

GNIPST BULLETIN LIFE-SCIENCE

Guru Nanak Institute of Pharmaceutical Science and Technology

Volume 3 Issue 3



Innovating Life, Inspiring Science!

Welcome to our monthly Digital Science Archive!

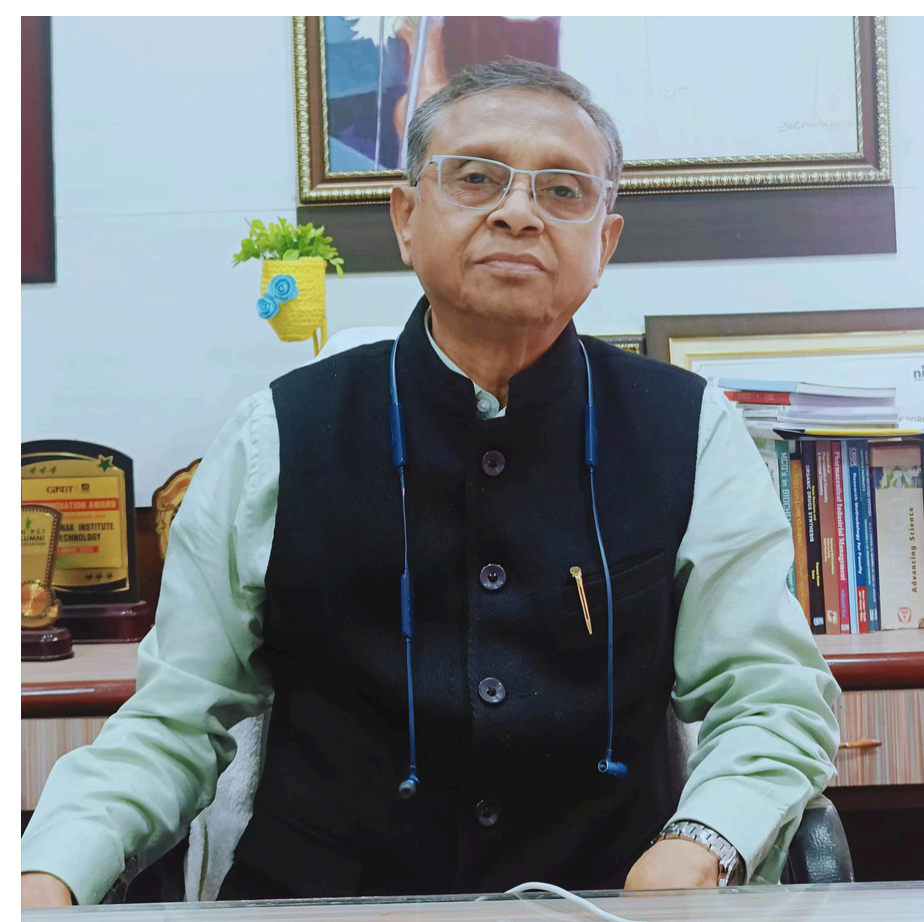




IN REFLECTION AND VISION

The Director's Note

It is with great pride that we present Volume 3, Issue 3 of the GNIPST Bulletin, a vibrant reflection of our collective academic spirit and scientific inquiry. At Guru Nanak Institute of Pharmaceutical Science and Technology, we remain committed to fostering a culture of excellence through a blend of rigorous academics, practical exposure, and innovative thinking. The life sciences are rapidly evolving, and our students and faculty continue to contribute meaningfully to this dynamic field. This bulletin highlights achievements, new initiatives, and the creative energy that drives GNIPST forward. The spirit of Durga Puja adds a special note of joy and togetherness, and on behalf of the GNIPST family, we extend our warm greetings and best wishes to all. May the divine blessings of Maa Durga bring strength, wisdom, prosperity, and harmony into our lives, inspiring us to stay connected, engaged, and motivated as we continue this shared journey of growth, discovery, and celebration.



