Noah Lyles celebrates with

winning the 100-meter gold at

the Olympics on Aug. 4, 2024.

Jamaican sprinter, Junelle

Bromfield, had left her spikes at

the massage therapist, which is

next to the Olympic village.

Bromfield asked him to pick up

her bag. His reward for the great-

est moment of his professional life

was carrying her bag and some toi-

etries back to the Olympic village,

walking gingerly at 2 A.M. "Here I

am," Lyles said with a smile, feign-

ing exasperation, "Olympic cham-

pion in the 100m, waddling to my

girlfriend's room with all this stuff

"m a good boyfriend." said Lyles.

A self-described showman who

thrives on a large audience, Lyles,

ran from behind for much of the

first 90 meters while chasing down

Jamaica's Kishane Thompson to a photo finish. The sprinters waited

nervously at the finish line, watch-

ing the scoreboard for results.

While Lyles' times may not be

quite on a Usain Bolt level, his

accomplishments, in terms of vic-

tories, are on par with Bolt's at his

best. Carl Lewis in 1984 and Jesse

Owens in 1936, both of whom

added the long jump to their gold

medal collections, are the only two

sprinters who earned more

medals in a major international

championship. So, Lyles is a pretty

big deal. It would be fair to call

him an 'international athletic

superstar.' He has reached a level

rarely seen.

of dominance that the sport has

the American flag, after

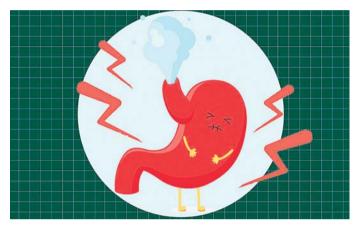
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#RESEARCH

Sugar-free Treats Can Give You Gas

Do sugar-free candy and gum give you gas? Researchers think they know why.





hol, is used in sugarfree gum, mints, candy, and other products. It is also found naturally in pears, avocados, and other foods. At high levels, sorbitol can cause bloating, cramps, and diarrhea. For some peo ple, even a small amount caus es digestive upset, a condition known as sorbitol intolerance.

A new study with mice found that taking antibiotics. combined with a high-fat diet, reduced the number of Clostridia gut microbes. which can break down sorbitol. "Our research suggests that microbial sorbitol degradation normally protects the host against sorbitol intolerance. However, an impairment in the microbial ability to break down sorbitol causes sorbitol intolerance," says Jee-Yon Lee, first author of the study. Lee is an assistant Project Scientist in the University of California, Davis Medical Microbiology and Immunology depart-

The researchers used metagenomic analysis to identify which gut bacteria have genes that make the enzyme which breaks down sorbitol. They also identified which of those gut bacteria were plentiful before, but not after antibiotic treatment. This analysis allowed them to zero in on gut microbes belonging to the

Clostridium.

Clostridium are anaerobic meaning that they don't like environments with oxygen. The researchers found that after the mice were given antibiotics and fed a diet, high in saturated fat, the cells lining the gut used less oxygen. This created a higher level of oxygen in the gut, decreasing Clostridia. Without enough Clostridia, sorbitol was not

sorbitol again In one, they fed the mice

broken down in the gut. The researchers performed several experiments to try to restore the gut bacteria so that it could break down

Anaerostipes caccae, a gut bacterium that produces butyrate. Butyrate is a shortchain fatty acid produced as part of the normal fermentation process in the gut. It enhances oxygen usage by the cells that line the gut, the epithelial lining, which reduces oxygen levels in the

Regulating the oxygen level with Anaerostipes caccae restored the normal levels of Clostridia, which protected the mice from sorbitolinduced diarrhoea, even after the butyrate-producing bacteria had been cleared from the mouse's digestive system. The researchers suggest that a drug used to treat ulcer-

ative colitis. Crohn's disease and other inflammatory bowel diseases, *mesalazine* (5revealed that he had won by one of aminosalicylate), may be a the narrowest margins, just fivethousandths of a second. In a treatment for sorbitol intolerance in humans. Mesalazine, nerve-wracking final at the Stade de France, the charismatic 27also known as mesalamine functions similarly to the year-old from Florida took gold by butyrate-producing bacteria, a fraction of a second, narrowly restoring the low oxygen levbeating Jamaica's Kishane els in the intestine preferred Thompson. Lyles' winning time by Clostridia. was 9.784 seconds, compared to

