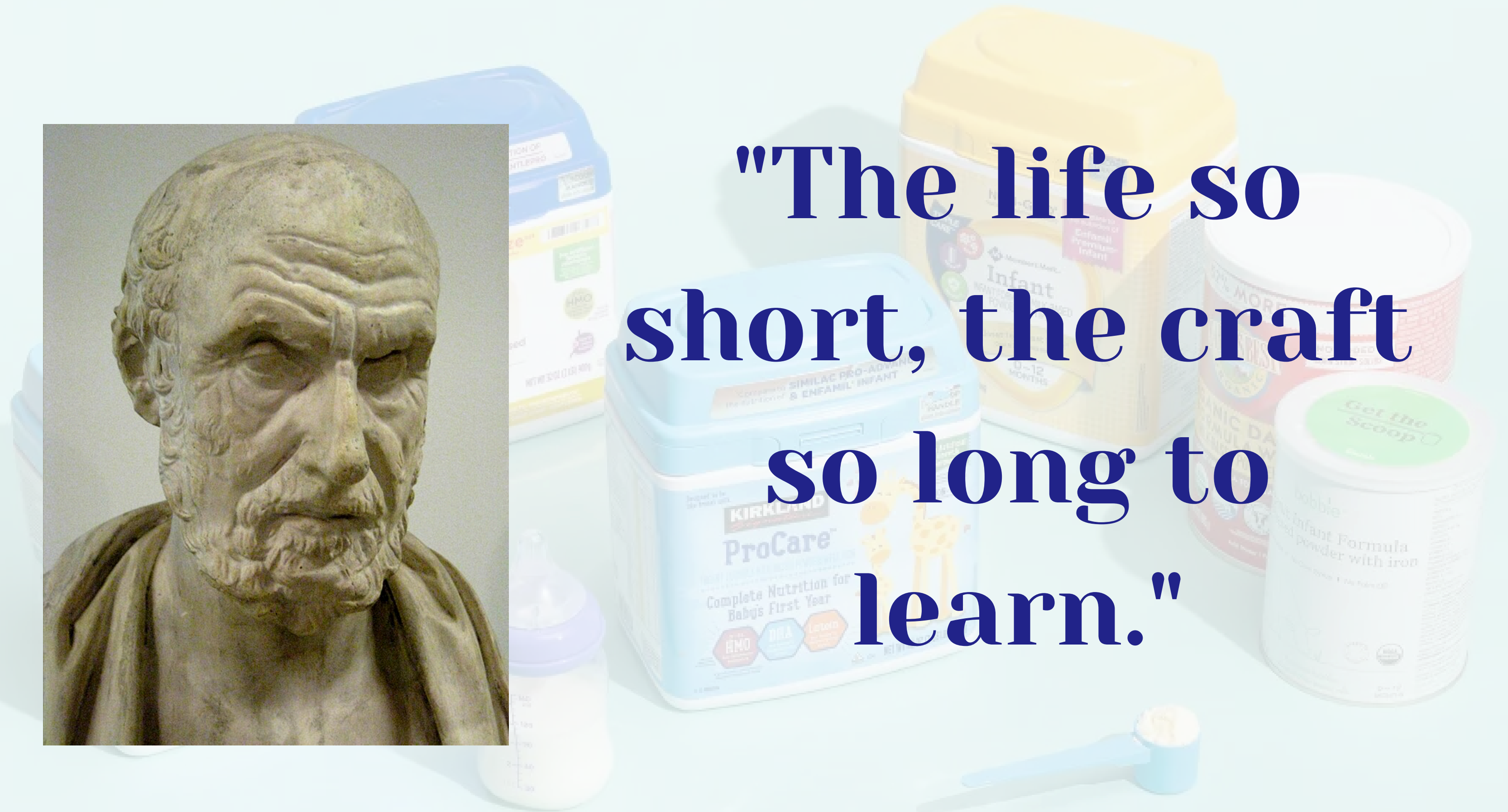


“We have identified heavy metals and petroleum residues 6600 times more dangerous in conventional food than in equivalent organic products in Europe due to pesticides.”





**"The life so
short, the craft
so long to
learn."**



What We Did...

- Reported our findings on websites, social media, podcasts, etc.
- Met with the FDA and submitted our findings
- Wrote petitions
- Contacted formula companies
- Met with moms
- <https://thehighwire.com/ark-videos/unsafe-start-heavy-metals-found-in-baby-formula/>

UNSAFE START: HEAVY METALS FOUND IN BABY FORMULA





What The FDA Did/Has Done...

- In July 2022, the FDA published their **Total Diet Study (TDS)**, a program launched in 1962 (to monitor for the radioactive contamination of foods).
- Study monitors levels of nutrients and contaminants
- 910 substances were tested for biologic minerals and heavy metals (arsenic, cadmium, lead, mercury, nickel, strontium, and uranium).

[Front Nutr.](#) 2022; 9: 919913.