Dr. Abhijit Sengupta

The Principal's Note



Dr. Lopamudra Datta

We are delighted to present Volume 3, Issue 3 of the GNIPST Bulletin – Life Science, showcasing the continued journey of our commitment to academic excellence, research, and innovation. As one of the leading institutions in West Bengal, GNIPST remains dedicated to providing advanced laboratory facilities, practical learning experiences, and industry-relevant internships, while nurturing our students with a strong foundation in scientific knowledge, ethical values, and critical thinking. On this festive occasion, we extend our warm Durga Puja greetings to all—may the blessings of Maa Durga bring strength, wisdom, prosperity, and harmony into our lives. We sincerely thank everyone for their ongoing support and enthusiasm and look forward to sharing many more stories of achievement, growth, and inspiration in the issues ahead.



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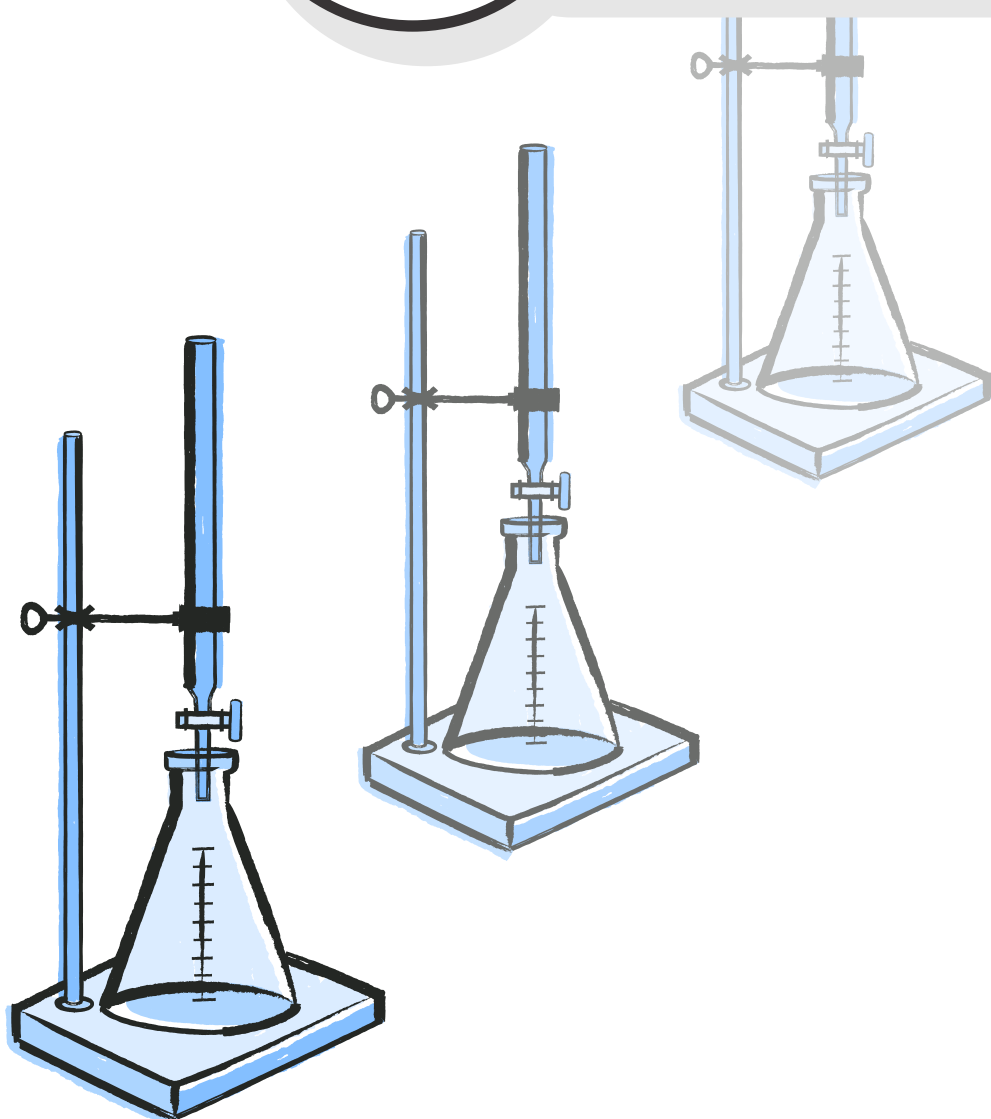
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International Microorganisms Day - Results!