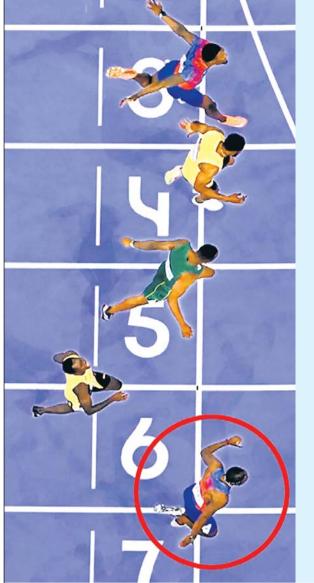
"This discovery is crucial given the prevalent use of sorbitol and similar sugar alcohols in the production of ketofriendly diet foods that are high in fat content." Lee says

"It also highlights the importance of oxygen con sumption by the epithelial lining in the intestines, in main taining a healthy balance of bacteria, especially Clostridia, for proper digestion of certain sugars.'

An important limitation of the study is that mice can tolerate much higher sorbitol levels than humans. Clinical studies will be needed to test hypothesis that mesalazine could treat sorbitol intolerance in humans.

"Our study provides a

completely new starting point for approaches to diagnose prevent, and treat sorbitol intolerance," says Andreas Baumler, senior author of the study. Baumler is a distinguished professor and vice chair of research in the UC Davis Medical Microbiology and Immunology department.



The writer is a

all it a sprint or a

dash, it was the race

of the century. A

capacity crowd of

80.000 at the Stade

de France in Paris

watched with bated

breath, as the race

that lasted less than

10 seconds, saw the

United States' Noah

Lyles emerge as the planet's

fastest man, winning the 100-

meter dash at the Paris Olympics.

Noah Lyles clinched a *photo-finish*

victory in the closest 100m final in

modern Olympic history on

Sunday ending the United States'

20-year wait to recapture the

world's most prestigious sprinting

An Amazing Photo Finish

Thompson's 9.789 seconds, though

both men's times will be recorded

as 9.79 seconds. It was the narrow-

est margin of victory since elec-

tronic timing began being used at

the Olympics. Lyles' compatriot,

Fred Kerley, took bronze with a

electronic scoreboard in the arena

simply displayed 'photo' next to

seven of the eight finalists. After

an agonizing wait of several sec-

onds, Lyles' victory was con-

firmed, sparking wild celebra-

tions from the reigning 100m and

200m world champion, who is

regarded as one of the global

ed Lyles said. "It's a hard battle,

Everybody's healthy, everybody

came prepared for the fight, and I

wanted to prove that I'm the man

among all of them. I'm the wolf

among wolves." Lyles admitted

that even he doubted whether he

had clinched the gold. "I went up

to Kishane and said, "I'm gonna be

honest, bro, I think you had that

one."" Lyles recalled. "And I was

fully prepared to see his name pop

up. But when I saw my name

instead, I was like, goodness gra-

three years for Lyles, who left the

pandemic-hit Tokyo Olympics in

tears, after a disappointing cam-

paign, citing his mental health

This win caps a roller coaster

cious. I'm incredible.

"It's the one I wanted," an elat-

amazing opponents.

superstars in athletics.

The race was so close that the

time of 9.81 seconds

Eight men, the entire starting field, in the 100 meters finished in under 10 seconds, a historic first for a wind-legal race, according to World Athletics, the governing body for athletics, including track and field. The race was so tight that the gold medalist, Team USA's Noah Lyles, and the silver medalist, Jamaica's Kishane Thompson, both posted times of 9.79 seconds, with Lyles winning the battle of decimal places by 0.005 seconds. The last-place finisher, Jamaica's Oblique Seville, posted a time of 9.91 seconds, which would have been good enough for fourth place at the 2020 Tokyo Olympics, according to Olympic records. The race saw the fastest times ever for fourth, fifth, sixth, seventh, and eighth places.

