



# TRANSFORMATION

THE GENESIS OF GOOD HEALTH™





EST. 2023

# PLASTIC!

ARROW LAB



The Path  
Perils &  
Prognosis



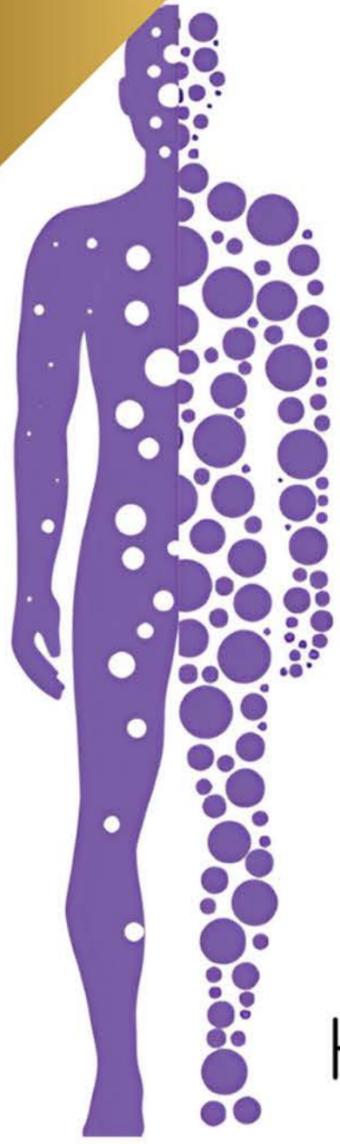
of  
plastic pot





**FREE** E-book

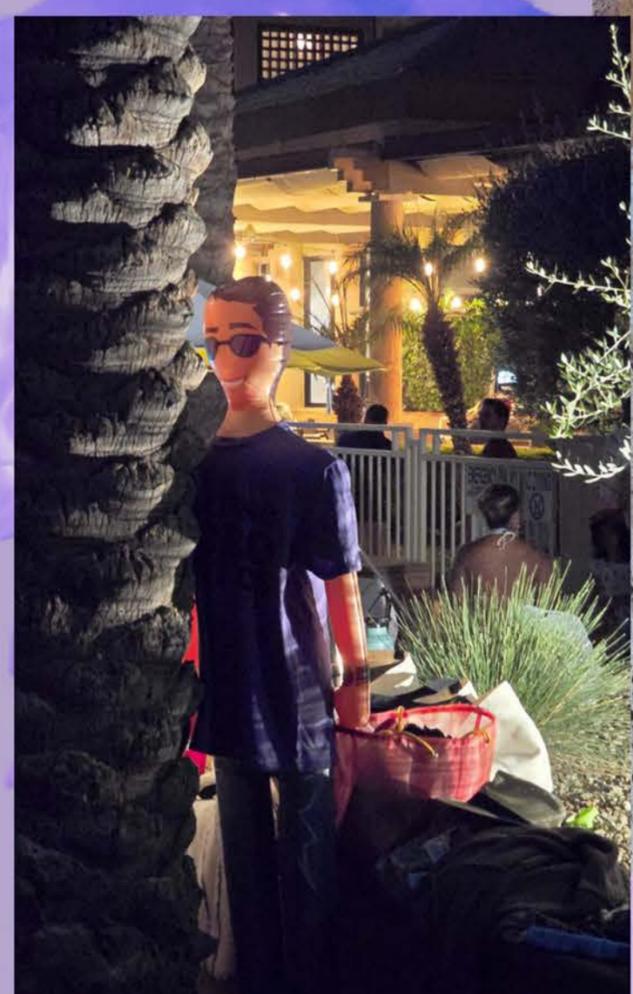
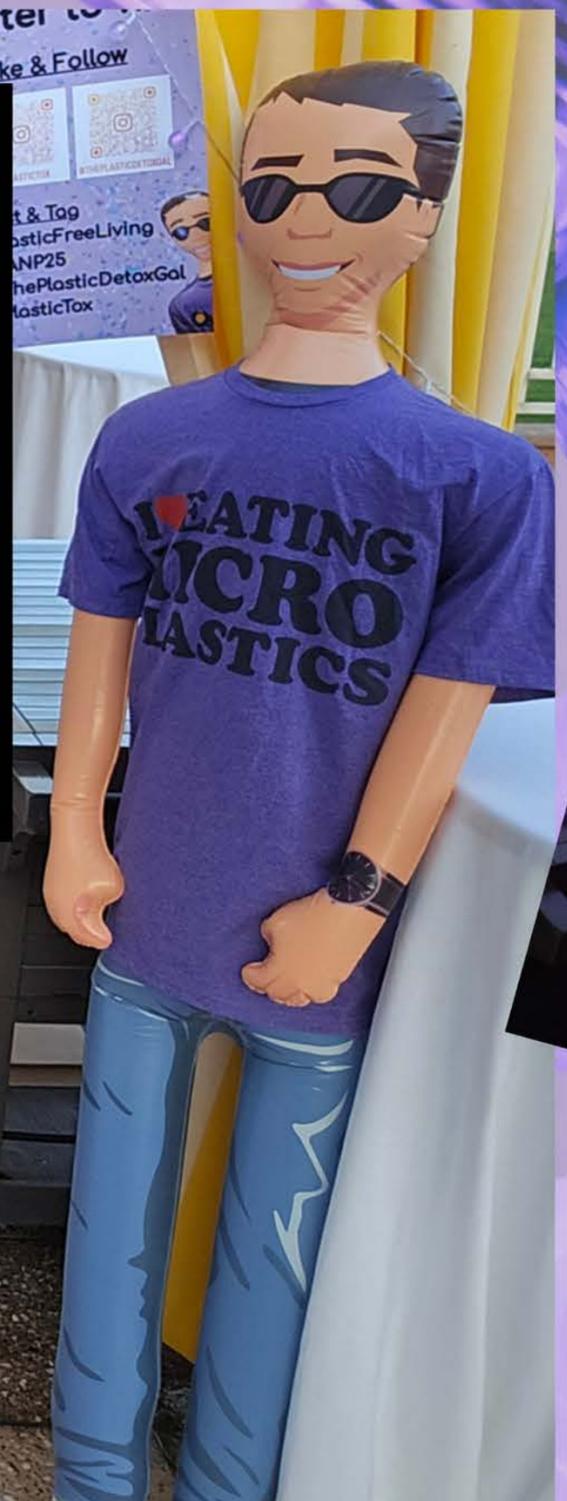
# Plastic



what's  
in  
**YOUR**  
body?

How to Detox Plastics





# The Path



FOUND IN

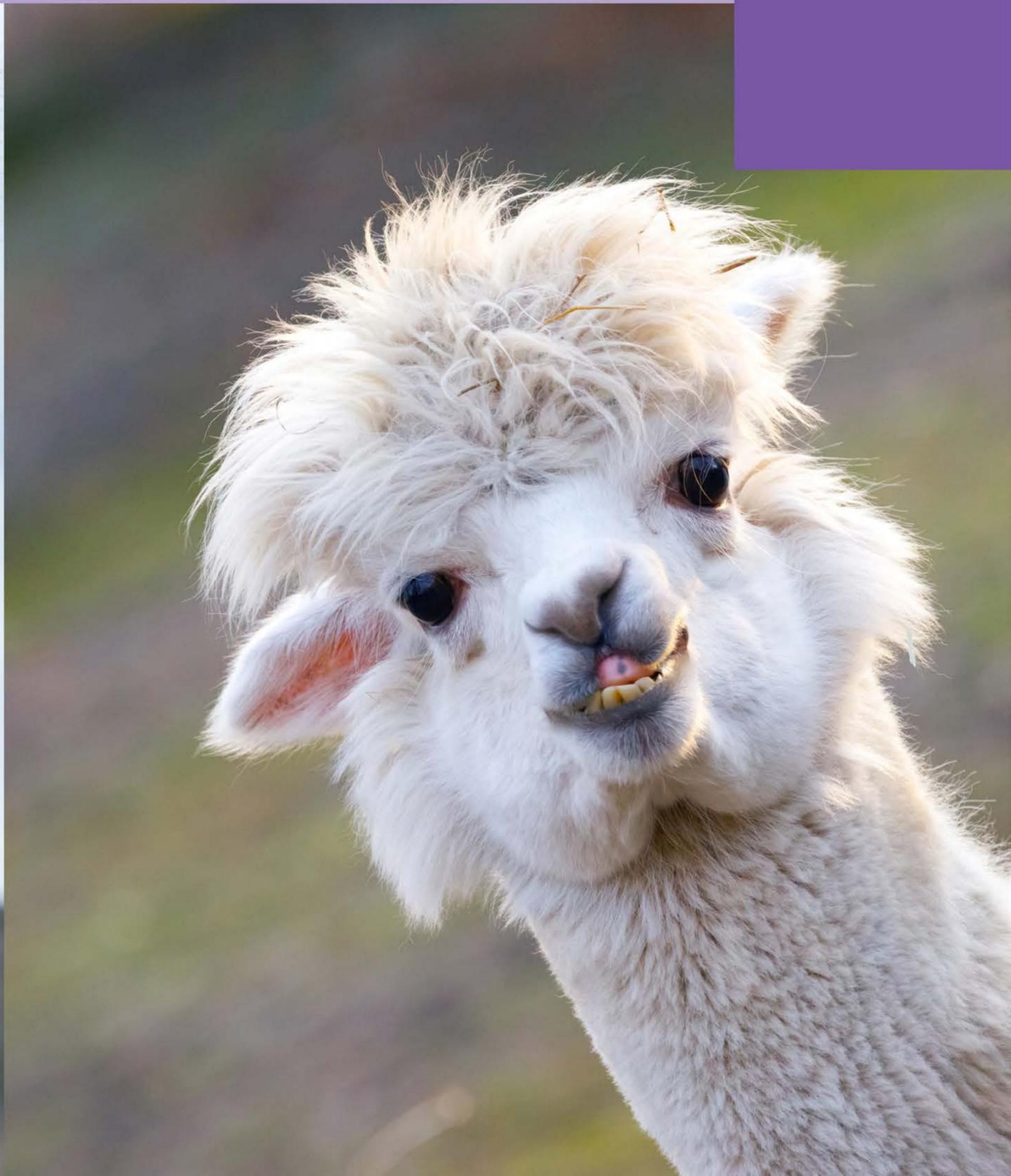


FOUND IN



# FOUND IN





# FOUND IN



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# FOUND IN



**FUN**

**FACT**



# MICRO-PLASTIC

Micron is short for micrometer, one-millionth of a meter, or  $1 \times 10^{-6}$  (denoted  $\mu$ ). Since the metric system is very rational, there are 1,000 microns in a millimeter and 10,000 microns in a centimeter.



ADVANCED **D**EBURRING & **F**INISHING CORPORATION



Thickness of paper  
**70 to 180** microns



A human hair  
**20 to 180** microns



A human red blood cell  
**7** microns across



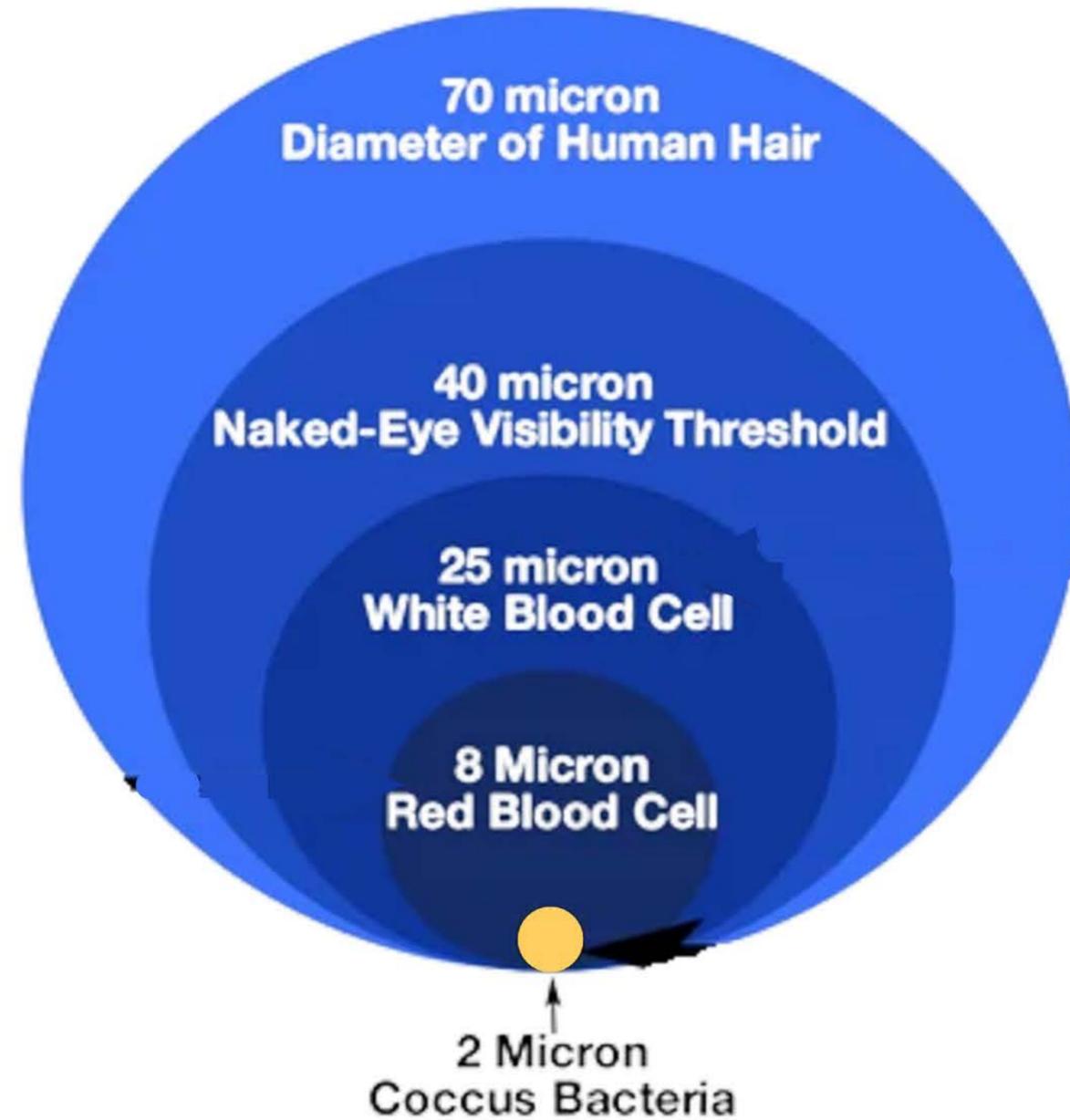
Bacteria  
often less than  
**70** micron in length



Mold spores  
**1 to 20** microns

Account for micron-sized deformities by **contacting Advanced Deburring & Finishing** today.