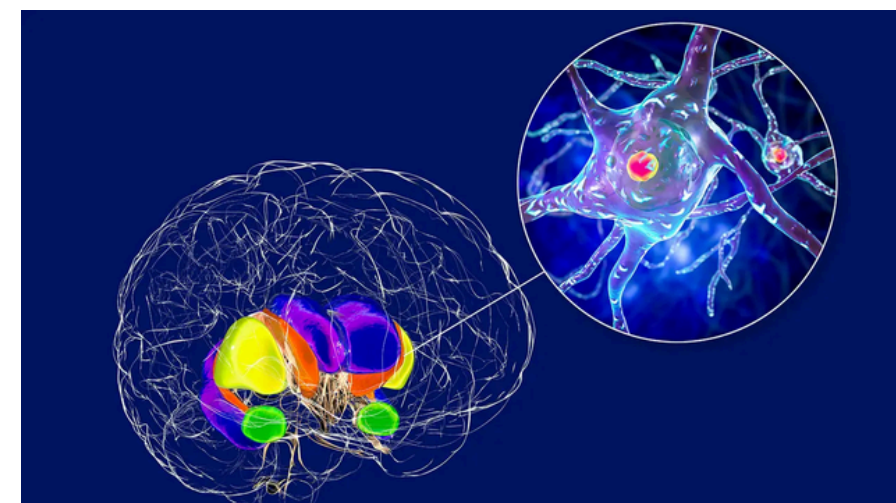




SCIENCE UPDATE

Gene Therapy Slows Huntington's Disease Progression by 75%

A groundbreaking gene therapy has successfully slowed the progression of Huntington's disease by 75% over three years, offering hope to thousands affected by this previously untreatable condition. The treatment, delivered directly into the brain using a modified virus to silence the mutant gene producing the toxic huntingtin protein, represents a major scientific milestone.



Read More : https://www.theguardian.com/science/2025/sep/26/friday-briefing-the-huntingtons-treatment-is-a-ray-of-light-for-victims-of-a-brutal-disease?utm_source=chatgpt.com

FDA Approves First Highly Accurate Blood Test for Alzheimer's



In 2025, significant advancements emerged in the fight against Alzheimer's disease, including the FDA approval of the first highly accurate blood test to detect amyloid beta and tau protein biomarkers, simplifying and expanding access to Alzheimer's diagnostics.

Read More : https://www.fda.gov/news-events/press-announcements/fda-clears-first-blood-test-used-diagnosing-alzheimers-disease?utm_source=chatgpt.com

Environmental Exposures Linked to Rising Cancer Rates in Millennials

Researchers are increasingly concerned about rising cancer rates among millennials, now seeing tumors in their 20s–40s, much earlier than in past generations. Current focus shifts to environmental exposures, or the "exposome," across a lifetime.



Read More https://www.washingtonpost.com/health/interactive/2025/toxins-tech-tumors-is-modern-life-fueling-rise-cancer-millennials/?utm_source=chatgpt.com



THE CAMPUS PULSE



GNIPST hosted an engaging Career Orientation Program titled “Kar Lo Safalta Mutthi Main – I.P.L ke Sath” by the Health & Hygiene Team of Procter & Gamble on 2nd September 2025.