Published online 2022 Jun 27. doi: [10.3389/fnut.2022.919913](https://doi.org/10.3389/fnut.2022.919913)

PMCID: PMC9271943

PMID: [35832055](https://pubmed.ncbi.nlm.nih.gov/35832055/)

A Narrative Review of Toxic Heavy Metal Content of Infant and Toddler Foods and Evaluation of United States Policy

[Emily C. Bair](#)^{✉*}

Negative effects:

- Carcinogenic
- Developmental toxicity
- Reproductive toxicity
- Neurotoxic
- Lower IQ
- Nephrotoxic
- All biologic systems are affected; the most severe are the CNS and cognitive development

Babies are at risk:

- Immature development
- Ineffective detoxification pathways
- High “food intake/body weight” ratio



What The FDA Did/Has Done...



My analysis conducted on 910 substances reported in the study pertaining to infant formula revealed findings from four samples:

- Sample #734, representing an unidentified brand of milk-based, powdered infant formula prepared with water, exhibited no presence of heavy metals.
- Similarly, Sample #735, representing a soy-based, powdered infant formula prepared with water, also displayed no detectable heavy metals.
- However, Sample #767, attributed to another unidentified brand of milk-based powdered formula without added water, indicated the presence of arsenic, cadmium, lead, and uranium.
- Likewise, Sample #768, representing an unidentified soy-based powdered infant formula without added water, demonstrated the presence of arsenic, cadmium, and uranium.

What The FDA Did/Has Done...

Food Number	TDS Food Description	Number of Samples	Analyte (units)	Number of Detects	Number of Non-detects	Mean Conc.	Std. Dev.	Min. Conc.	Max. Conc.	Reporting Limit
767	BF, infant formula, milk-based, powdered	2	Arsenic (total), As (ppb)	1	1	1.8	2.5	ND	3.6	3
			Cadmium, Cd (ppb)	2	0	1.5	0.21	1.3	1.6	1
			Calcium, Ca (ppm)	2	0	4750	71	4700	4800	5
			Chromium, Cr (ppb)	0	2	N/A	N/A	ND	ND	50
			Copper, Cu (ppb)	2	0	5000	0	5000	5000	200
			Iodine, I (ppb)	2	0	1150	212	1000	1300	25
			Iron, Fe (ppb)	2	0	94500	7778	89000	100000	750
			Lead, Pb (ppb)	1	1	5.0	7.1	ND	10	4
			Magnesium, Mg (ppm)	2	0	475	7.1	470	480	5
			Manganese, Mn (ppb)	2	0	820	141	720	920	100
			Mercury, Hg (ppb)	0	2	N/A	N/A	ND	ND	1
			Molybdenum, Mo (ppb)	2	0	190	0	190	190	30
			Nickel, Ni (ppb)	1	1	29	40	ND	57	40
			Phosphorus, P (ppm)	2	0	2750	71	2700	2800	10
			Potassium, K (ppm)	2	0	7100	0	7100	7100	10
			Selenium, Se (ppb)	2	0	230	14	220	240	10
			Sodium, Na (ppm)	2	0	1500	0	1500	1500	10
			Strontium, Sr (ppb)	2	0	2850	71	2800	2900	100
			Uranium, U (ppb)	2	0	4.0	1.2	3.1	4.8	1
			Vanadium, V (ppb)	0	2	N/A	N/A	ND	ND	10
Zinc, Zn (ppb)	2	0	53500	707	53000	54000	200			

The Babyfood Safety Act

Summary: H.R.2229 — 117th Congress (2021-2022)

[All Information](#) (Except Text)



There is one summary for H.R.2229. [Bill summaries](#) are authored by [CRS](#).

Shown Here:

Introduced in House (03/26/2021)

Baby Food Safety Act of 2021

This bill imposes certain safety requirements on infant and toddler food.

The bill establishes maximum levels of certain toxic elements (cadmium, and lead, mercury, and inorganic arsenic) allowable in infant and toddler food, defined as food intended to be sold for children up to 36 months old.

The Food and Drug Administration (FDA) shall periodically review and, if necessary, further lower these levels. The FDA may also establish limits on other toxic elements upon review of relevant health and dietary data.

Furthermore, facilities that manufacture, process, pack, or hold infant and toddler food must have certain controls and plans to ensure that their food complies with the limits on toxic elements established by this bill. Such facilities shall also make publicly available certain information, including results from tests for toxic elements in their infant and toddler foods.

The bill also expands the FDA's authority to require a recall of adulterated or misbranded food to include infant and toddler food that exceeds limits on toxic elements.

The Centers for Disease Control shall carry out a public awareness campaign about the risks of toxic elements in infant and toddler food.

The FDA shall commission research on agricultural methods that minimize levels of toxic heavy metals in crops.

**Preemptions?
Infant formula included?**

EPA: The Toxic Substances Control Act

15 U.S.C. §2601 et seq. (1976, 2016)

The TSCA provides the EPA with authority to require reporting, record-keeping, and testing requirements, and restrictions relating to chemical substances and/or mixtures. Certain substances are generally excluded from TSCA, including, among others, food, drugs, cosmetics, and pesticides.