# MICRO-PLASTIC



FOUND  
IN



# FOUND IN



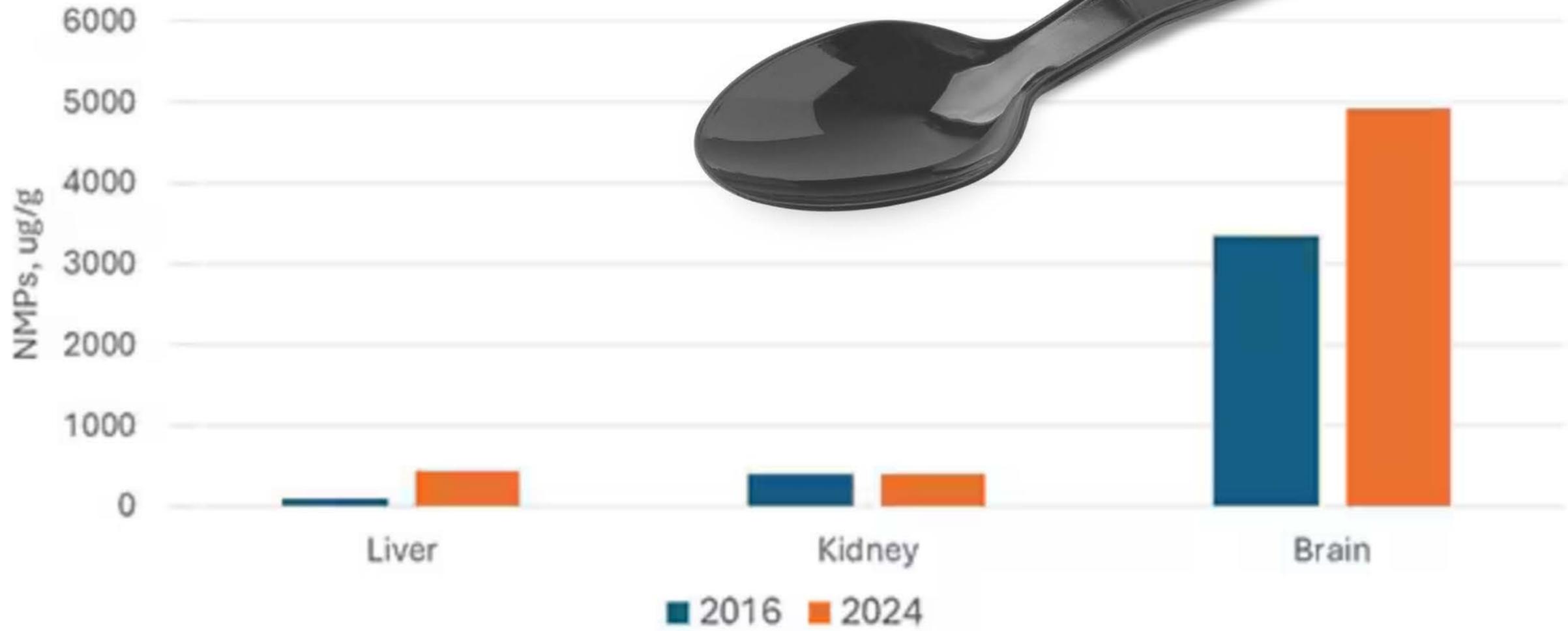
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FOUND  
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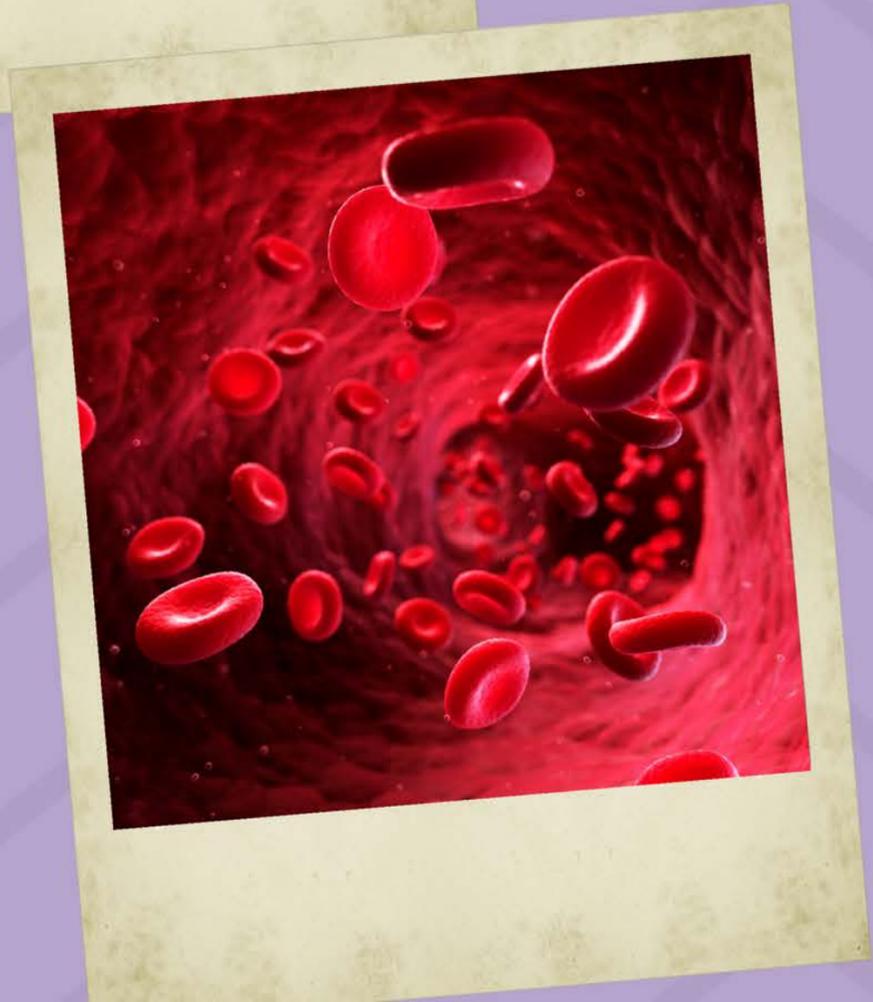


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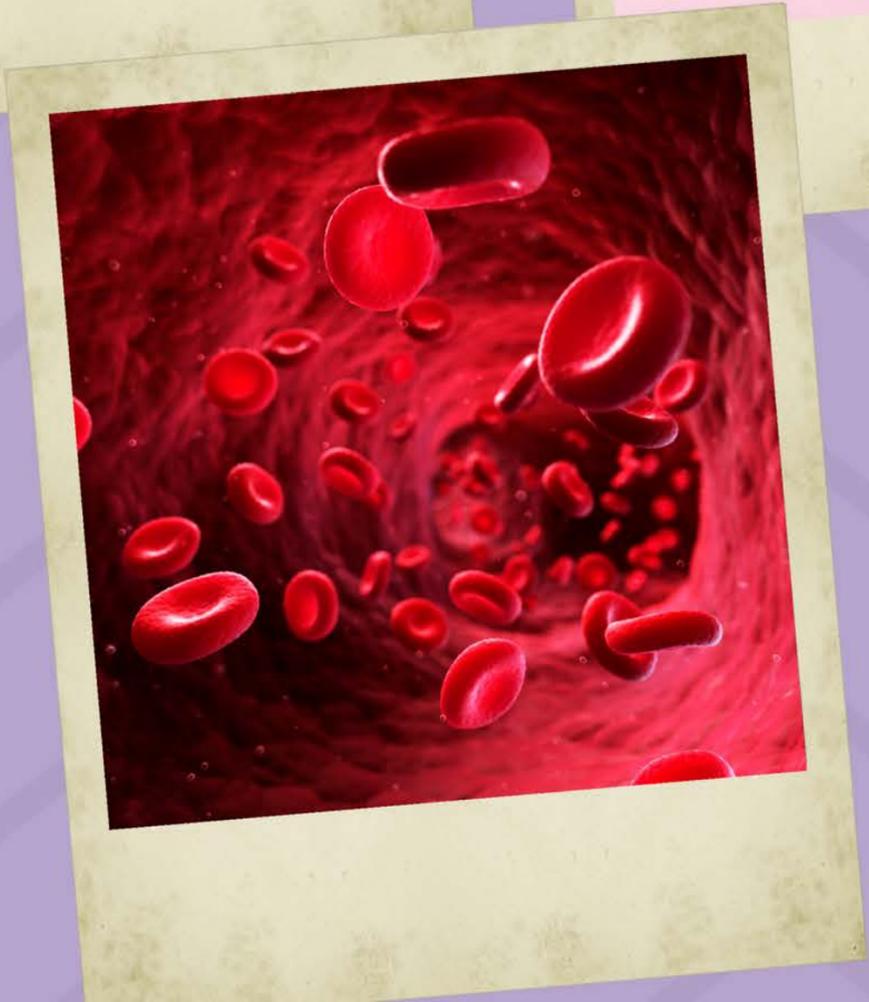


Source: Nihart et al. Nat Med. 2025

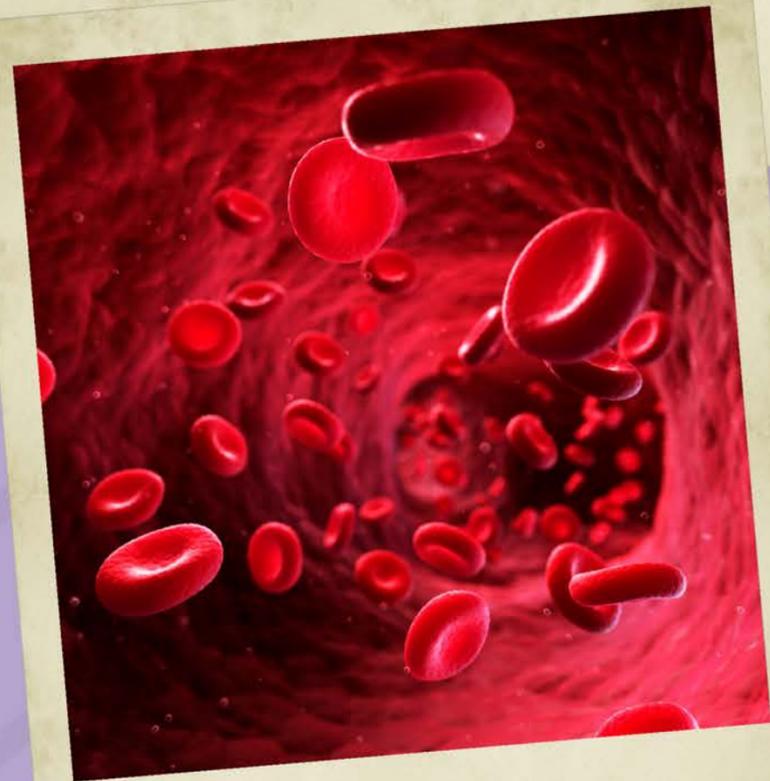
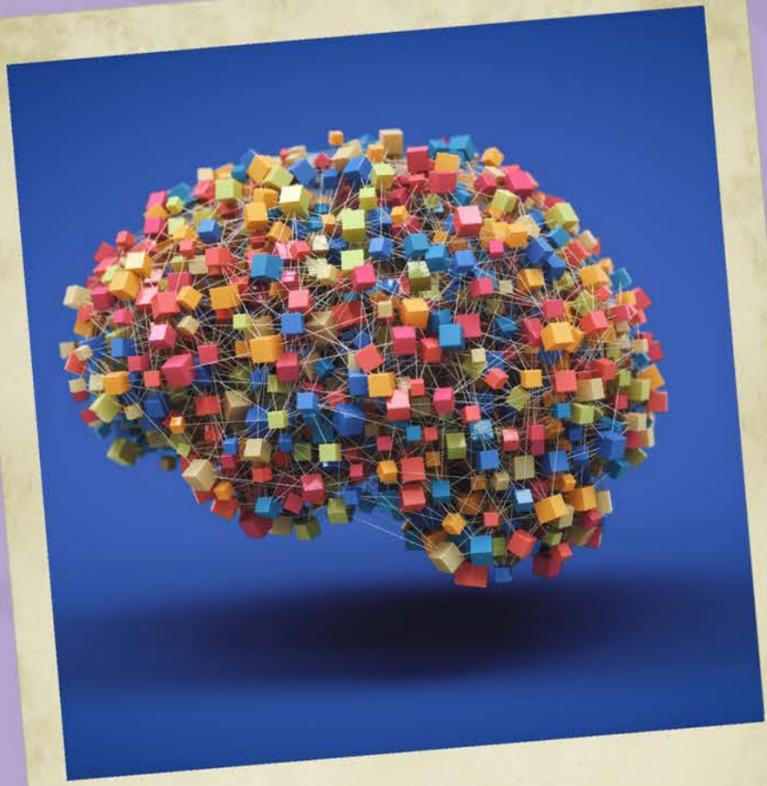
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INTRODUCING  
WORLD'S FIRST  
TEST

# plastictox

ARROW  LAB SOLUTIONS



**DENIECE KREBS**  
PLASTIC EDUCATOR

**PLASTIC PAT**  
RECOVERING  
PLASTIC PERSON



# AGENDA

 WHAT IS MICROPLASTIC?

 HOW DID WE GET HERE?