#OLYMPICS



struggles and battles with depression. Now, United States sprinter, Noah Lyles, has set the interner ablaze with his victory in the 100m final at the Paris 2024 Olympic Games on Sunday, August 4th. The Lyles-Thompson showdown was the latest chapter in the sprint rivalry between the US and Jamaica, that has gripped the sport for nearly two decades

Lyles had waited a long time to see the end of Jamaican dominance in the 100m and 200m events. He grew up with the ambition to break that monopoly, and the Paris Olympics saw his dreams fulfilled.

PHOTO FINISH

In sprints, as in swimming, a photo finish often determines the winner. The incredible photo finish. 0.005 seconds, puts Lyles ahead of Jamaica's Kishane Thompson, Lyles' celebration at the Stade de France, marking his 9.784-second dash, has fans, athletic champions, and celebrities alike, hyping up the newly minted Olympic champion across social

WHAT IS A PHOTO FINISH? Slit-Video System: The primary

ours after winning the race, Lyles was making another run, this time for his girlfriend. Jamaican sprinter, Junelle Bromfield, had left her spikes at the massage therapist, which is next to the Olympic village. Bromfield asked him to pick up her bag. His reward for the greatest moment of his professional life was carrying her bag.

technology, used to determine the winner in a photo finish, is the slitvideo system. This system scans an ultra-thin segment of the track precisely aligned with the finish line, capturing images 2.000 times per second. This provides an unbroken image of each athlete crossing the line, which is then synchronized

with the athlete's time. Backup Camera: In addition to the slit-video system, a backup camera is positioned on the other side of the field. This camera ensures that the finish is captured, even if a runner is obscured

by another athlete **Flash Timer:** The flash timer.

which records the final times of athletes, has a margin of error that, at worst, can be within 0.01 or 0.02 seconds of the official time. This margin is crucial in extremely close finishes like the one between Lyles and Thompson. The photo finish revealed that

Lyles' chest was the first part of his body to breach the finish line Although Thompson's foot seemed to cross the line before Lyles', the primary point of measurement for the 100-meter event is the torso, which includes the chest, abdomen, pelvis, and back. The slit-video system captures the finish line at an astounding 2,000 NBA legend Magic Johnson

tuned in to watch Lyles from his yacht, posting on X, "We're all on the vacht, cheering for Noah Lyles after winning the Men's 100m race and remaining the fastest man in the world! It's the first time in 20 vears that the US brings home the gold in the Men's 100! Wow, what an exciting race!!"

American actress Gabrielle Union also backed Lyles' performance, reposting Lyles' win on X, with the Olympic champion celebrating his victory, shouting, "America, I told you, I got this!" Union added, "My new ringtone." Eight men, the entire starting field, in the 100 meters finished in under 10 seconds, a historic first for a wind-legal race, according to World Athletics, the governing body for athletics. including track and field. The race was so tight that the gold medalist, Team USA's Noah Lyles, and the silver medalist, Jamaica's Kishane Thompson. both posted times of 9.79 seconds, with Lyles winning the bat-

tle of decimal places by 0.005 seconds. The last-place finisher. Jamaica's Oblique Seville, posted a time of 9.91 seconds, which would have been good enough for fourth place at the 2020 Tokyo Olympics, according to Olympic records. The race saw the fastest times ever for fourth, fifth, sixth, seventh, and eighth places. Lyles ran the fastest. Six final-

ists in Tokyo finished in under 10 seconds, with one runner disqualified and one posting a "did not finish." His coach, Ralph Mann, a 1972 Olympic silver medalist in Munich in the 400m hurdles, told him before the meet that this was going to be close. "Kyles held his fingers less than an inch apart," he told me. "This is what the distance between first and second is going to be. I can't believe how right he was.

