Vaccine

Vaccine may protect against other coronaviruses: Study (The Tribune: 202101102)


Vaccine may protect against other coronaviruses: Study

Covid-19 vaccines and prior coronavirus infections can provide broad immunity against other, similar coronaviruses, according to a study.

The findings, published in the Journal of Clinical Investigation, build a rationale for universal coronavirus vaccines that could prove useful in the face of future epidemics.

The study found that plasma from humans who had been vaccinated against SARS-CoV-2 produced antibodies that were cross-reactive, or provided protection, against SARS-CoV-1 and the common cold coronavirus. The researchers found that mice immunised with a SARS-CoV-1 vaccine developed in 2004 generated responses that protected mice from intranasal exposure by SARS-CoV-2.
Daily Covid cases

Daily Covid cases in country lowest in almost 9 months (The Tribune: 202101102)


India added 10,423 new coronavirus cases, the lowest in 259 days, while the active cases declined to 1,53,776, the lowest in 250 days, according to the Union Health Ministry data updated on Tuesday.

With the fresh cases, India's Covid tally climbed to 3,42,96,237.

The death toll climbed to 4,58,880 with 443 fresh fatalities, according to the data updated at 8 am.

The daily rise in new coronavirus infections has been below 20,000 for 25 straight days and less than 50,000 daily new cases have been reported for 128 consecutive days now.
The active cases comprise 0.45 per cent of the total infections, the lowest since March 2020, while the national Covid recovery rate was recorded at 98.21 per cent, the highest since March 2020, the ministry said.

A decline of 5,041 cases has been recorded in the active Covid caseload in a span of 24 hours. The daily positivity rate was recorded at 1.03 per cent. It has been less than two per cent for last 29 days. The weekly positivity rate was also recorded at 1.16 per cent. It has been below two per cent for the last 39 days, according to the ministry.

The number of people who have recuperated from the disease surged to 3,36,83,581, while the case fatality rate was recorded at 1.34 per cent.

The cumulative doses administered in the country so far under the nationwide Covid vaccination drive has exceeded 106.85 crore.

The 443 new fatalities include 368 from Kerala, 20 from Tamil Nadu and 10 from Maharashtra. Kerala has been reconciling covid deaths for the past few days.

Of the 368 deaths in Kerala, 78 were reported over the last few days, 232 were those which were not confirmed until June 18 last year due to lack of adequate documentation and 58 were designated as Covid deaths after receiving appeals based on the new guidelines of the Centre and Supreme Court directions, a state government release said on Monday.

A total of 4,58,880 deaths have been reported so far in the country including 1,40,226 from Maharashtra, 38,084 from Karnataka, 36,136 from Tamil Nadu, 32,049 from Kerala, 25,091 from Delhi, 22,900 from Uttar Pradesh and 19,149 from West Bengal. PTI

**Covaxin (The Asian Age: 202101102)**

Covaxin gets Aussie nod; 5 more nations accept CoWin

AGE CORRESPONDENT
NEW DELHI, NOV. 1

In a big boost to India’s indigenously developed and manufactured Covid vaccine Covaxin, Australia on Monday announced that Covaxin would be recognised by it for travel to Australia for purposes of “establishing a traveller’s vaccination status”. The decision was taken by the Therapeutic Goods Administration of Australia’s health department. Prime Minister Narendra Modi hailed Australia’s decision and expressed his thanks to Prime Minister Scott Morrison.

Mr Modi tweeted: “I thank my dear friend @ScottMorrisonMP for Australia’s recognition of India’s Covaxin.”

This came as the external affairs ministry announced that there had been “five more recognitions for India’s CoWin vaccination certificate, including from Estonia, Kyrgyzstan, State of Palestine, Mauritius and Mongolia.”

New Cases (The Asian Age: 202101102)

India sees 12,514 Covid cases, 251 deaths

AGE CORRESPONDENT
with agency inputs
NEW DELHI, NOV. 1

With 12,514 people testing positive for coronavirus in a day, India’s total tally of Covid-19 cases has gone up to 3,42,85,814 while the active cases has come down to 1,58,817, the lowest in 248 days. The death toll has climbed to 4,58,437 with 251 fresh fatalities reported in the last 24 hours.

The global death toll from Covid-19 has topped 5 million, with the United States, the European Union, Britain, and Brazil—all upper-middle or high-income countries which account for one-eighth of the world’s population—logging nearly half of all reported deaths. The US alone has recorded over 7,40,000 deaths, more than any other nation.