 MICROPLASTICS & YOU

 HEALTH CONCERNS

 TESTING & SOLUTIONS

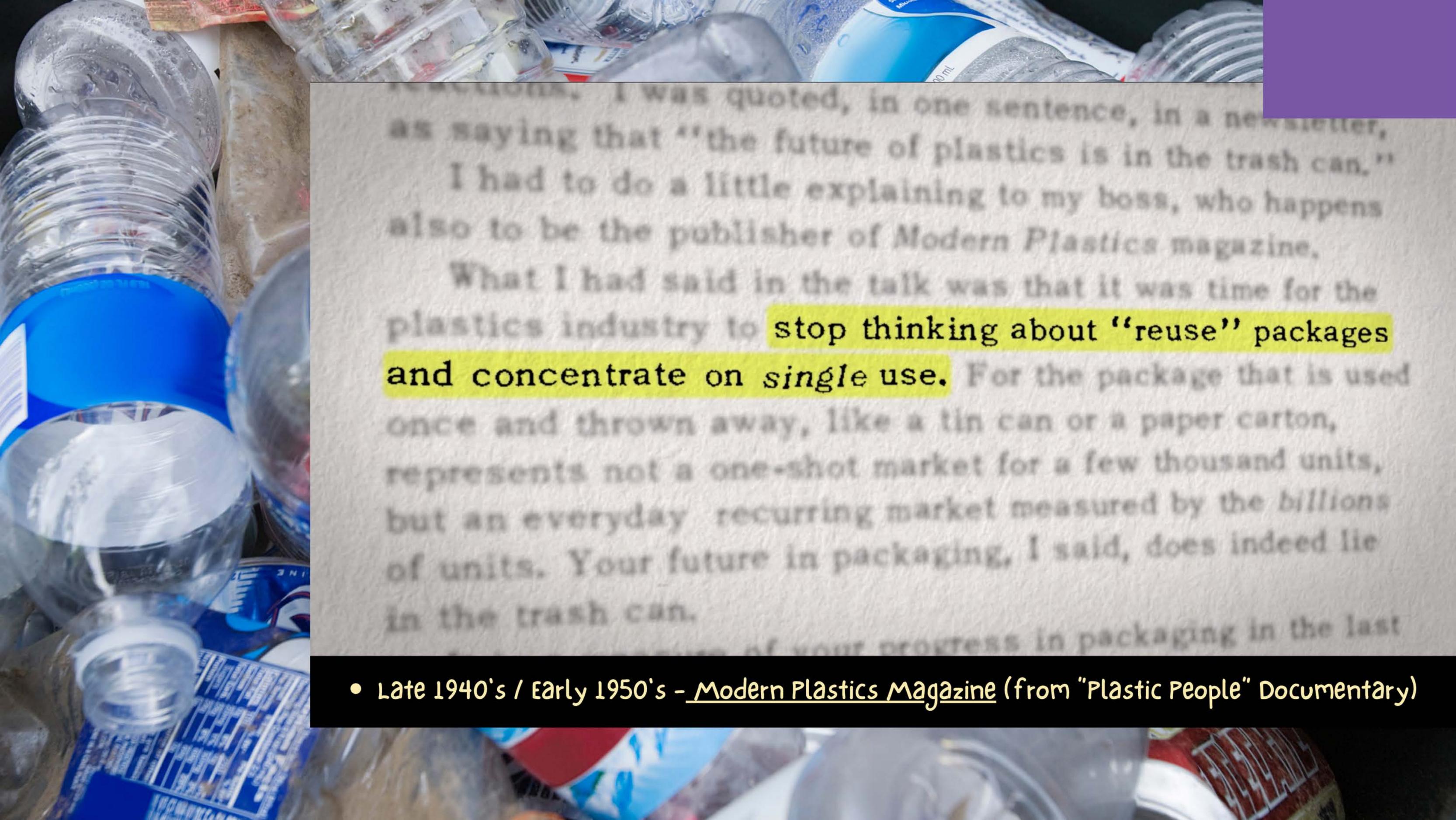


# What is microplastic?

- Tiny particles of plastic
- Less than 5mm in size
- Final state of all plastics
- Two categories of plastics
  - "Permanent"
  - "Single use"







reactions. I was quoted, in one sentence, in a newsletter, as saying that "the future of plastics is in the trash can." I had to do a little explaining to my boss, who happens also to be the publisher of *Modern Plastics* magazine. What I had said in the talk was that it was time for the plastics industry to stop thinking about "reuse" packages and concentrate on single use. For the package that is used once and thrown away, like a tin can or a paper carton, represents not a one-shot market for a few thousand units, but an everyday recurring market measured by the billions of units. Your future in packaging, I said, does indeed lie in the trash can.

- Late 1940's / Early 1950's - Modern Plastics Magazine (from "Plastic People" Documentary)

# SINGLE-USE PLASTIC



50%



# BUZZ WORD? CONSPIRACY?



THEY  
ARE  
REAL!



THEY  
ARE  
EVERY  
WHERE!

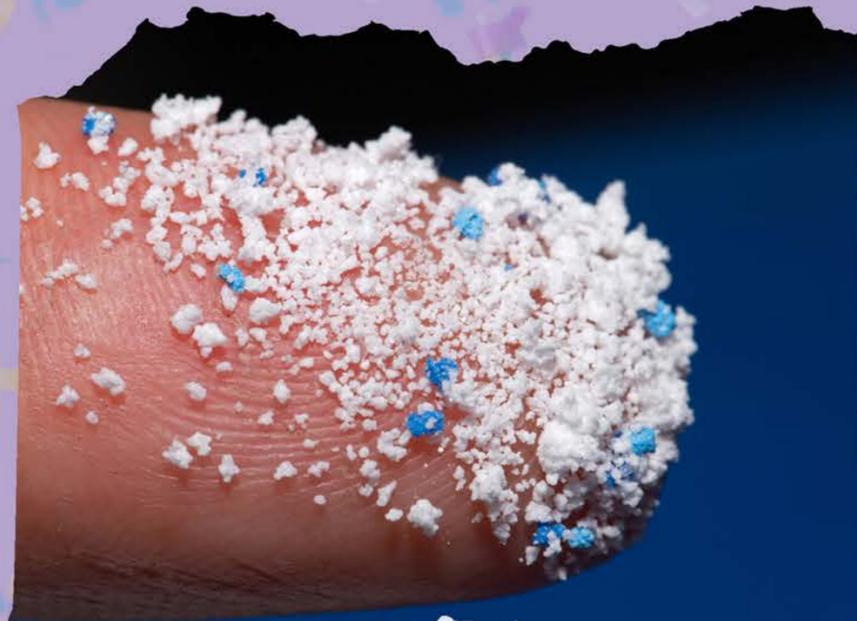
THEY  
ARE  
IN  
ILLUSION

*and our children!*



# THE ENVIRONMENT

# MICRO-PLASTICS



# The Path Perils



# OUR BODY!

1

Hormone Disruption

2

Systemic Inflammation

3

Toxic

...long-term effects?????



Exposure to polyethylene and polyvinylchloride microplastics caused advanced puberty onset in females through promoting hypothalamic GnRH expression



# OUR KIDS' BODY!

1 Potentially born with a higher load

2 Increased consumption relative to their size

3 More rapid breathing

4 Developmental Impacts

5 Hand-Mouth behavior

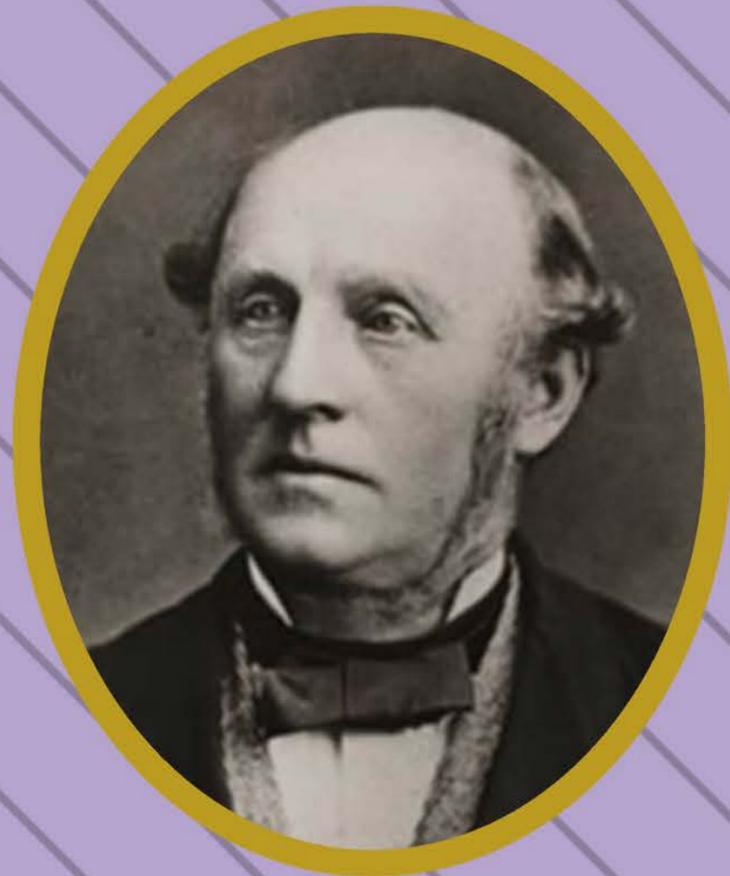
6 Inability to detox effectively

...long-term effects?????





HOW DID  
WE GET  
HERE?



1862

# PARKESINE



- Englishman Alexander Parkes (1813 – 1890) is credited as one of the founders of plastic materials.
- He created the very first man-made plastic material, Parkesine, in 1862.
- He exhibited his new cellulose-based material at the 1862 Great International Exposition in London, receiving a bronze medal for “Excellence of Product.”
- Parkes patented Parkesine in 1865 and exhibited the new material at the Royal Society of Arts in London.



How the common plastic comb came out of a Victorian chemist's invention. Picture: Bow Arts (Image: Bow Arts)



The original Parkesine factory in Wallis Road where plastic was invented. Picture: LBH archive. (Image: LBH archive)

# MORE MORE MORE!!!



1

Demand exploded --> Addition of BIPHENOL A is added. 1891 Russian Chemist Aleksandr P Dianin combined PHENOL & ACETONE in presence of an acid catalyst.

1891

2

Early 20th Century --> In Belgium Leo Baekeland created a Synthetic plastic by combining PHENOL & FORMALDEHYDE

1907

3

Today --> \$700B plastic Industry.  
Funded by ....

2025

You & Me



**2 MILLION plastic bags...  
USED  
every MINUTE**



**BILLIONS of plastic toys  
manufactured  
every YEAR**



**BILLIONS of plastic toys  
manufactured  
every year**

**MILLIONS to the landfill every year**



**1.5 BILLION  
plastic bottles...  
purchasded  
every DAY**

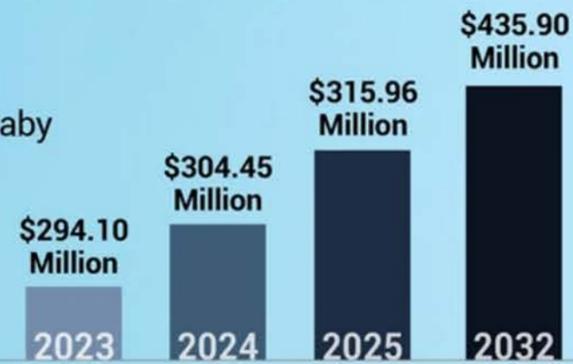
# 79 MILLION plastic BABY bottles... made this YEAR



## NORTH AMERICA BABY BOTTLE MARKET

FORTUNE  
BUSINESS INSIGHTS

North America Baby Bottle Market to grow at **4.70% CAGR** during 2025-2032



### DRIVERS

Rising parental spending on child care items  
Increasing pediatricians' focus toward child care education

### TRENDS

Rising popularity of sustainably made baby bottles

### INDUSTRY DEVELOPMENT

Chicco launched an advanced patented technology-based ChiccoDUO baby bottle with a hybrid design of micro-thin premium nvinci-glass material and a plastic shield for enhanced milk formula protection.



**BY TYPE**  
Vented Bottles 39.35%  
Angle-neck Bottles  
Wide-mouth Bottles  
Others



**U.S. BY TYPE**  
Vented Bottles 39.98%  
Angle-neck Bottles  
Wide-mouth Bottles  
Others



**BY MATERIAL**  
Plastic | Stainless Steel  
Silicone  
Glass



**BY DISTRIBUTION CHANNEL**  
Online  
Offline

**1L Water Bottle  
contains  
an average of  
240,000  
particles / L**



The background is a dense, overlapping collage of various plastic waste items, including water bottles, soda cans, and food containers, all in shades of blue, white, and red. A central rectangular area is cut out, showing a dark, textured surface of sand. On the sand, a white baby bottle with a yellow cap is lying on its side, tilted. A small amount of white liquid is dripping from the bottle's opening onto the sand. The text is overlaid on the right side of the collage.