Exposure routes and health effects of heavy metals on children

Muwaffak Al Osman¹, Fei Yang^{2 3 4}, Isaac Yaw Massey¹

Affiliations + expand

PMID: 30941546 DOI: [10.1007/s10534-019-00193-5](https://doi.org/10.1007/s10534-019-00193-5)

Abstract

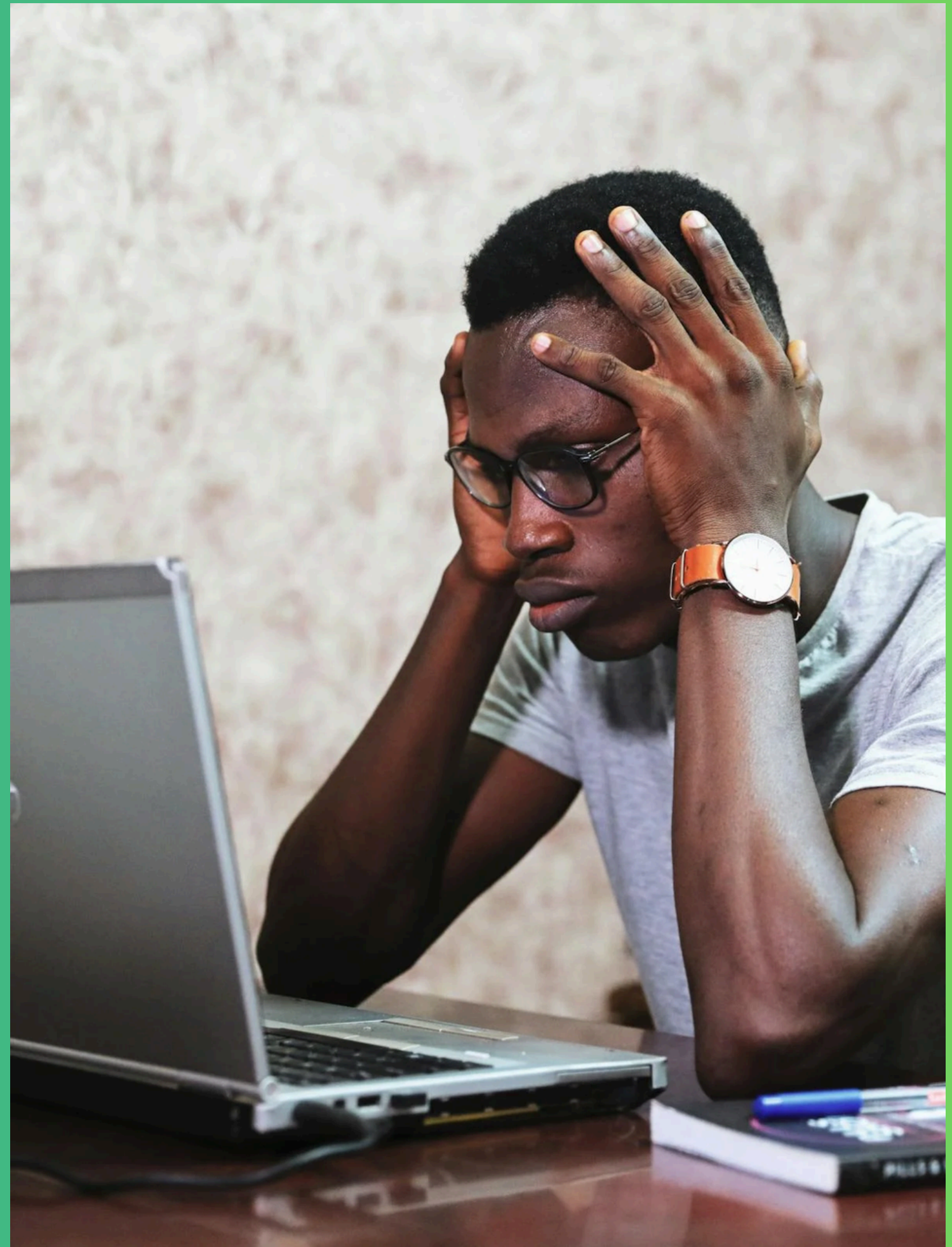
Heavy metals are naturally existing elements that have relatively high atomic weight and a minimum density five times the density of water. Heavy metals have extensive applications in industries, homes, agriculture and medicine, leading to their wide distribution in the environment. Most heavy metals are reported to be toxic. They also have numerous exposure routes, including ingestion, inhalation, and dermal absorption, subsequently inducing some health effects resulting from human and heavy metals contact. The implications of heavy metals with regards to children's health have been noted to be more severe compared to adults. The element's harmful consequences on children health include mental retardation, neurocognitive disorders, behavioral disorders, respiratory problems, cancer and cardiovascular diseases. Much attention should be given to heavy metals because of their high toxicity potential, widespread use, and prevalence. This review therefore examines the exposure routes and health effects of mercury (Hg), lead (Pb), chromium (Cr), cadmium (Cd), and barium (Ba) on children. In addition, their toxic mechanisms are elucidated.



Infant formulas tested 100% for lead and aluminum posing and unreasonable risk to the brain, cardiovascular disease, and cancer.

Based on the EPA's position of banning lead, they must ban infant formula since it is not TSCA compliant.