Of the 251 new fatalities reported in India, 167 are from Kerala and 20 from Maharashtra. The daily rise in new coronavirus infection in India has been below 20,000 for 24 straight days and less than 50,000 for 127 consecutive days.

Ayurveda (The Asian Age: 202101102)

Actor Richard Gere started meditating at the age of 24. He has said that it’s a creative process that helps to find the ‘space between thoughts.’ In Ayurveda, this is called Dhyana Chikitsa. Meditation has the power to heal in many ways and on many levels. It allows us to de-compress and connect to a higher state of consciousness.

Ayurveda has played a preventive role during the pandemic. Dharmendra Jayani Ayurveda is being observed as ‘Ayurveda Day’ since 2016. This year it falls on November 2. From transcendental meditation, to herbs, to oil pulling, to yoga, people have taken the Ayurvedic route and now vouch for these practices. The objective of Ayurveda Day is to focus on the strengths of Ayurveda and its unique treatment principles, and to work towards reducing the burden of disease and related mortality by utilising the potential of Ayurveda.

Dynamic young business tycoon Yash Birla found adapting to an Ayurvedic fitness regime in his daily life a big challenge. "I started gaining knowledge in Ayurveda. Eventually, it became a part of my lifestyle," says Yash, adding, "Fitness is not only about looking good but also a formula to keep your body strong and healthy. Practicing meditation, yoga and pranayama for at least 30 minutes daily is beneficial. Undergoing Ayurvedic therapy like Swedana, Abhyanga, Pithichali, and Shirodhara once a week or once a month is very helpful."

"Ayurveda was kept alive through the years by one generation passing on its methodology and scientific knowledge to the next. Today, the youth is well-versed with Ayurveda's scriptures, ingredients, and the extraction of natural products. They know the benefits of Ayurveda," says Yash, Chairman, Birla Ayurveda.

Recently, actress Amala Paul shared on Instagram her experience of undergoing the ancient Indian wellness treatment method of Panchakarma. It is a method of cleansing the body of all waste after haracterising it. "You already know how much your profile is a reflection of your life. In my unending journey towards becoming the best version of myself physically and mentally, I signed up for a healing process called the Panchakarma," she shared.

Aditi Shetty is a great admirer and advocate of Ayurveda as well, and has customised her diet plans according to its principles.

CELEBRATING AYURVEDA
ON THE OCCASION OF WORLD AYURVEDA DAY, HERE’S A LOOK AT THIS ANCIENT INDIAN SYSTEM OF MEDICINE WHICH WAS ONCE MUCH-REVERED, AND IS NOW COMING INTO ITS OWN AGAIN AFTER YEARS OF NEGLECT

SWATI SHARMA
THE ASIAN AGE
Skincare (The Asian Age: 202101102)

‘Skinfluencers’ may lack medical knowledge

Skin care influencers recommend a solution and a product for every problem. From daily routines to ingredients, many people are increasingly turning to social media for guidance. But experts warn against product placement and a lack of medical expertise.

WERONIKA PENESHKO

Whether you have dry, scaly skin or a spot that’s sort of festering, you can find an answer for every skin concern online. From acne to collagen, ‘skinfluencers’ are offering to help — and many new products they suggest using, too. Millions unhappy with their skin watch tutorials and advice videos online — even though very few of the influencers actually have any specialist training.

“What your skin routine is now a widely discussed question and goes beyond more water, soap and some cream. US actress Madsleine Poucher has revealed her morning skin-routine to a video for Gomel commercial in a video on YouTube by July. It includes 30 steps. ‘I take my time. If that means I have to take two extra hours in the morning, I’ll go do it. ’ she says.

Skinfluencers’ work online goes beyond how-to videos, however: guests and celebrities tell their fans about ‘good’ and ‘bad’ ingredients and how to use them. Some companies are in testing on animals. And their popularity seems to suggest they are meeting a need.

Berlin dermatologist and author Eva Adler is critical, however. “It is good and important to deal with ingredients, people should become more aware about that,” she says, but “skinfluencers” often lack medical training, an understanding of skin physiology and a real professional expertise.

Adler says anyone who recommends a skin care routine often wants to persuade people to buy something. “There is often a commercial interest.”

Adler, who also has her own Instagram channel, says patients individualized, but she draws the line at making general product recommendations in public. “As a doctor, I’m not allowed to do that at all. And you can’t give blanket product recommendations — you have to look at and advise each skin individually. Skin is the window to the whole person,” Adler says.