**16 million  
microplastic  
particles / L  
when shaken  
with warm water**

**1.5 BILLION  
plastic  
bottles...  
purchased  
every DAY**



**400  
MILLION  
TONS...  
plastic  
made  
every  
year**



**2 MILLION  
plastic bags...  
USED  
every MINUTE**





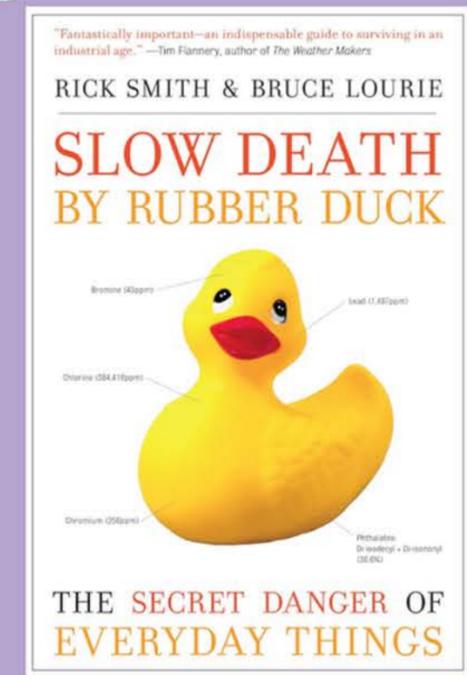
**Driven by Oil Companies.**

**1/2 is "Single Use"**



“Every piece of plastic <sup>ever</sup> created  
**STILL EXISTS!**”

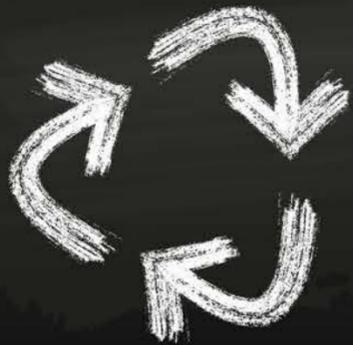
~ Rick Smith, Author  
Slow Death by Rubber Duck



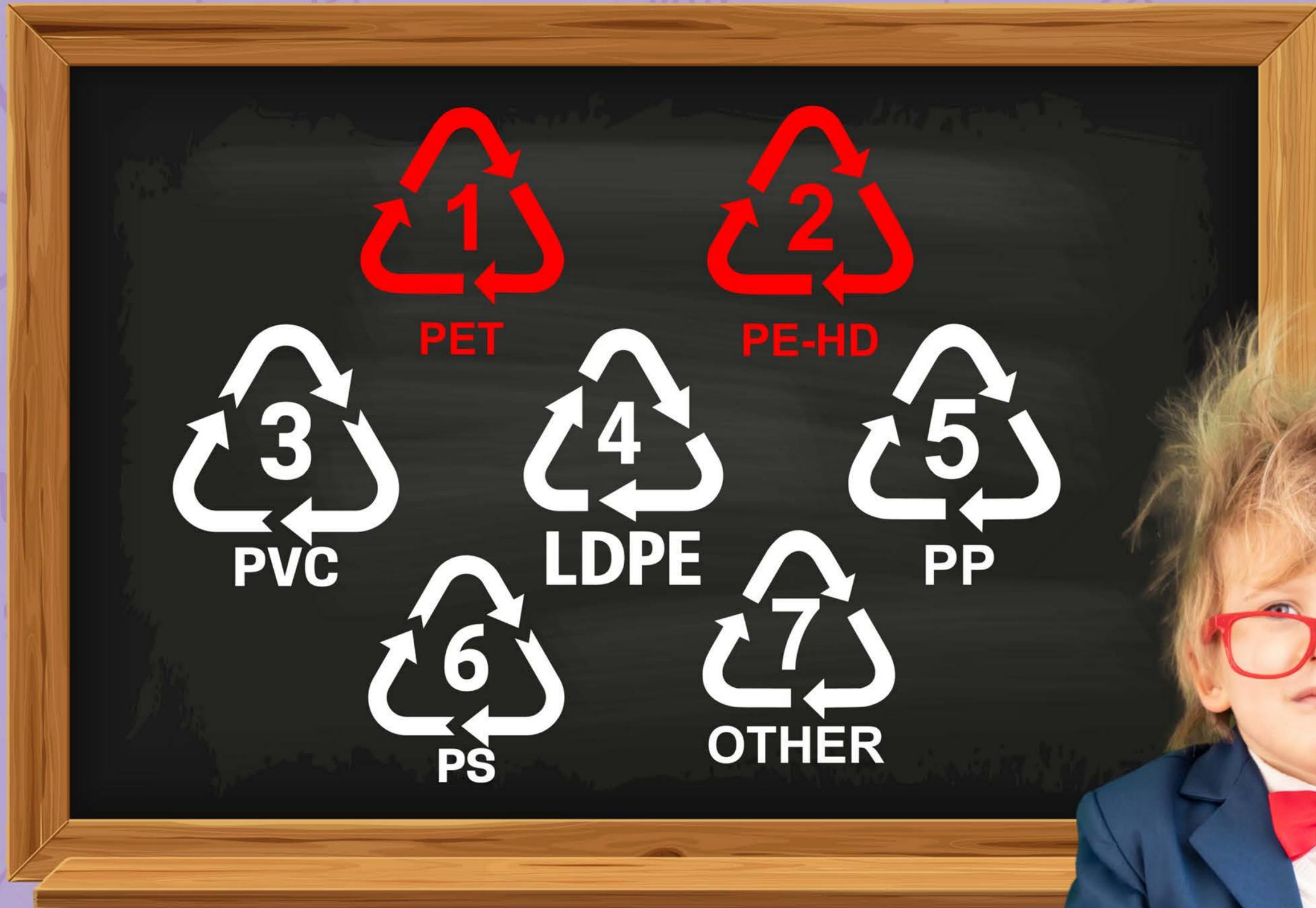
**RECYCLED!**



**CONVERT (WASTE)  
INTO REUSABLE  
MATERIAL.**



# RECYCLED!



# RECYCLE!



SHOPPING



MY PERSONAL JOURNEY



WATER



2025

SO...  
WHAT'S THE  
BIG DEAL

about microplastics?

ene

teflon

polyvinyl  
chloride

bisphenol A  
(BPA)

xenoestrogens

polypropylene

pol

astic

phthalates

petrochemicals

polyamide  
(nylon)

polyester

polyethylene  
(PE)

acrylic

flu

carbon

fluorocarbon

elastic

carbon

# The Path Perils & Prognosis



# IMPACTS TO OUR BODY

**“Microplastic Found in Brain Weighs as Much as a Plastic Spoon”**

**-February 3, 2025, Nature Medicine**

**“Pre/post-natal exposure to microplastic as a potential risk factor for autism spectrum disorder”**

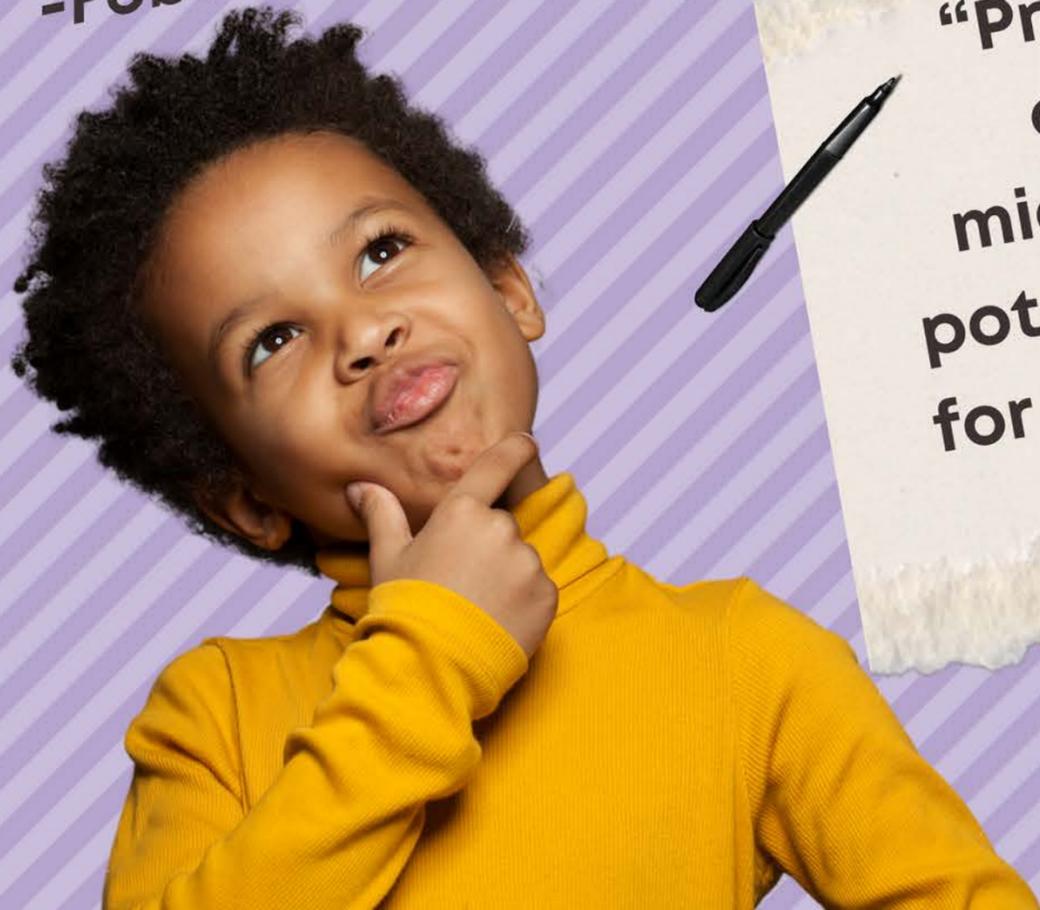
**-March, 2022, Environment Int'l**

**“Microplastics in arteries linked to heart disease risk”**

**-June 1, 2024, Harvard Health**

**“Microplastics are infiltrating brain tissue, studies show: ‘There’s nowhere left untouched’”**

**-August 21, 2024, The Guardian**



# IMPACT TO OUR KIDS' BODY!

“plastic infant bottles produced up to 16 million MPs per liter when shaken with warm water,”

-April 2020, Chemosphere

“MPs can pass the placenta barrier which we already know is permeable to various potentially toxic substances”

-February 2020, Pubmed

“Studies indicate that babies ingest and inhale higher levels of microplastics compared to adults.”

-April, 2024, The Contributor

“Microplastics have been found in 75% of human breastmilk,”

-October 2020 The Guardian



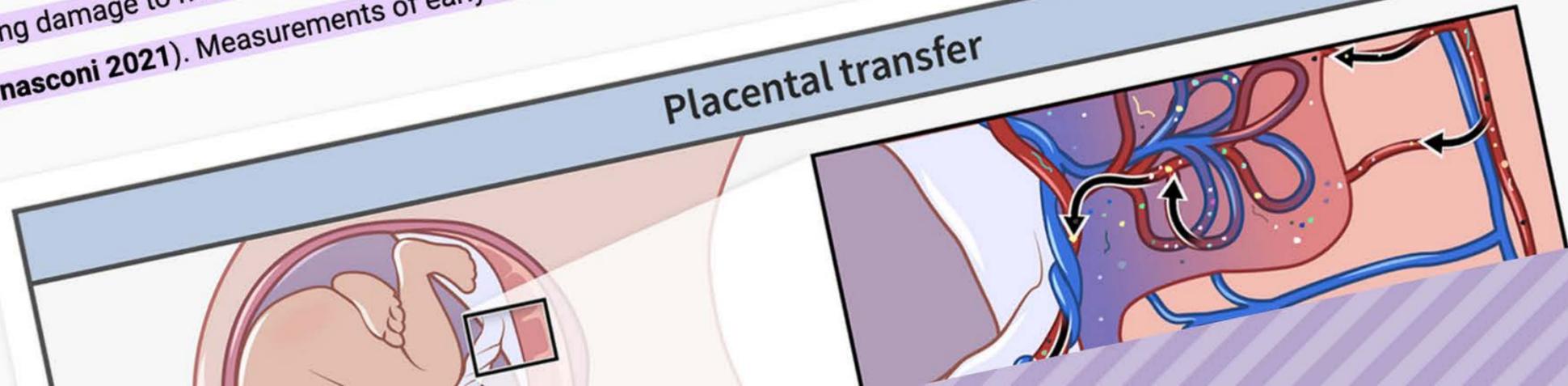
# IMPACT TO OUR KIDS' BODY!

<https://ehp.niehs.nih.gov/doi/10.1289/EHP9086#:~:text=These%20higher%20exposures%20occur%20at,term%20outcomes%20are%20therefore%20scarce.&text=The%20aim%20of%20this%20commentary,research%20and%20the%20relevant%20stakeholders.>

## A Children's Health Perspective on Nano- and Microplastics

Pregnancy and childhood are windows of vulnerability to environmental toxicants, as research over the last several decades has established (Landrigan and Etzel 2013). Early life exposures to hazardous chemicals, even in small quantities, can impact human health over the entire life span (Vizcaino et al. 2014). During infancy and childhood, child-specific behaviors, such as crawling and hand-to-mouth activity, mean that children are exposed to the environment in different ways than adults (Moya et al. 2004). Moreover, children eat, drink, and breathe more per unit body weight than adults. Consequently, pollutants in the environment are disproportionately taken up by the youngest, and we believe the same is true for NMPs (Figure 2). These higher exposures occur at the same time as critical development of the neurobehavioral, immune, metabolic, cardiovascular, and other important body systems. Children also have more years of life ahead of them than adults, making the early years a critical window to prevent long-lasting damage to health. Nevertheless, very little research on NMPs has taken an early life exposures approach (Street and Bernasconi 2021). Measurements of early life exposures to NMPs, their toxicity, and long-term outcomes are therefore scarce.

### Placental transfer



# SCIENTISTS FIND LINKS



## LOW TESTOSTERONE

Two studies (2022, 2024) showed growing presence of microplastics as possible cause.

2024 study showed microplastics in 100% of human testes (of those tested)

## INFLAMMATION

ACS concluded in 2023 that microplastics cause inflammation simply as a result of their presence which causes oxidative stress

## HEART DISEASE

The presence of microplastics in high concentrations lead to a 4.5X increase in likelihood of heart disease and stroke.

Microplastics cause red blood cells to stick together

## ALZHEIMERS

2025 article by Nature... individuals with Alzheimer's had a higher concentration of microplastics in their brain and liver than the control group

## AUTISM & CANCER

2023 Mice study - at the bottom of the list, Pre/Post natal exposure of microplastics as potential risk factor of autism.

UCSF Meta Study show potential link with microplastics & Cancer



EARLY 2023



THERE  
IS  
HOPE!