**Solutions:
What's a
Parent To Do?**





Breastmilk is Best for Babies

- Contains approximately 600 kinds of bacteria
- Can contain up to 200 different carbohydrates (human milk oligosaccharides/HMOs): Some are prebiotics (nourishment for the baby biota)
- Infant formulas (organic only) have added probiotics to replicate the nutritional composition of breast milk
- Improving the ecosystem helps mom and baby: Prebiotics, probiotics, organic/diversified diet, time in nature, loving relationships
- The microbiota is set by about 3 years old, but 20–30% may be manipulated and changed
- **Symbiogenesis with our microbes**

Infant gut dysbiosis is a widespread health problem in US newborns

Casaburi et al. *Scientific Reports*. 2021: 11:1472

Intestinal dysbiosis in infants can disrupt immune development

Frese SA et al. *mSphere*. 2017: 2(6):e00501-17



The 9 Best Baby Formulas, According to Pediatricians



by **Kathleen Felton**



Medically Reviewed by **Micah Resnick, M.D., F.A.A.P.** | December 21, 2023

Infant Formula





From the Experts:

Ingredients: Although most infant formulas **are basically the same**, experts say, some varieties contain additional ingredients that may be beneficial for baby or target different concerns, such as prebiotics or probiotics to support immune health. We've included a few such options, noting the types of conditions they might benefit. Most infant formulas are made from non-genetically modified ingredients, which we also made sure is true of each product on this list.

Is This True?

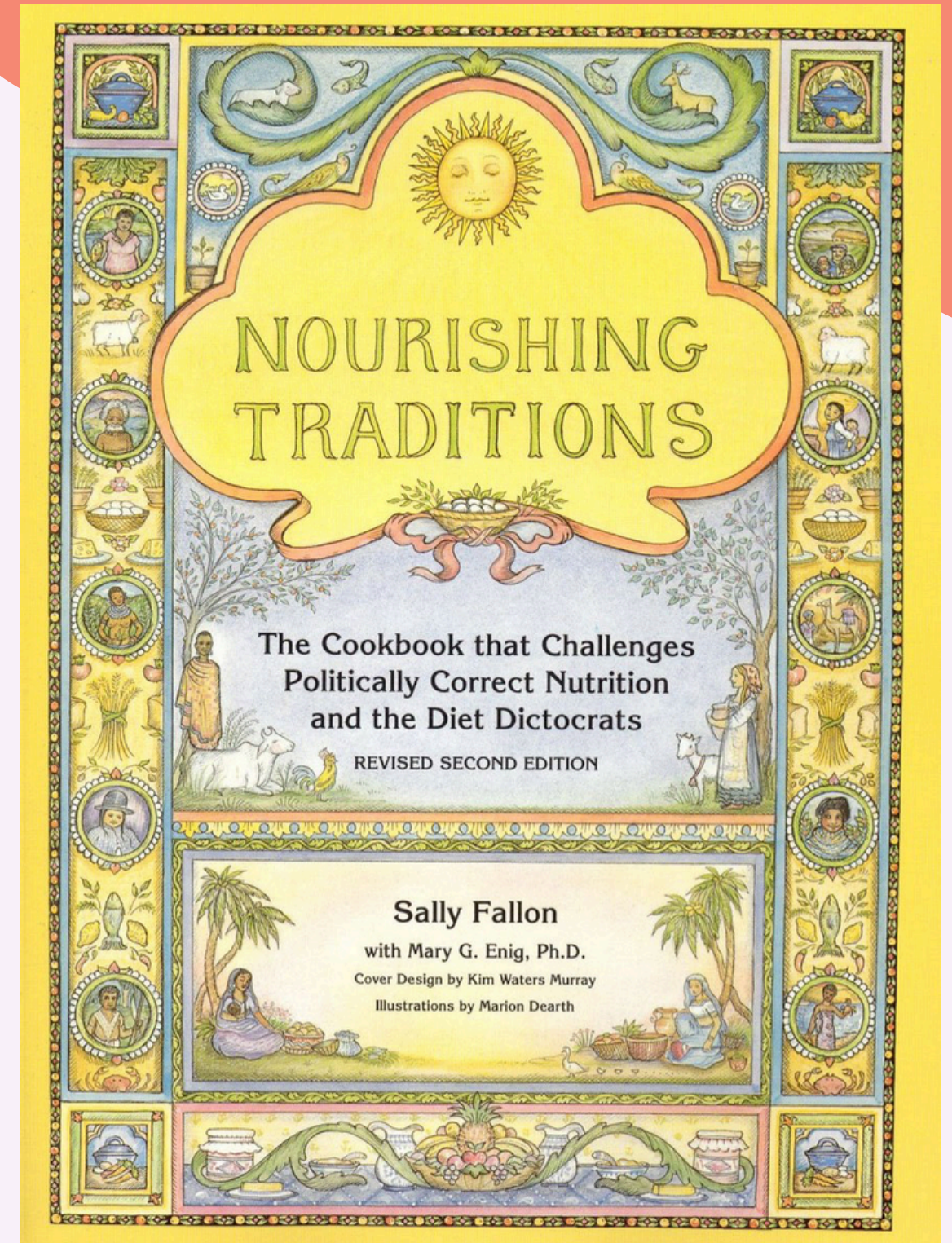


From the Experts:

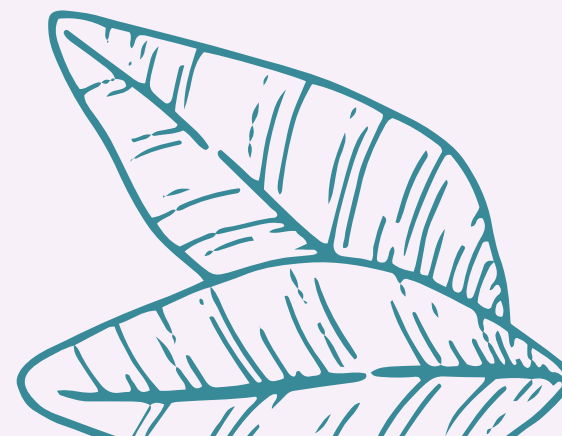
To help, we've included some resources below on what to do if your go to formula is sold out. Keep in mind that homemade formula is never safe for your baby, and it's also not safe to water down powdered formula to make it last longer — this could result in your baby not getting enough critical nutrients. If you're struggling to find formula in your area, reach out to your pediatrician for guidance.

Is This True?





<https://www.westonaprice.org/health-topics/formula-homemade-baby-formula/>



What's in formula?

1. Fluoridated tap water - interacts with Mn - alters brain function
2. Synthetic nutrients - neurotoxins
3. High fructose corn syrup (HFCS) - obesity, ADHD, NAFLD, Hg
4. Preservatives (even organic) - except Baby's Only Organic
5. Palm oil - deforestation (not the same as palmitic oil in BM)
6. Advanced Glycation End products (AGEs)
7. Dioxin - endocrine disruptor, carcinogen
8. Carrageenan - stabilizer - causes inflammation
9. Soy lecithin/soy formulas - phytoestrogens, phytic acid, GMOs
10. Artificial DHA and ARA - essential fatty acids extracted with hexane
11. Melamine - increase cow milk supply
12. Perchlorate - thyroid toxic
13. GMOs - corn, sugar, soy
- 14. Glyphosate**

(<https://www.ewg.org/release/toxic-weed-killer-found-breast-milk-infant-formula>)



Aluminum and Autism

- UK study showed high levels of Al in ASD male brains
- Al was found in neurons, microglia, white blood cells: Indicates it enters the brain via the lymphatic system
- Authors point out ~.25% of ingested Al is absorbed into circulation; may be more if there is intestinal mucosa damage
- Nearly 100% of AlOH (adjuvant in vaccines enters the circulation when injected IM)
- The injected Al binds with transferrin, which allows it to cross the blood-brain-barrier and the blood-CSF barrier. Unlikely to be excreted once it enters the brain
- Glyphosate binds Al 6 different ways and can transport it across the BBB



What Does Aluminum Do in the Brain?



- Al promotes the formation and accumulation of insoluble amyloid beta protein (AD)
- Al increases Fe-induced oxidative injury
- Al disrupts Ca regulation
- Al is a mutagen - with subsequent alterations in the expression of genetic materials
- Al is an immunogen - this reactivity may play a role with Al and autoimmunity

Exley: <https://www.tandfonline.com/doi/full/10.1586/14737175.2014.915745>



IMAGINE YOU
ARE AN
**ALUMINUM
ATOM**

DISCUSSIONS
WITH
MR. ALUMINUM

CHRISTOPHER EXLEY, Ph.D., FRSD



Holistic Health
Masterclass

EPISODE #011

**ALUMINUM, AUTISM &
ALZHEIMER'S DISEASE -
PROF CHRIS EXLEY**

www.holistic-health-masterclass.com



Silica Water
The Secret of
Healthy Longevity
in the Aluminum Age



DENNIS N CROUSE PH.D.

Enfamil NeuroPro Gentlease Powder Infant Formula - 27.4oz

\$51.99 (\$1.90/reconstituted ounce (USA))

Ingredients

Corn Syrup Solids, Partially Hydrolyzed Nonfat Milk And Whey Protein Concentrate Solids (Soy)++, Vegetable Oil (Contains One Or More Of The Following: Palm Olein Oil, Coconut Oil, Soy Oil, High Oleic Sunflower Oil), And Less Than 2%: 2'-Fucosyllactose++++, Mortierella Alpina Oil§§ Schizochytrium Sp. Oil~~, Calcium Carbonate, Sodium Citrate, Calcium Phosphate, Potassium Chloride, Magnesium Phosphate, Ferrous Sulfate, Zinc Sulfate, Cupric Sulfate, Manganese Sulfate, Potassium Iodide, Sodium Selenite, Choline Chloride, Inositol, Ascorbic Acid, Niacinamide, Calcium Pantothenate, Riboflavin, Thiamin Hydrochloride, Vitamin D3, Vitamin B6 Hydrochloride, Folic Acid, Vitamin K1, Biotin, Vitamin B12, Vitamin E Acetate, Vitamin A Palmitate, Soy Lecithin, Taurine, L-Carnitine. ++A Source Of Mfgm (Milk Fat Globule Membrane Composed Of Proteins And Fats) Components ++++A Source Of 2'-Fl Hmo (2'-Fucosyllactose Human Milk Oligosaccharide) §§A Source Of Arachidonic Acid (Ara) ~~A Source Of Docosahexaenoic Acid (Dha)



Breastfeeding is hard-won.