Many influencers are eager to point out that while they lack medical training, their knowledge is based on scientific insights. And they advise anyone with a serious skin problem to head to a dermatologist.

Shenja is a trained chemist and the influencer. But she sees herself more as an advisor. “What we really need is more transparency and education, and for education to get more reach,” she says. People are “literally drowning in the mass of products that are on the market,” she says. “If you get the tools and understand what the ingredients are, you’re more likely to know what you need.”

Shenja, skin care started out as a hobby. Struggling with some skin problems herself, she bought books and studied the ingredients in different products, and kept ahead of the latest science.

She is now self-employed and makes a living from her own line of skin care products. “I haven’t become rich with it yet,” Shenja laughs. She doesn’t promise her customers a panacea in a jar, but people need to understand what’s important. “I don’t promote my products intensively, but I have a lot of regular customers.”

Consumer experts see positive and negative aspects in the slew of skin influencers. “In the case of influencers, the question arises as to what expertise and self-interest they have in order to promote a certain active ingredient or recommend a product,” says chemist Kerstin Effers.

But according to Daniella Ruhlschuck a medical expert at a consumer advice centre, it is also good news that consumers test products. “There are more and more tests by beauty editors based on their experience, making shoppers less dependent on conventional advertising.”

Food for skincare

Can your diet help you work off those skincare issues that you struggle with especially during the winters? Apparently, it does.

WHEN THE WRINKLES COME ON, IT IS TIME TO TURN TO VITAMIN C TO INCREASE THE PRODUCTION OF COLLAGEN. FOR COLLAGEN IS WHAT ADDS TO THE PLUMP LOOK OF THE SKIN. TO AVOID YOUR SKIN’S IMMA TURE AGING, TAKING MINERALS ARE JUST AS IMPORTANT — ZINC, COPPER AND SELENIUM ALL DO WONDERS FOR THE SKIN.

It’s only natural to crave carbo rich foods during winters, such as pasta, bread, white rice, and sugar. But all that extra “richness” (read sugar and insulin) will cause you to cause more harm than required, which ends up damaging the skin’s pores and increasing acne, sometimes even leading to oily deposits on the skin. Experts advise the consistent intake of zinc, Vit A, B and C. Perhaps in the form of tablets or a supplement.

ORANGE IS THE NEW BLACK

It’s not just fruits that are packed with vitamins. Fruits like mangoes and berries are high in antioxidants.

OILY SKIN AND ACNE

It’s only natural to crave carbo rich foods during winters, such as pasta, bread, white rice, and sugar. But all that extra “richness” (read sugar and insulin) will cause you to cause more harm than required, which ends up damaging the skin’s pores and increasing acne, sometimes even leading to oily deposits on the skin. Experts advise the consistent intake of zinc, Vit A, B and C. Perhaps in the form of tablets or a supplement.

PAINFUL, ITCHY BREAKOUTS ON DRY, TIGHT SKIN

A rosacea, a condition where your skin breaks out into soreness, which dries out and later turns red and is soon followed by bumps that appear across the skin and the neck areas, accompanied by itching. According to experts, the condition cannot be cured although the symptoms can be controlled. The latest news article in The Sun states that the condition is often linked with gut health and imbalance of gut bacteria.

Probiotics and beneficial foods known to promote good bacteria are considered a possible way to reduce rosacea symptoms.
Acne

Eight reasons why some people get breast acne, and what to do about it (The Indian Express: 202101102)

https://indianexpress.com/article/lifestyle/health/breast-acne-dos-donts-hygiene-skincare-7602009/

Avoid oil based products, and consult a gynecologist if acne is associated with redness, itching and pain.

skincare, skincare tips, skincare tips for acne, breast acne, acne on the breast, acne near the breast, skincare routine, breast acne tips, indian express news

Infection in the breast glands, especially during breastfeeding, may present as acne with redness and pain all around it. (Photo: Getty/Thinkstock)

Just like the skin on your face, the skin around the breast region is also susceptible to acne issues. That is because the skin here and around the nipples has hair follicles, and acne is nothing but infection of the hair follicles, whenever there is excess sebum secretion or excessive sweat, says Dr Amodita Ahuja, consultant obstetrician and gynecologist, and laparoscopic surgeon and infertility specialist.