EARLY 2023





EARLY 2023



I D E A

NOV. 2023

plastictox  
ARROW  LAB SOLUTIONS

NOV. 2023

FIRST  
MICROPLASTIC  
PARTICLE TEST  
IN THE WORLD

AT-HOME /  
IN-OFFICE  
TEST

EASY  
FINGER  
PRICK

TESTED IN THE  
ONLY 100%  
PLASTIC-FREE  
LAB FACILITY  
IN WORLD

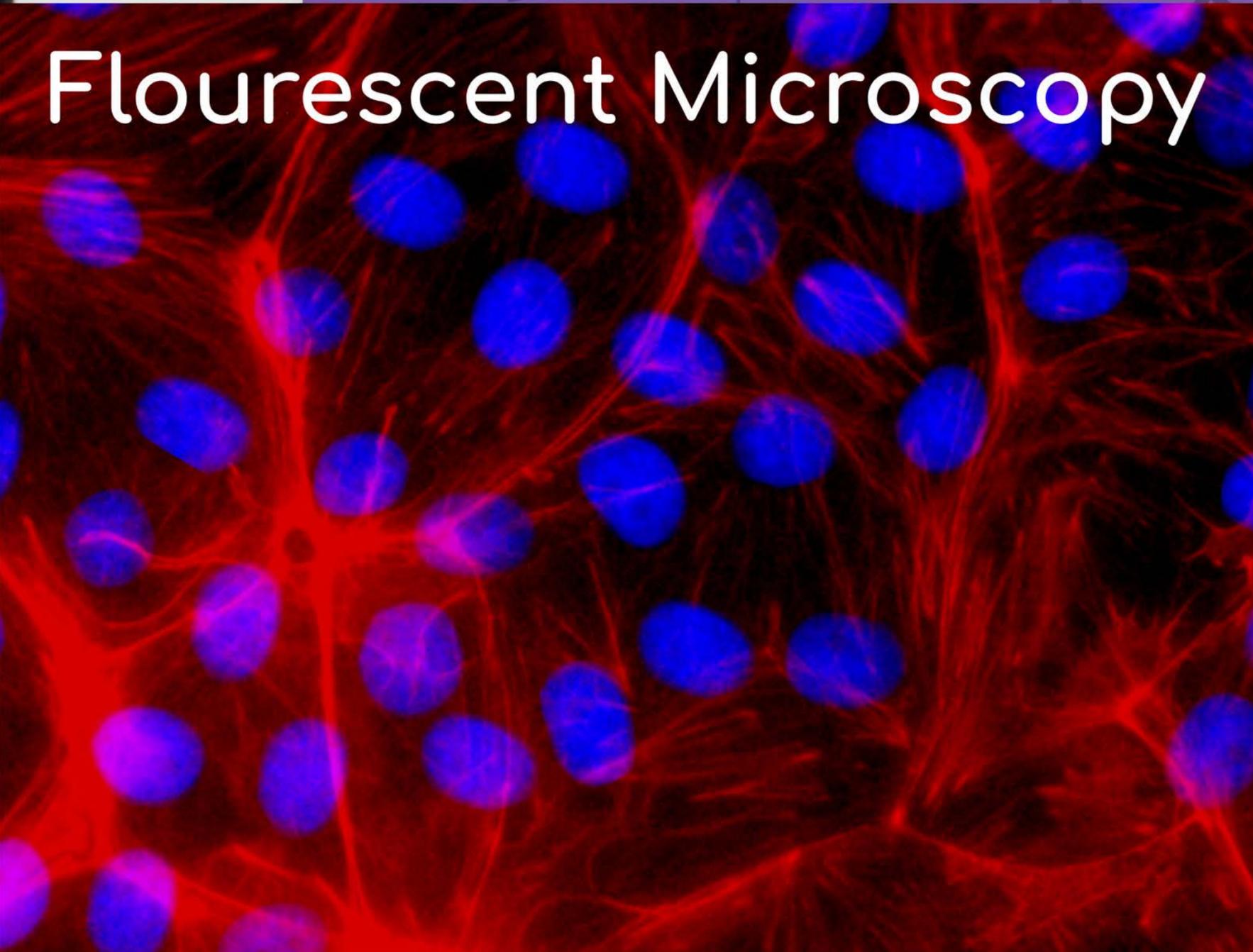
I D E A

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NOV. 2023



# Flourescent Microscopy



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ARROW LAB SOLUTIONS





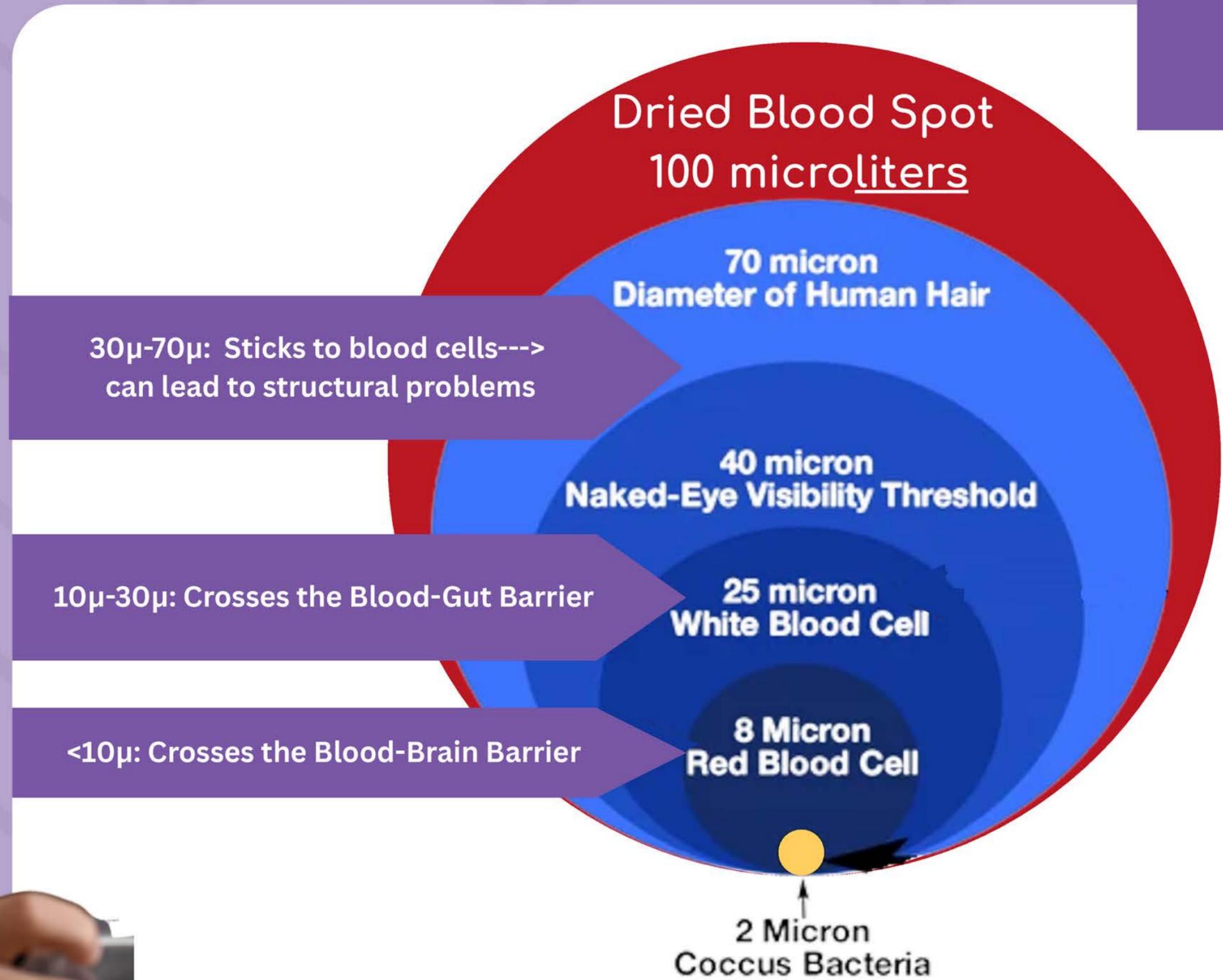
AUG. 2025



AUG. 2025



# MICRO-PLASTIC



Name : DENIECE KREBS  
 Address : 284 BEACON HILL LN Fisherville Zip Code : 40023

**Test & Sample Information**

PlasticTox Standard Screen

Test Date : 2024-12-03  
 Report Date : 2024-12-03

Sample ID : PTX10000026  
 DOC : 2024-11-12  
 Repeat Sample : No

**DETECTED**

**Results**

**<10 µm**

**49**

Calculated Concentration\*: 910 P/ml

30 -70 µm

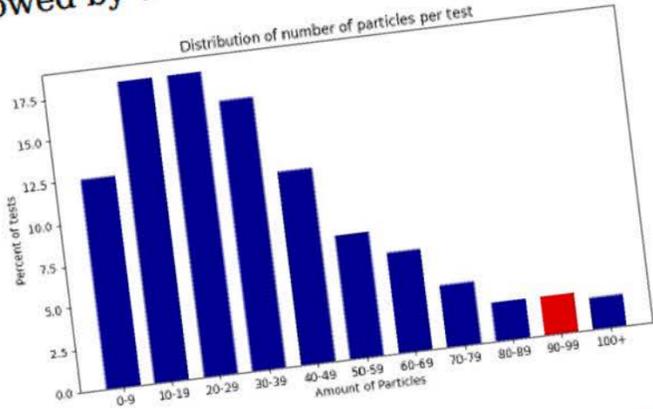
0

**NOT DETECTED**

\* Calculated concentration is based upon assumed collection of a 100µl sample.

**Results Explained**

Microplastics can occur in many shapes and sizes. Our results are categorized in such a way to provide maximum insight to detect the vector of contamination. We categorize our microplastics by size, providing quantitative results for each individual subset of plastic, followed by the total amount of microplastics detected across all sizes.



While the optimal amount of plastic detected is zero, based upon our collected data, we have determined the following levels of microplastics. They are color coded as following:

Low 0-9	Low 10-19	Low 20-29	Mid 30-39	Mid 40-49	Mid 50-59	Mid 60-69	High 70-79	High 80-89	High 90-99	High 100+
---------	-----------	-----------	-----------	-----------	-----------	-----------	------------	------------	------------	-----------

Above scale allows you to compare your results against all results generated at the time of your test.

Compared to prior results , 2.3% of tests fall in the same category, 95.8% of tests shows less microplastics and 0% of tests more microplastics were detected. The distribution graph is updated with every single test, for the most recent version please visit [plastictox.com](http://plastictox.com)



**Disclaimer & Methodology**

Not approved by a CLIA/COLA certified lab, Plastictox is not a... manual and...

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**<10  $\mu\text{m}$**

**49**

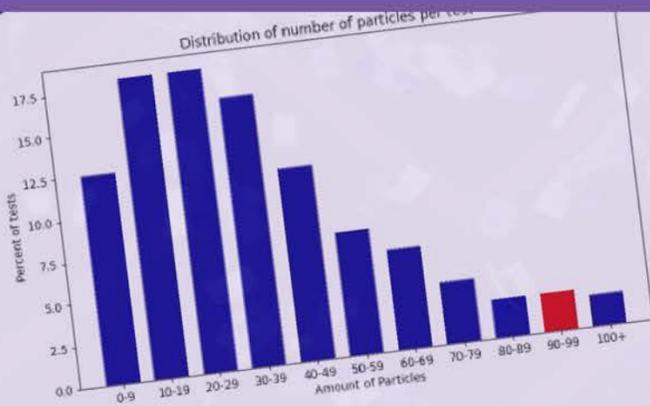
Calculated Concentration\*: 910 P/ml

**NOT DETECTED**

\* Calculated concentration is based upon assumed collection of a 100 $\mu\text{l}$  sample.

**DETECTED**

**<10 $\mu$ : Crosses the Blood-Brain Barrier**



microplastics. They are categorized as follows:

Low 0-9	Low 10-19	Low 20-29	Mid 30-39	Mid 40-49	Mid 50-59	Mid 60-69	High 70-79	High 80-89	High 90-99	High 100+
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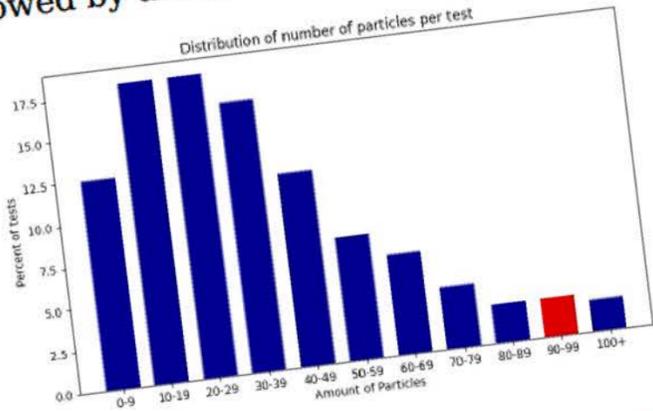
### Results

Microplastic Size	Particles Found	Presence	Total Concentration
10-30 $\mu\text{m}$			42

\* Calculated concentration is based upon assumed collection of a 100 $\mu\text{l}$  sample.

### Results Explained

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**DETECTED**



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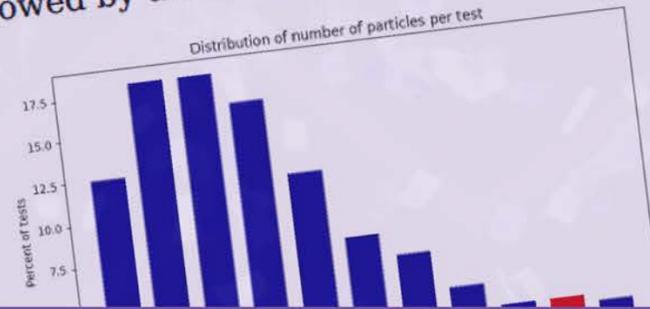
**10-30  $\mu\text{m}$**

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**DETECTED**

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Low 0-9	Low 10-19	Low 20-29	Mid 30-39	Mid 40-49	Mid 50-59
---------	-----------	-----------	-----------	-----------	-----------

Above scale allows you to compare  
at the time of your test.