GNIPST organized a National Seminar on “Schedule M: The Regulatory Compliance in Pharmaceutical Manufacturing” on 18th September 2025



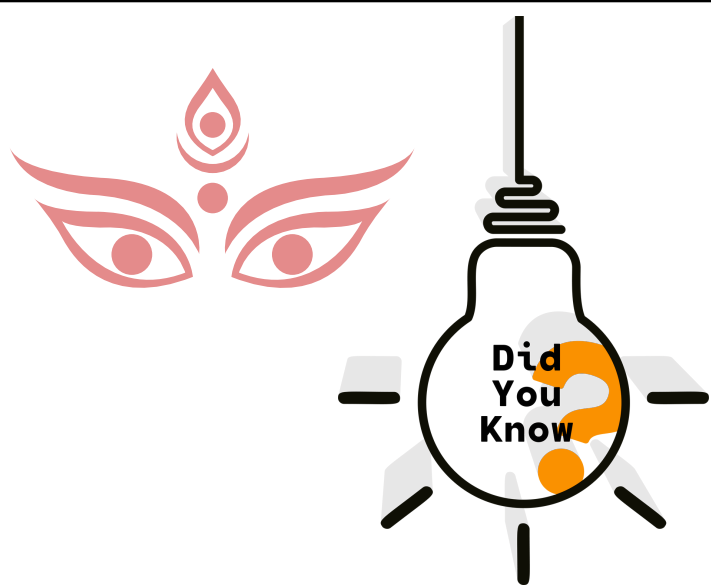
GNIPST conducted a One-Day Seminar on “Role of Host Immune Response in Infectious Diseases” at the GNIPST Auditorium on 19.09.2025



GNIPST organized an Oral Health Awareness Seminar in collaboration with Guru Nanak Institute of Dental Science and Research



WORLD PHARMACIST DAY CELEBRATION AT GNIPST



ACTIVITY CORNER

Durga Puja is celebrated with great grandeur and devotion in West Bengal, and in 2021, it was inscribed on the UNESCO Representative List of the Intangible Cultural Heritage of Humanity, recognizing its cultural and social significance. The festival marks the victory of Goddess Durga over the demon Mahishasura, symbolizing the triumph of good over evil, and usually spans five days, with elaborately decorated pandals (temporary temples), artistic idols, and vibrant cultural performances attracting millions of devotees and tourists. Families and communities come together to offer prayers, participate in rituals, and enjoy traditional feasts called bhog. Streets and neighborhoods are illuminated with lights, and cultural programs, music, and dance add to the festive spirit. Durga Puja is not only a religious celebration but also a time of social bonding, artistic expression, and cultural pride, reflecting the rich heritage and traditions of West Bengal.

WORD SCRAMBLE CHALLENGE: CELEBRATING DURGA PUJA!



HARUSAMISHA →
DALNAP →
GOBH →
SATHIMA →



Fastest correct entry wins a shoutout in our next bulletin!



ANSWER KEY (VOLUME 3 ISSUE 2)