“If you have acne on any other part of the body, you might get up in the morning and find acne on your breast too,” the doctor says, listing some risk factors that may make a person more prone to breast acne. Read on.

ALSO READ |October skincare: Five ways to get glowing, tan-free skin this fall season

1. Big breasts

Also known as close set breasts because the size of the breast is so large that they touch each other and there is no space between them. Due to the friction generated, there is increased moisture which increases the chances of acne.

2. Tight bras

If the bra is not of proper size and is smaller than actual size then you become more prone to acne due to increased moisture.

3. Use of irritants

Irritants like hair removal creams, perfumes, body perspirants, waxing, can cause skin reaction and hence increase the chances of infection and acne.

4. Excessive sweating
If you are a person who sweats a lot or exercises a lot, then there are more chances of clogging of your sebaceous glands, and hence more acne.

skincare, skincare tips, skincare tips for acne, breast acne, acne on the breast, acne near the breast, skincare routine, breast acne tips, indian express news Include more fruits and vegetables in your diet and maintain good personal hygiene. (Photo: Getty/Thinkstock)

5. Hormonal changes

As hormonal changes affect the rest of your body, it also affects your breast. Increases in male hormones in the body can cause excess sebum secretion and acne.

6. Diet

Increased consumption of oily foods or food rich in complex carbohydrates or trans fat can increase your tendency of acne. Such diets also cause weight gain and increased fat deposition on the breast, hence more friction leading to acne.

7. Stress

Stress raises the cortisol production from your body which increases sebum production from the glands and causes acne.

ALSO READ |Here’s how physical activities can be beneficial for the skin

8. Infection in the breast glands

Infection in the breast glands, especially during breastfeeding, may present as acne with redness and pain all around it.

“Know what suits your skin. Wear the right size bra. Include more fruits and vegetables in your diet. Maintain good personal hygiene if you are a massive sweater. Maintain a healthy weight and do chest exercises so that your breasts don’t sag and are in good size and shape,” Dr Ahuja suggests.

Avoid oil based products, and consult a gynecologist if acne is associated with redness, itching and pain. Avoid over-the-counter creams and take treatment only after consultation with the gynecologist or a dermatologist,” she adds.

Lucknow News

10 Zika cases confirmed in Kanpur: Govt

Yogi calls Akhilesh’s Jinnah remark ‘Talibani’; Maya sees SP-BJP ploy in it

Sachin Pilot Cong’s women manifesto: Free bus ride, 40% job quota, raise in Asha workers’ pay

CLICK HERE FOR MORE
COVID-19 | Australia recognises Bharat

COVID-19 | Australia recognises Bharat Biotech’s Covaxin
(The Indian Express: 202101102)

https://www.thehindu.com/news/international/australia-recognises-covaxin/article37279937.ece

This will enable travellers fully vaccinated with the vaccine to travel to the country

The Government of Australia has recognised Bharat Biotech’s Covaxin.

This recognition from the Therapeutic Goods Administration (TGA) of the Department of Health will enable travellers fully vaccinated with Covaxin to

Ayushman Bharat Health Infrastructure Mission

Watch | All about the new Ayushman Bharat Health Infrastructure Mission
(The Hindu: 202101102)


A video on the new PM Ayushman Bharat Health Infrastructure Mission

Prime Minister Narendra Modi launched the AyushmanBharat Health Infrastructure Mission, aimed at strengthening the country’s healthcare infrastructure.
Its objective is to fill gaps in public health infrastructure, especially in critical care facilities and primary care in both urban and rural areas. It will provide

**Nutrition**

**Getting nutrition back on the school high table (The Hindu: 202101102)**

[Link to article](https://www.thehindu.com/opinion/op-ed/getting-nutrition-back-on-the-school-high-table/article37274550.ece)

COVID-19 or otherwise, educational institutions need to ensure that schoolchildren are nurtured and nourished

With COVID-19 cases reducing in the country, several establishments, including schools, are opening again. While the reopening of all schools is on the anvil, the festive season ahead and the fact that children are not yet in the ambit of the vaccination drive are causing apprehension. We, as a society, must focus on the nutrition of children to ensure they are armed with good immunity as they get ready to take on new challenges especially after emerging from the confines of their homes. However, it is important to remember that even before the onset of the COVID-19 pandemic, India was facing significant nutritional challenges. Hence, there is a need to pivot on children’s nutrition, using the novel coronavirus pandemic to better understand current nutrition and nutritional requirements for a healthy body and mind.