**10 $\mu$ -30 $\mu$ : Crosses the Blood-Gut Barrier**

annual and

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Address : 284 BEACON HILL LN Fisherville Zip Code : 40023

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Sample ID : PTX10000026  
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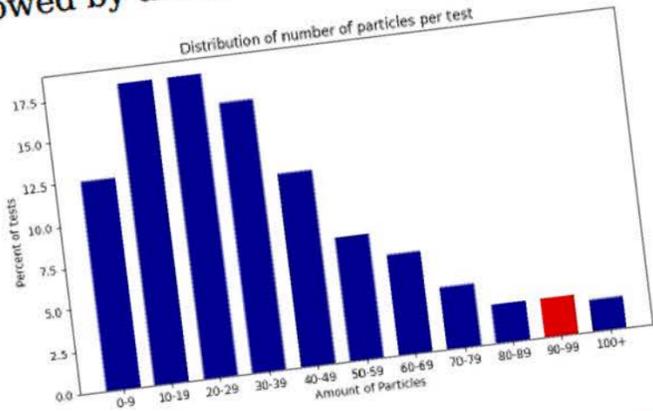
Microplastic Size	Particles Found	Presence	Total Concentration
<10 µm	49	DETECTED	0

30 - 70 µm

NOT DETECT

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Microplastic Size	Particles Found	Presence	Total Concentration
<10 $\mu\text{m}$	49	DETECTED	DETECTED

30 - 70  $\mu\text{m}$

NOT DETECT

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30 $\mu$ -70 $\mu$ : Sticks to blood cells--->  
can lead to structural problems

High  
20+

Compared to prior results, 2.3% of tests fall in the same category, 50%  
of tests more microplastics were detected.  
The distribution graph is updated with every single test, for the most recent version please visit [plastictox.com](http://plastictox.com)

### Disclaimer & Methodology

PlasticTox is not a  
manually approved by a CLIA/COLA certified lab, PlasticTox is not a  
lifestyle changes.



Name : DENIECE KREBS  
 Address : 284 BEACON HILL LN Fisherville Zip Code : 40023

**Test & Sample Information**

PlasticTox Standard Screen

Sample ID : PTX10000026  
 DOC : 2024-11-12  
 Repeat Sample: No



**Results**

Microplastic Size	Particles Found	Presence	Total
<10 µm	49	<b>DETECTED</b>	<b>DETECTED</b> Total Particles: 91 Calculated Concentration*: 910 P/ml
10-30 µm	42	<b>DETECTED</b>	
30 -70 µm	0	<b>NOT DETECTED</b>	

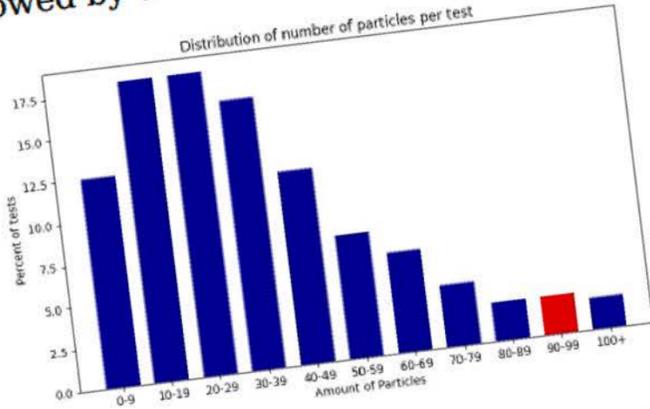
\* Calculated concentration is based upon assumed collection of a 100µl sample.



**Results Explained**

Microplastics can occur in many shapes and sizes. Our results are categorized in such a way to provide maximum insight to detect the vector of contamination. We categorize our microplastics by size, providing quantitative results for each individual subset of plastic, followed by the total amount of microplastics detected across all sizes.

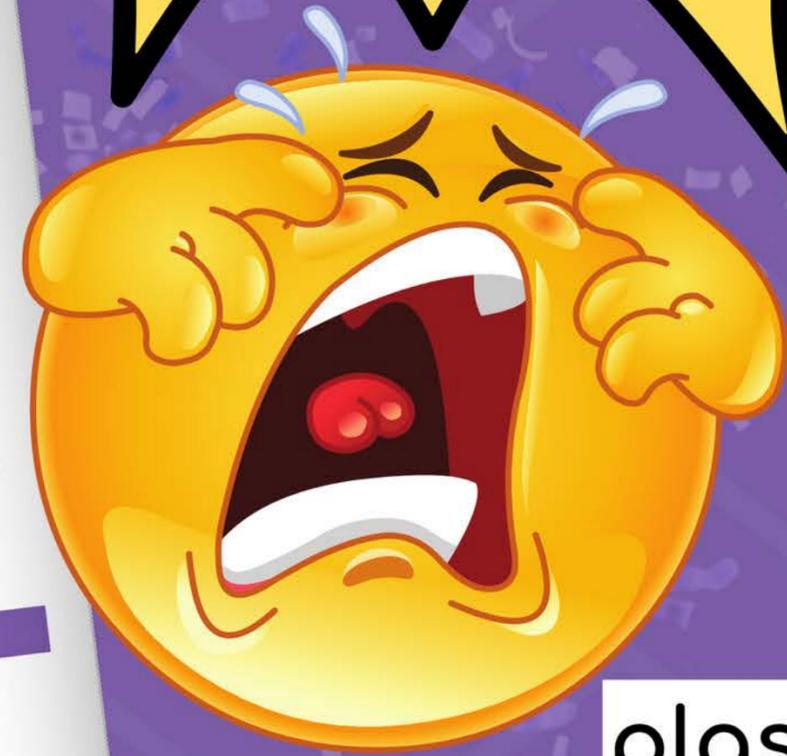
While the optimal amount of plastic detected is zero, based upon our collected data, we have determined the following levels of microplastics. They are color coded as following:



Low 0-9	Low 10-19	Low 20-29	Mid 30-39	Mid 40-49	Mid 50-59	Mid 60-69	High 70-79	High 80-89	High 90-99	High 100+
---------	-----------	-----------	-----------	-----------	-----------	-----------	------------	------------	------------	-----------

Above scale allows you to compare your results against all results generated at the time of your test.

Compared to prior results , 2.3% of tests fall in the same category, 95.8% of tests shows less microplastics and 0% of tests more microplastics were detected. The distribution graph is updated with every single test, for the most recent version please visit [plastictox.com](http://plastictox.com)



**Disclaimer & Methodology**

Not approved by a CLIA/COLA certified lab, Plastictox is not a... manual and...

Test

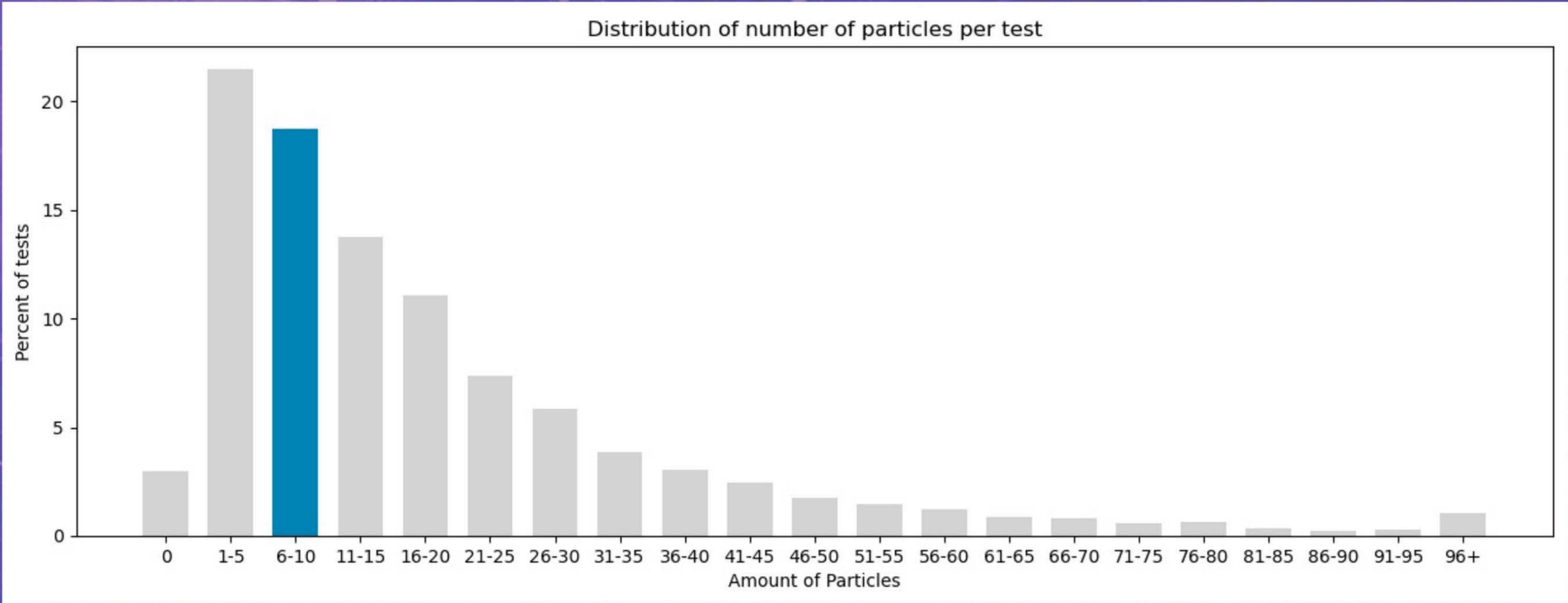
PL  
S  
D  
R

Res

Re

5000 ml in a body  
x 910 p/ml in me  
4,550,000  
particles in my body!





Total Samples tested to date = 3000

# The Path Perils & Prognosis





RECLAIM  
YOUR BODY &  
YOUR LIFE!





**Client Information**

Name : Plastic Man

Date of Birth : 1987

Address : USA

Zip Code

**Test & Sample Information**

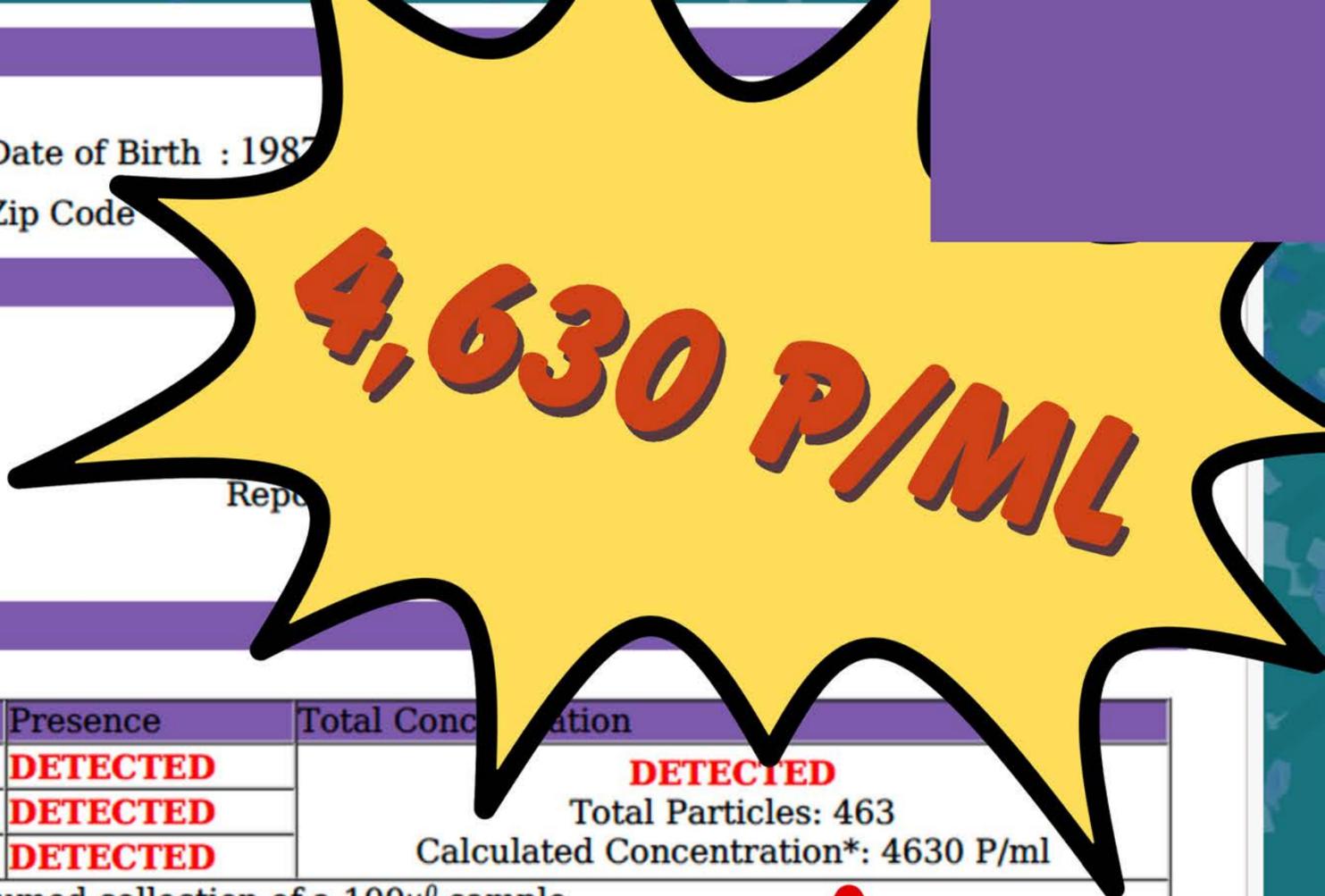
PlasticTox Standard Screen

Sample ID : PTX10000019

DOC : 2024-11-12

Repeat Sample : No

Repe



**Results**

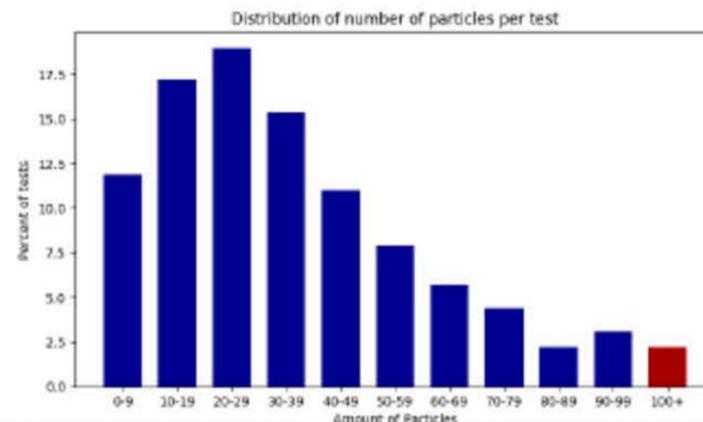
Microplastic Size	Particles Found	Presence	Total Concentration
<10 µm	211	<b>DETECTED</b>	<b>DETECTED</b> Total Particles: 463 Calculated Concentration*: 4630 P/ml
10-30 µm	250	<b>DETECTED</b>	
30 -70 µm	2	<b>DETECTED</b>	

\* Calculated concentration is based upon assumed collection of a 100µl sample.