More than 4 out of 5 moms stop breastfeeding before the recommended six months. That means many of us face serious trade-offs, as infant formula lacks the critical nutrients of breastmilk and carries a heavy environmental burden.

There need to be more options for parents to turn to when feeding gets tough.

Let BIOMILQ support you.

Protect Babies Now!

- **Biomilq** - targeting infant nutrition by attempting to reproduce mother's breast milk in a lab from culturing mammary epithelial cells
- The co-founders hope that the breast milk will help reduce the carbon footprint from the global infant formula market

Key Breastfeeding Indicators

Current
Rates

Percentage of infants who are breastfed: **Ever.**^a

84.1

Percentage of infants who are breastfed: **At 6 months.**^a

58.3

Percentage of infants who are breastfed: **At 1 year.**^a

35.3

Percentage of infants who are breastfed: **Exclusively through 3 months.**^a

46.9

Percentage of infants who are breastfed: **Exclusively through 6 months.**^a

25.6

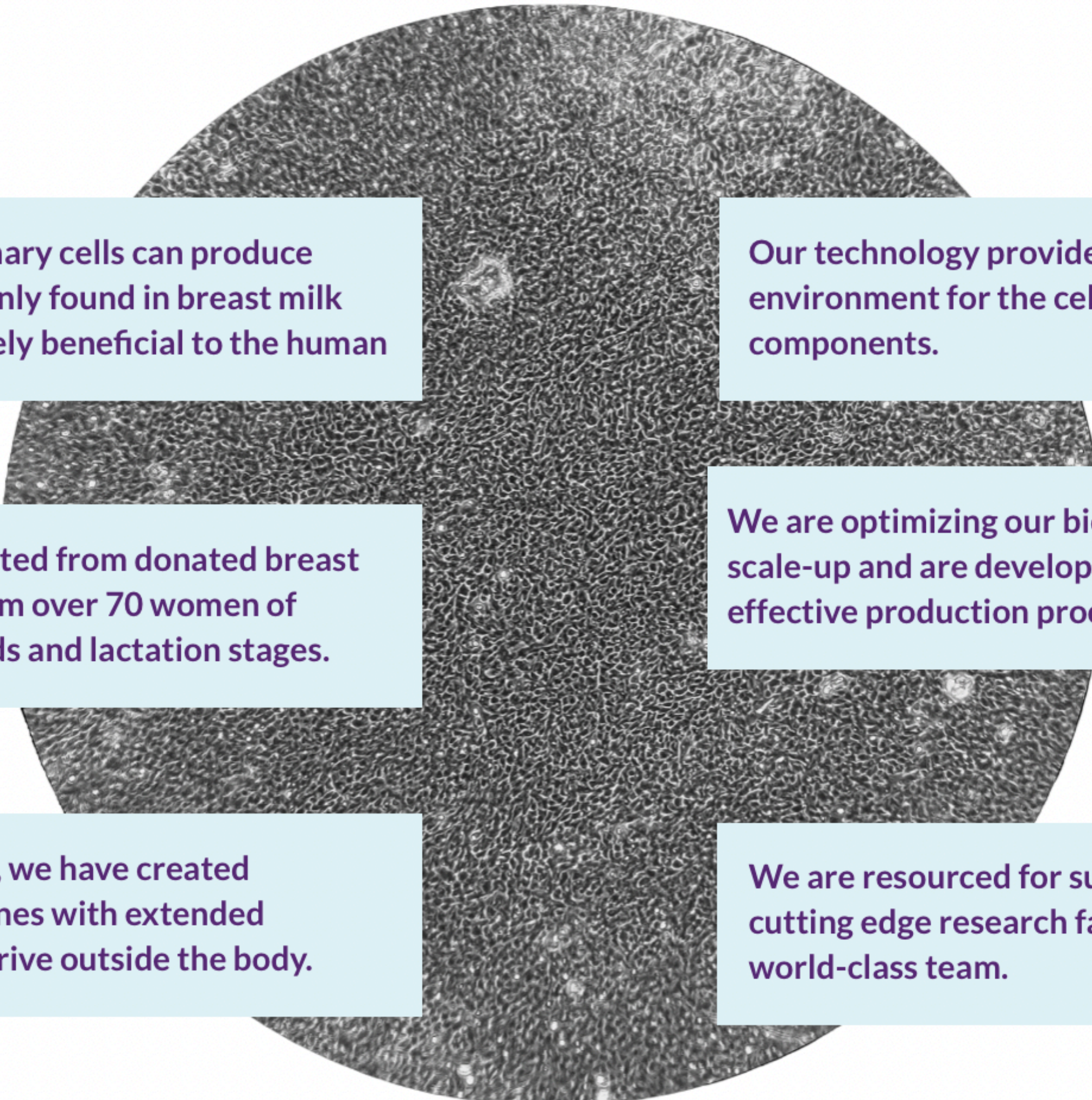
Percentage of employers that have worksite lactation support programs.^b

51.0

Percentage of breastfed newborns who receive formula supplementation within the first 2 days of life.^a

19.2

[https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6189679/t of body text](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6189679/t%20of%20body%20text)



Human mammary cells can produce components only found in breast milk and are uniquely beneficial to the human body.

Our technology provides the appropriate environment for the cells to make milk components.