Hours after winning the race, Lyles was making another run

this time for his girlfriend. rajeshsharma1049@gmail.com

#FESTIVE FEAST

REIMAGINING GHEVVAR

Innovative chefs are reimagining 'Ghewar,' the traditional Indian sweet, commonly eaten during *Teej* and Raksha Bandhan celebrations, with modern flavours and formats. From bite-sized delights to fusion creations, these contemporary adaptations celebrate the rich heritage of *ghewar* while embracing health-conscious trends, making this beloved *mithai* more enjoyable.



and City Blogger

he festival of Teej is syn-

onymous with donning

the vibrant Leheriya and savouring Ghewar, a discshaped Rajasthani sweet with a honeycomb-like texture, conventionally made from ghee, maida, and sugar syrup. Traditionally, the options for Ghewar were limited to the classic plain version or the creamy malax one, if one was in the mood for something indulgent. However, contemporary culinary creativity has transformed this traditional sweet into a diverse array of offerings. Today, one can find innovative bitesized Ghewars in unique flavours that cater to the calorie-conscious foodies, alongside healthier alternatives made from millet and wheat, for those mindful of their diet. This trend reflects not only a fusion of tradition and modernity but also a





Wheat and Millet Ghewars

growing awareness of health and

wellness among people

→ ud Mishri, a culinary venture U based in Jaipur, specializes in crafting nutritious and delicious sweets using traditional ingredients like jaggery, *mishri*, wheat and millets. They have introduced millet ghewar, which is a healthier alternative to the traditional recipe of ghewar, which makes use of flour. "We have replaced *maida* with whole wheat flour and millet, enhancing our offerings with more fiber and

protein that is beneficial for your gut. We avoid palm oil and cotton seed oil and use ghee in preparing our food, and instead of refined sugar, we use rock sugar and jaggery both chemical-free. No artificial colours are used in our sweets. We made these changes because we wanted people to enjoy their favourite foods in a healthy, guilt-free way," shares Surbhi Singh Rathore Founder Director of Gud Mishri.

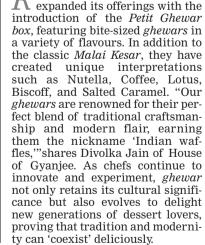


hef Tejasvi Chandela, the visionary behind *Dzurt* Patisserie, is well known in the culinary world, with her unparalleled expertise in fusing traditional Indian flavours with modern pastry techniques. She seeks inspiration from local and indigenous ingredients, traditional Indian mithaiwalas and their unique methods, and fuses it all with modern pastry techniques to create

innovative pastries. Her limited edition signature box from Dzurt for Teei has two exquisite variations of ghewar petit gateaux. The first flavour is a combination of original rahri mawa enhanced with a tantalizing orange insert and a delicate clementine orange veil. The second offering is a decadent dark chocolate mousse, complemented by a hazelnut praline insert and a sophisticated coffee veil.

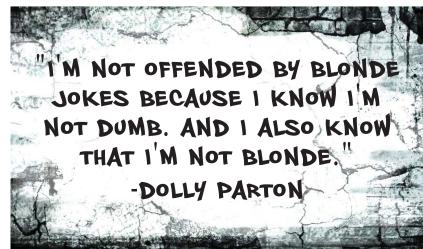






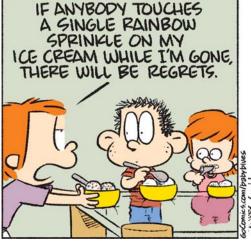


THE WALL



Kishane Thompson 'was robbed' as Olympics fans vent fury after Noah Lyles wins

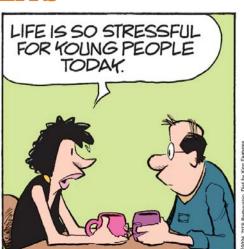
BABY BLUES







By Rick Kirkman & Jerry Scott ZITS







By Jerry Scott & Jim Borgman