**Results Explained**

Microplastics can occur in many shapes and sizes. Our results are categorized in such a way as to provide maximum insight to detect the vector of contamination.

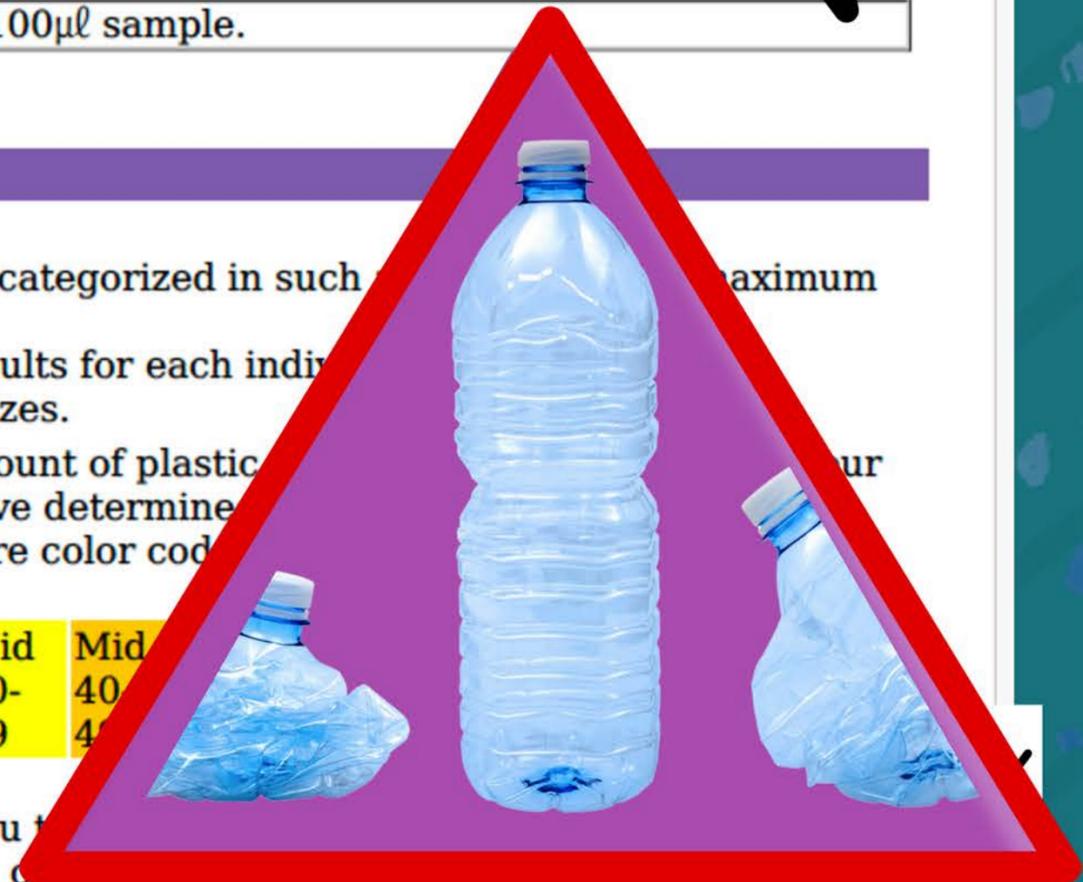
We categorize our microplastics by size, providing quantitative results for each individual size category followed by the total amount of microplastics detected across all sizes.



While the optimal amount of plastic collected data, we have determined the most common microplastics. They are color coded as follows:

Low	Low	Low	Mid	Mid
0-9	10-19	20-29	30-39	40-49

Above scale allows you to compare results generated at the time of



# 4-STEP LIFESTYLE



1

## TEST

- What is YOUR number?
- 
- Take your PlasticTox Test today!
- 

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1

# TEST NOW

VirtualClinic.  
MD



RETAIL = \$299  
VC Portal = \$150/ea  
10-Pack = \$1,300 (\$130/ea)

# 4-STEP LIFESTYLE

1

## TEST

- What is YOUR number?
- 
- Take your PlasticTox Test today!
- 

- 
- 
- 
- 
- 
- 
- 
- 
- 

2

## TOUR

- Take inventory of your home and life.
- 
- Room by room; Item by item.
- 

- 
- 
- 
- 
- 
- 
- 
- 
- 



# 2 TOUR

## Kitchen

### Top Culprits:

- Pots & Pans
- Storage
- Cooking Utensils
- Water bottles
- Ziplock bags
- Grocery bags



# MY RULE



- **NEVER**
- 
- 
- Food +
- 
- Plastic +
- 
- HEAT
-

# 2 TOUR

## Bathroom

### Top Culprits:

- Toothbrush
- Shower curtain
- Personal care products
- Scrubbies
- Rugs



# 2 TOUR

## Bedroom

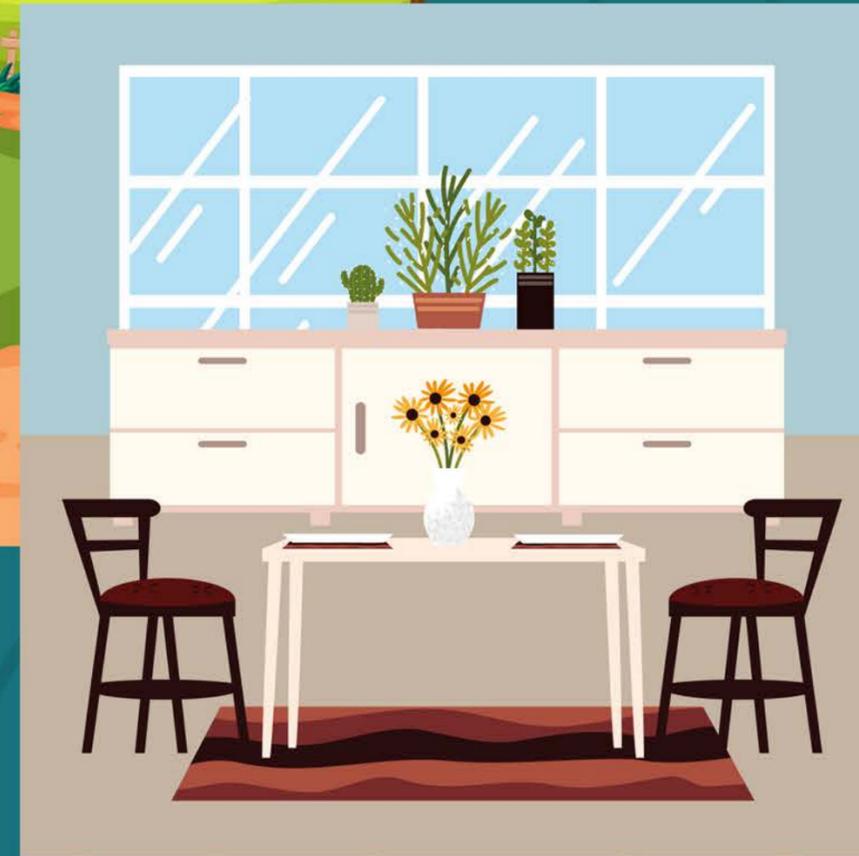
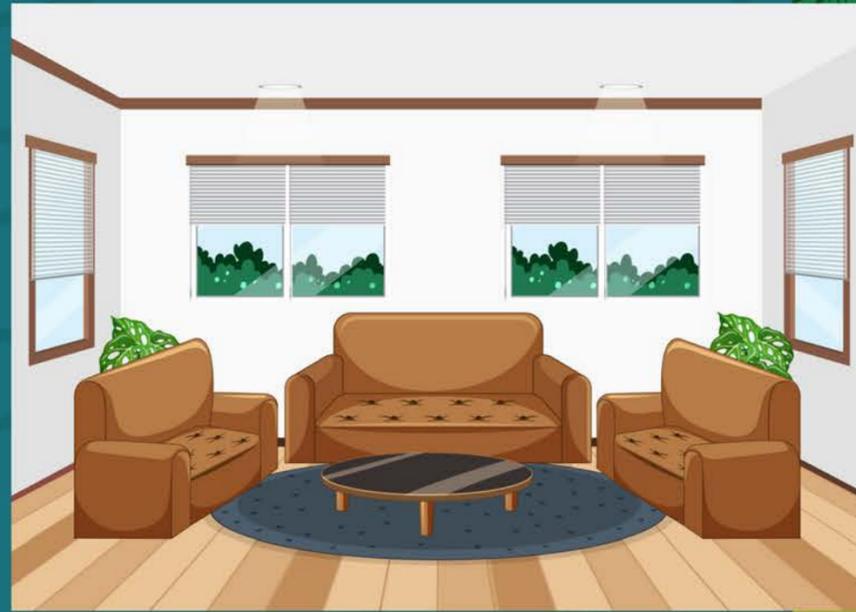
### Top Culprits:

- Bedding
- Clothes
- Shoes
- Carpets & Rugs



2

TOUR



2

TOUR



# 4-STEP LIFESTYLE



## 1 TEST

- What is YOUR number?
- 
- Take your PlasticTox Test today!
- 

## 2 TOUR

- Take inventory of your home and life.
- 
- Room by room; Item by item.
- 

## 3 TAKE-OUT

- Remove plastic culprits from home, life, and body!
- 
- 
- 





# TAKE OUT OF WATER



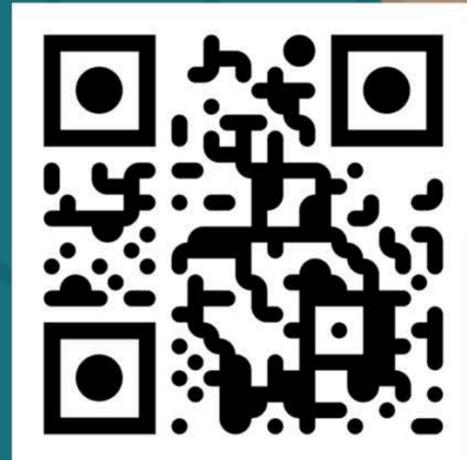
Reverse Osmosis  
Water Filter

Distilled Water



Activated  
Charcoal

Filtered  
Water Bottle





# TAKE OUT OF AIR

HEPA  
Air Filter



Reverse Osmosis  
Water Filter





# TAKE OUT OF OUR BODY

According to Science Direct, “humans consume, on average, one credit card size worth of plastic per WEEK...”



Plastic Pat

3

TAKE OUT OF  
OUR BODY

According to the  
Director of the  
on average, the  
of size is  
this translates to  
“this translates to  
50 grocery size  
bags per year.”