The cells, isolated from donated breast milk, come from over 70 women of all backgrounds and lactation stages.

We are optimizing our bioprocess for scale-up and are developing a cost-effective production process.

From the cells, we have created multiple cell lines with extended lifespans to thrive outside the body.

We are resourced for success with a cutting edge research facility and a world-class team.

Lactation is Not Only For Cisgender Biological Mothers

Updated: Dec 2, 2022

Classic observations of nonconventional lactation and new findings offer hope for all parents

Lactation is most commonly associated with a mother who has just given birth. But, it's 2022 and the narrative around who can lactate has expanded. First, a fun fact: in the 1990's, researchers found that some male fruit bats naturally lactate as they have functional mammary glands that produce small amounts of milk [3]. Because male humans do indeed have mammary glands, albeit typically inactive, male lactation is physiologically possible if a myriad of factors align, including hormonal cues that give the greenlight to produce milk. But, since male humans a) are not male fruit bats, and b) don't experience the hormonal changes during pregnancy that prepare the body for a baby's arrival, external interventions are necessary to induce lactation. But, in 2010, a man did lactate *naturally* because he had a pituitary tumor that increased his prolactin level to 13,050 pmol/L (normal: 109-522) and decreased his testosterone level to 6.4 nmol/L (normal: 10.4-31.0) [9]. Among other factors, hormones are key players in lactation.

BIOMILQ at the International Milk Genomics Consortium Symposium 2023

For the past three years, BIOMILQ has been fortunate enough to attend, speak, and present at the [International Milk Genomics Consortium](#) (IMGC) Symposium. IMGC is a flagship conference that features the most “cutting-edge scientific research and discoveries in milk science and their applications for human health” (IMGC). This year was the 20th annual symposium, and a wonderful opportunity to appreciate the acceleration of discovery in milk science that the community has encouraged. At BIOMILQ, we want to ensure that our work is focused on the most impactful applications of our technology, and IMGC is a fantastic place to showcase our progress, receive feedback on what we are building, and learn about other ground breaking milk research being done. With worldwide attendance from the leaders who are moving milk forward in both academia and industry, BIOMILQ has returned from the symposium energized by new ideas and a growing list of collaborations that will guide our strategy going forward.