**SARS-CoV-2**

**A reminder from SARS-CoV-2(The Hindu: 202101102)**

[Link to article](https://www.thehindu.com/opinion/op-ed/a-reminder-from-sars-cov-2/article37274221.ece)

Provoking nature beyond a point can lead to unimagined and irreversible consequences for human beings

Viruses are one of the most persistent and potent forces of evolution, writes Pranay Lal in his new book, Invisible Empire: The Natural History of Viruses. As SARS-CoV-2 has shown, a virus is a force to be feared. “Everything about viruses is extreme, including perhaps, the reactions they evoke,” says Lal as he profiles this abundant life form with the help of photographs, illustrations, anecdotes and paintings. An excerpt from the book:
Much as we baulk at the idea, we are not unique. The human species, like all other living things, is an amalgam of creatures pieced together, gene by gene, and passed down by different life forms over deep time. Our genes were handed down to us from our ancestral ape, monkey, pig, shrew, gecko, fish, worm, grass, moss and bacterium, with several other creatures in between. Without genetic mutations, there would be no humans or, for that matter, any other life form that we see around us. These mutations — tiny errors in replicating the genetic code — occur randomly each time a cell (or virus) makes copies of itself, thereby becoming the starting point for an unexpected evolutionary journey. A very tiny number of mutations successfully create variation in a population. Natural selection then amplifies traits and creates variants which eventually can evolve into distinct species. These changes could be anything that confers an ability to thrive better in an evolving environment — blending a chameleon more effectively into a forest that is drying up; extending the necks of okapis and gerenuks so they can more easily nibble on the overhanging foliage of tall trees; or simply helping microbes evade a strong immune response and allowing them to attach themselves to a cell.

**Foodborne diseases**

**Study finds foodborne diseases protect gut's nervous system (New Kerala: 202101102)**


Washington, November 1: A new study has found that mice infected with bacteria or parasites develop a unique form of tolerance that is quite unlike the textbook immune response.-&gt;&gt; View it--&gt; [https://www.newkerala.com/news/2021/156049.htm](https://www.newkerala.com/news/2021/156049.htm)

**Alzheimer's disease**

**Scientists find medications that reverse Alzheimer's disease (New Kerala: 202101102)**


Researchers have managed to reverse the symptoms of Alzheimer's disease in mice by administering drugs currently used to treat hypertension and inflammation in human-&gt; View it--&gt; [https://www.newkerala.com/news/2021/156018.htm](https://www.newkerala.com/news/2021/156018.htm)
Respiratory viruses

Sequencing respiratory viruses provides new insight on coinfections (New Kerala: 202101102)


1: With mask-wearing and social distancing on the decline and the cold and flu season upon us, researchers have developed a viral panel that has enabled the simu-> View it-->

World Vegan Day

Why you should turn vegan this World Vegan Day (New Kerala: 202101102)

The plant-based food movement is here to stay because it is good for health and cares for the wellness of the environment too. The festival of lights Diwali is just around the cor-> View it--> https://www.newkerala.com/news/2021/155743.htm

Dengue

राजधानी में डेंगू ने बीते साल का रिकॉर्ड तोड़ा (Hindustan: 202101102)

https://epaper.livehindustan.com/

मंडाविया ने दिए ततकाल कदम उठाने के निर्देश

राजधानी में डेंगू जानलेवा होता जा रहा है। नगर निगम की रिपोर्ट के मुताबिक, पांच और लोगों की मौत के बाद, इस बीमारी से जान गंवाने वालों की संख्या बढ़कर छह हो गई है। अब तक 1537 मरीज सामने आ चुके हैं। पिछले साल 31 अक्टूबर तक 1072 मामले आए थे और एक मरीज की मौत हुई थी।
दक्षिण दिल्ली के महापौर मुकेश सूयान का कहना है कि जिन लोगों की मौत हुई है उनमें से पांच मामले दिल्ली के बाहर से आए लोग हैं जो यहां भरी हुए थे लेकिन मरीजों की बढ़ती संख्या चिंता बढ़ा रही है। आंकड़ों के अनुसार, दिल्ली में 2017 के बाद से डंगू से मौत के यह सर्वाधिक मामले हैं। 2017 और 2016 में 10-10 लोगों की मौत हुई थी। अगर आंकड़ों को देखे तो अक्टूबर में 1196 मरीज मिले हैं जो पिछले तीन साल में सर्वाधिक हैं।