3

# TAKE OUT OF OUR BODY



Reverse Osmosis  
Water Filter

HEPA  
Air Filter

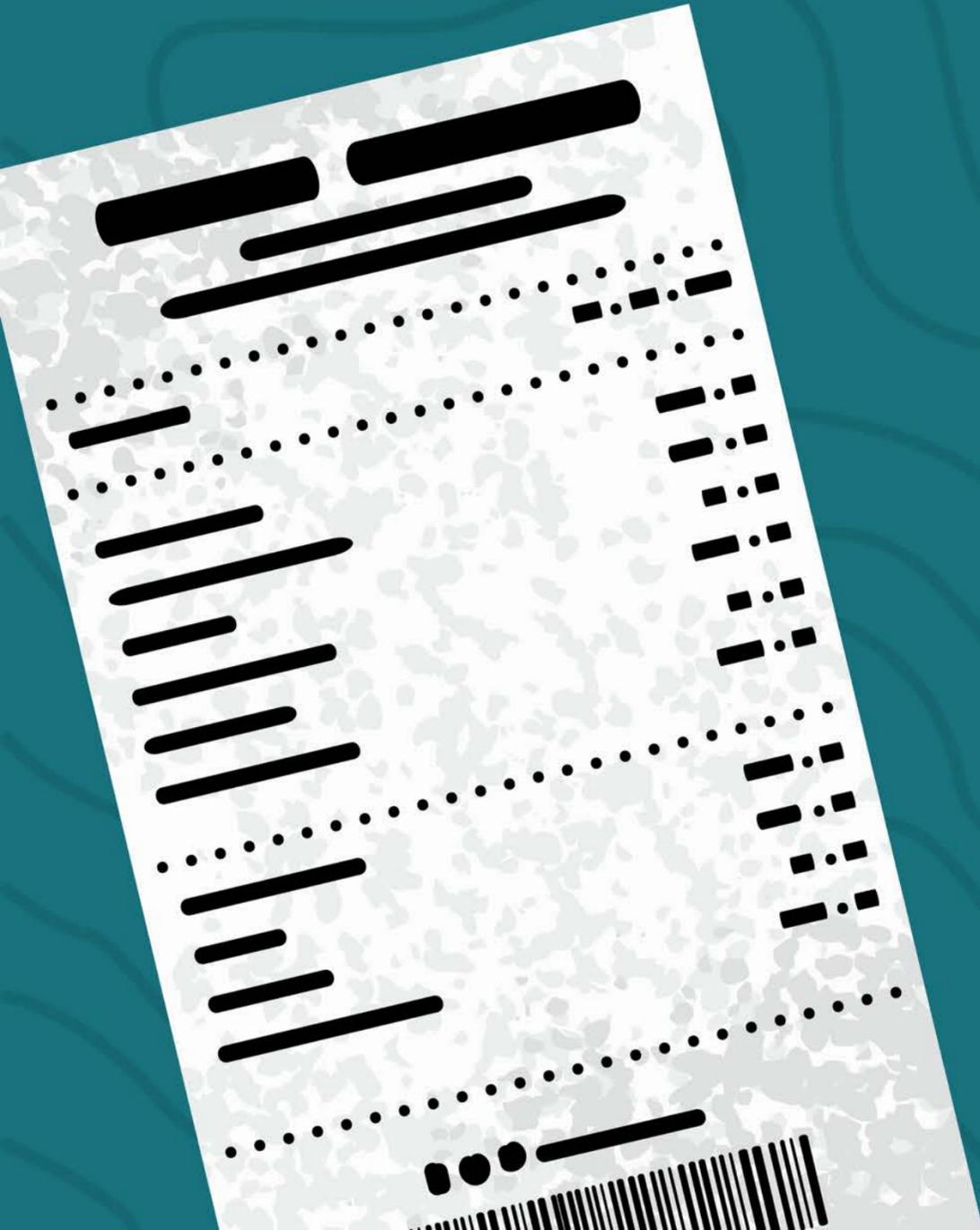


Sauna



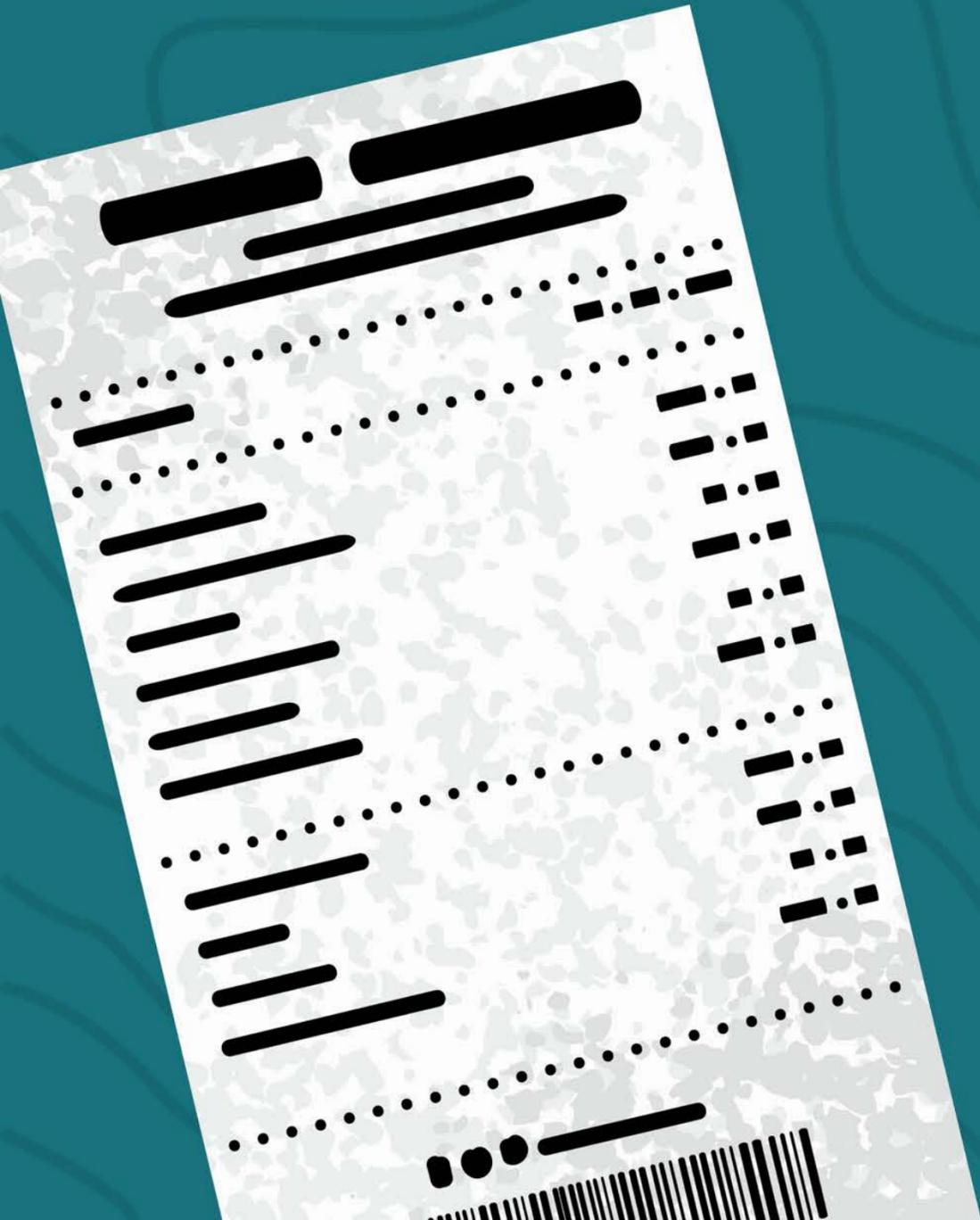


# TAKE OUT OF OUR BODY





# TAKE OUT OF OUR BODY



Published  
August 18, 2021



shareable science

with Dr. Neil Lamb

 Share

 Tweet

 Share

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 Share

## Upcycling plastic bottles into vanilla flavoring

Baking is one of my favorite pastimes. There is just something so soothing and stress relieving about carefully measuring each ingredient, mixing them together, and ending up with a delicious cake, loaf of bread or batch of cookies.

Given my love of baking, I am always keeping tabs on the continually escalating price of pure vanilla extract. This past Christmas my family gifted me a 16-ounce bottle of pure vanilla extract with an eye-popping \$80 price tag. Authentic pure vanilla extract is made from soaking vanilla pods in alcohol, which releases about 250 taste and aroma components from the pod.

Vanillin is the primary component of extracted vanilla beans that is responsible for the characteristic vanilla smell and taste. This molecule is in high demand in the food, cosmetic, and herbicide industries (yes, you read that correctly – vanillin is often used in the production of weed killers). Because pure vanilla extract takes a lot of labor and land to produce, manufacturers have found ways to synthesize vanillin from other sources like wood tar or lignin from woody plants to keep up with the high demand for vanilla flavoring.

Unfortunately, these synthesis processes use fossil fuel inputs and create a significant



3

# TAKE OUT OF OUR KID'S BODY



3

# TAKE OUT OF OUR BODY

HEPA  
Air Filter



Infrared  
Sauna

Continuing  
Research



Reverse Osmosis  
Water Filter



# 4-STEP LIFESTYLE



**1**

## TEST

- What is YOUR number?
- 
- Take your PlasticTox Test today!
- 

**2**

## TOUR

- Take inventory of your home and life.
- 
- Room by room; Item by item.
- 

**3**

## TAKE-OUT

- Water
- Air
- "Stuff"
- Body
- Food
- LIFESTYLE
- 

**4**

## TEST

- Re-test in 6-mos
- 
- See how you've done to reduce your number!
-

4

# TEST (again)

VirtualClinic.  
MD



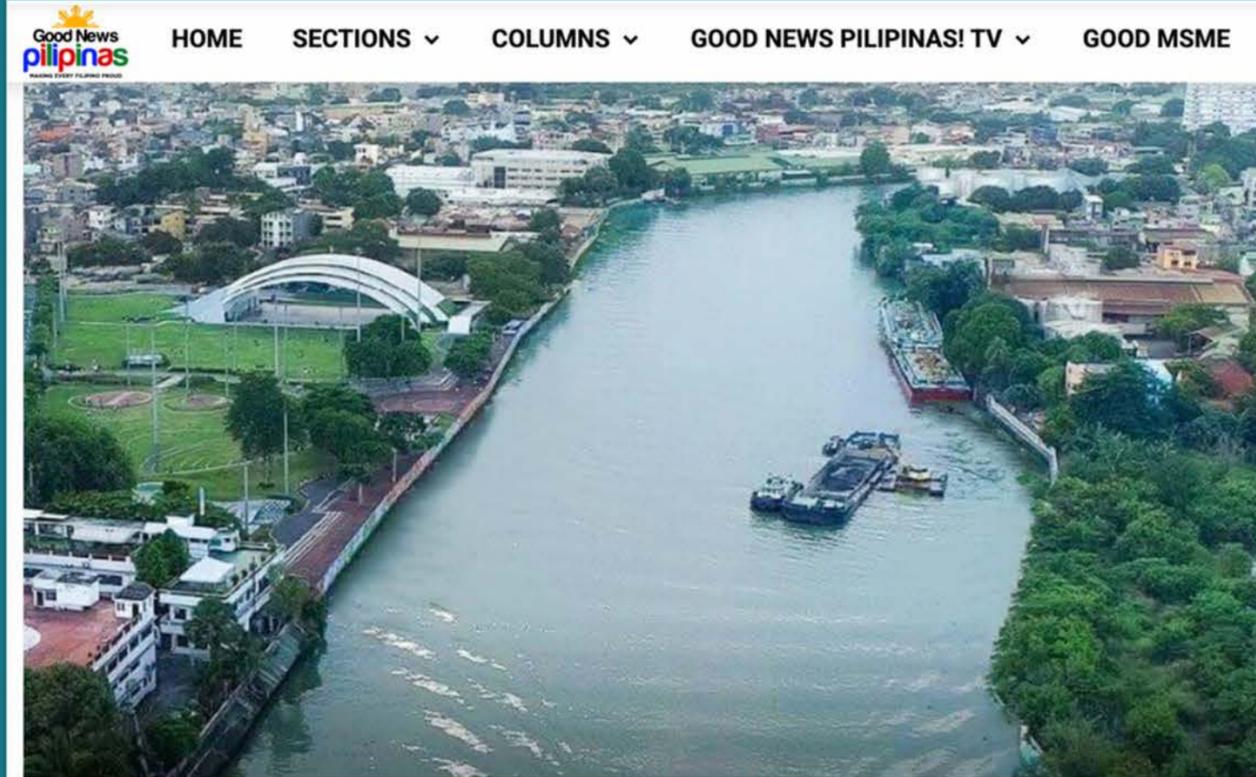
RETAIL = \$299  
VC Portal = \$150/ea  
10-Pack = \$1,300 (\$130/ea)

## Philippine 'river warriors' fight tide of trash for cleaner waters



1 of 2 Above: A river warrior picking up trash from the polluted Pasig River in Manila earlier this week. The river warriors are a decade-old group of about 100 people who work to clear the glut of garbage floating or washed up along the notorious river. Left: A group of river warriors gathering trash to be taken to a boat in San Juan River, a tributary of Pasig River, earlier this week. PHOTOS: REUTERS

PUBLISHED JUN 26, 2021, 05:00 AM



Pasig River ushers in a new era as it sheds off 1.3 million tons of silt and solid waste. SMC photo.

A breakthrough for Philippine environmental action is being marked this July with a two-year massive cleanup drive in critical sections of the Pasig River nearing its 1.5 million tons of waste removal target to help increase its depth, promote faster water flow, and lessen chances of severe flooding in nearby communities.

The Pasig River cleanup project is well on its way to the finish line with over 1.3 million tons of silt and solid waste removed from the Pasig River as of July 6, 2023. The overall goal to dispose of 1.5 million tons of trash is projected to be fulfilled by August this year, reported San Miguel Corporation (SMC), the lead organization in the project.

<https://www.straitstimes.com/asia/se-asia/philippine-river-warriors-fight-tide-of-trash-for-cleaner-waters>

<https://www.goodnewspilipinas.com/pasig-river-cleanup-breakthrough-1-3-million-tons-of-waste-removed-to-ease-pollution-and-flooding/>

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COMMUNITIES**  
SURFERS AGAINST SEWAGE

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# PLASTIC FREE COMMUNITIES

Let's Free Where We Live From Single Use!

FALMOUTH  
**PLASTIC FREE  
FALMOUTH**  
SURFERS AGAINST SEWAGE



the local  
community to  
tackle single  
use plastic

# Help Curb Global Plastic Pollution: Just Say “No” to Straws



**Did you know that each day the US uses an estimated 500 million straws—enough disposable straws to fill over 46,400 large school buses per year?**

In February of 2011, Milo Cress (then nine years old) founded the Be Straw Free Campaign project to work together with members of the straw industry, restaurants and other businesses, schools, environmental groups, and concerned citizens to reduce the use and waste of disposable plastic straws.

Join Milo and Eco-Cycle in enjoying drinks straw-less—**take the pledge to Be Straw Free!**





# EXCITING DEVELOPMENTS





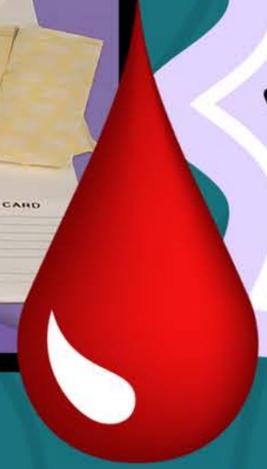
1

# TEST TODAY

**SPECIAL OFFER**



**VirtualClinic.MD**



RETAIL = \$299

VC Portal = ~~\$150/ea~~ **\$125/EA**

10-Pack = ~~\$1,300~~ (\$130/ea)

**10-PACK = \$1,100 (\$110/EA)**

## References

- <https://pmc.ncbi.nlm.nih.gov/articles/PMC7460848/#:~:text=It%20is%20included%20in%20the,presence%20of%20an%20acid%20catalyst>
- <https://plasticshof.org/members/alexander-parkes/>
- <https://www.sciencehistory.org/education/scientific-biographies/leo-hendrik-baekeland/>
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- <https://news.sky.com/story/microplastics-found-in-penises-for-first-time-researchers-say-raising-questions-over-impact-on-sexual-health-13155260>
- [https://pubs.acs.org/doi/epdf/10.1021/envhealth.3c00052?ref=article\\_openPDF](https://pubs.acs.org/doi/epdf/10.1021/envhealth.3c00052?ref=article_openPDF)
- <https://www.theepochtimes.com/opinion/to-make-america-healthy-again-we-urgently-need-more-microplastics-research-5806365>
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- <https://ehp.niehs.nih.gov/doi/10.1289/EHP9086#:~:text=These%20higher%20exposures%20occur%20at,term%20outcomes%20are%20therefore%20scarce.&text=The%20aim%20of%20this%20commentary,research%20and%20the%20relevant%20stakeholders.>