TECH

Bill Gates' climate-change investment firm bets on lab-produced breast milk

PUBLISHED TUE, JUN 16 2020·9:14 AM EDT | UPDATED TUE, JUN 16 2020·2:31 PM EDT



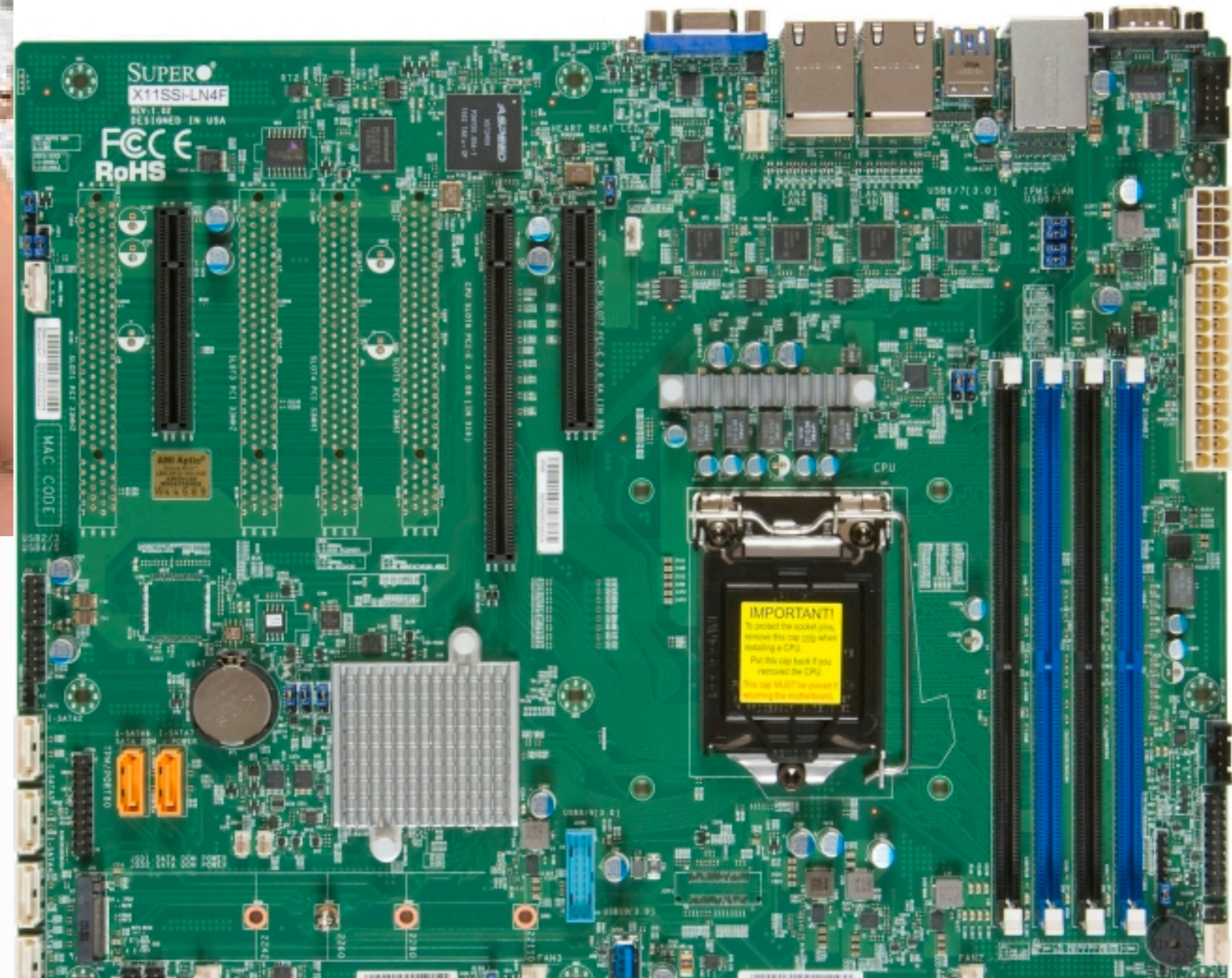
Aditi Roy
@ADITIROYCNBC

SHARE    

“...Will help reduce the carbon footprint from the global infant formula market...”



**Are breastmilk and
breastfeeding to be
replaced by a
motherboard?**



Regulation

The Biden Administration Says Its Trade Policy Puts People Over Corporations. Documents on Baby Formula Show Otherwise.

U.S. officials have challenged baby formula regulations in more than half a dozen countries, sometimes after manufacturers complained. Critics say the efforts are undermining public health.



Joe Biden at the White House in February Michael A. McCoy/The New York Times via Redux

by Heather Vogell

July 22, 5 a.m. EDT

- “The Biden administration pushed more than a half-dozen countries to weaken, delay or rethink baby formula regulations aimed at protecting the public’s health.”
- The US opposed the EU’s efforts to reduce lead levels in baby formula.
- The US opposed Taiwan’s efforts to encourage breast feeding over formula.
- In Colombia, the US was involved to limit microbiological contaminants.
- US opposed Kenya’s attempts to restrict formula advertising.
- The US questioned limits on cadmium in formula.
- The US challenged Mozambique when they tried to limit formula lobbying to healthcare professionals.
- Feds support the multibillion dollar formula industry

Health Care

The U.S. Government Defended the Overseas Business Interests of Baby Formula Makers. Kids Paid the Price.

by Heather Vogell, ProPublica, photography by June Watsamon Tri-yasakda, special to ProPublica

March 21, 5 a.m. EDT



**100% of the 40
infant formulas
tested were
positive for
aluminum and
lead**



How to Clean up Infant Formula

Bioremediation – living organisms can remove or neutralize contaminants from soil:

- Phytoremediation
- Microbial remediation
- Bioaugmentation
- Composting
- Phytostabilization

Bioremediation methods offer sustainable and cost-effective approaches to remediate toxic metal-contaminated soil.

<https://gmoscience.org/2024/03/19/infant-formula-heavy-metal-testing-project/>

How to Clean up Infant Formula

Immediate evaluation/testing of infant formulas by the FDA with the following steps for action:

- Source raw ingredients carefully
- Create a subsidized program for dairy farmers that switch to organic/regenerative practices that specifically supply infant formula manufacturers
- Implement rigorous testing
- Use high-quality, filtered water
- Adopt clean manufacturing practices
- Incorporate advanced filtration techniques
- Conduct batch testing
- Implement continuous monitoring and improvement
- Education and training of staff
- Communicate transparently with consumers

<https://gmoscience.org/2024/06/30/get-the-lead-out/>



Toxic Metal Free



Parents shouldn't need a PhD to feed their families



Solutions: What's a Parent To Do?

- Ensure adequate maternal nutrition with minerals (iron, zinc, calcium, etc.), omega 3s/DHAs, probiotics (bifidobacteria, lactobacilli)
- Utilize A2 milk - less antigenic
- Additions to formula:
 1. Colostrum
 2. Beneficial microbes
 3. Human milk oligosaccharides
 4. Lactoferrin
 5. Learn to make your own infant formula



Episode 19: Baby Formula

The New MDS



Moms, Doctors and Scientists working together to heal our children

EPISODE 19: Infant Formula Toxic Metals Study

The New MDS will discuss the findings and recommendations from 40 samples tested



Watch on YouTube
Michelle Ferro, MD



Zen Honeycutt



Stephanie Seneff, PhD



What's Making Our Children SICK?

How Industrial Food Is Causing an
Epidemic of Chronic Illness,
and What Parents (and Doctors)
Can Do About It

EXPLORING THE LINKS BETWEEN

GM FOODS, GLYPHOSATE, AND GUT HEALTH

Michelle Perro, MD *and*
Vincanne Adams, PhD

*Coming
Soon!*

Making Our Children WELL

A Parent's Guidebook:
Empowering Healthy Families
with Homeopathy and
Nutrition

Michelle Perro, MD

Co-Author of the best seller
What's Making our Children Sick?

Thank you!

www.gmoscience.org
Non-profit since 2014:
501(c)(3)

GMO Science
educate to regenerate

Michelle Perro, MD, DHom

info@gmoscience.org