YMOACDERC → DEMOCRACY
TRAPITOMIS → PATRIOTISM
ORCULOTIR → TRICOLOR
REOSHE → HEROES

SHOUT OUT TO THE “ACTIVITY CORNER’ WINNER OF VOLUME 3 ISSUE 2



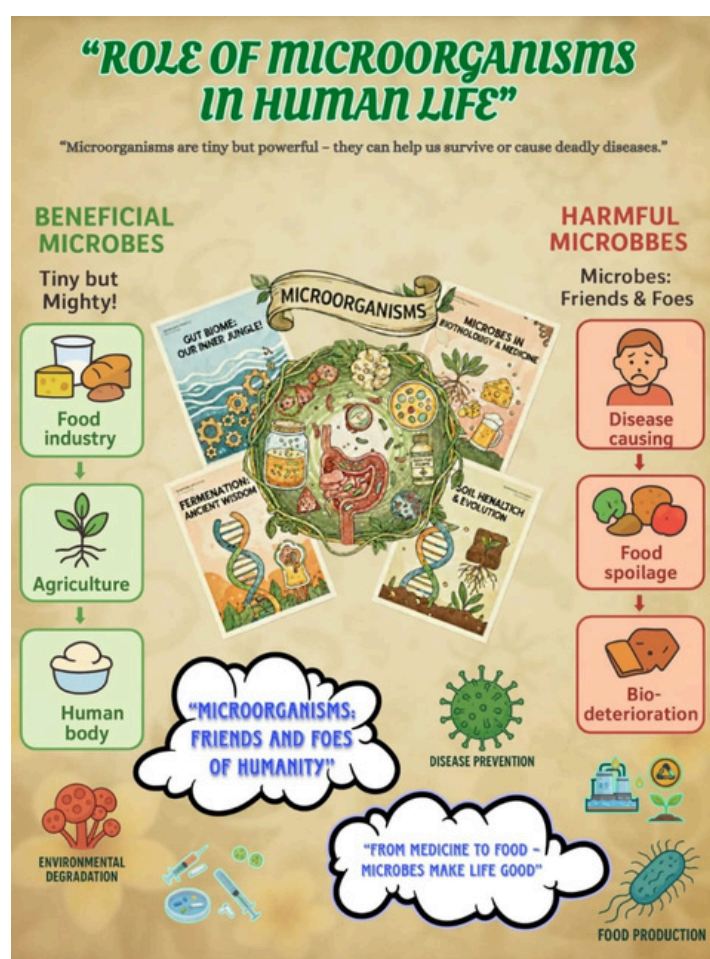
**Shreyasi Patra, Guru Nanak Institute of Pharmaceutical Science and
Technology, BBA(HM)**



INTERNATIONAL MICROORGANISMS DAY

Digital Poster Making Competition

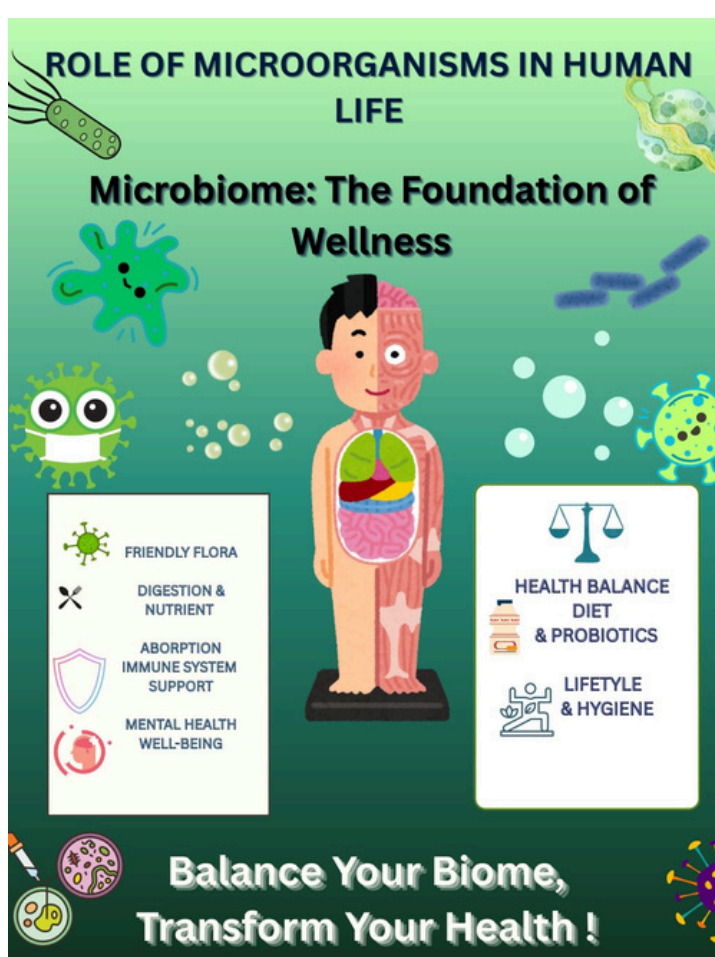
Top 5



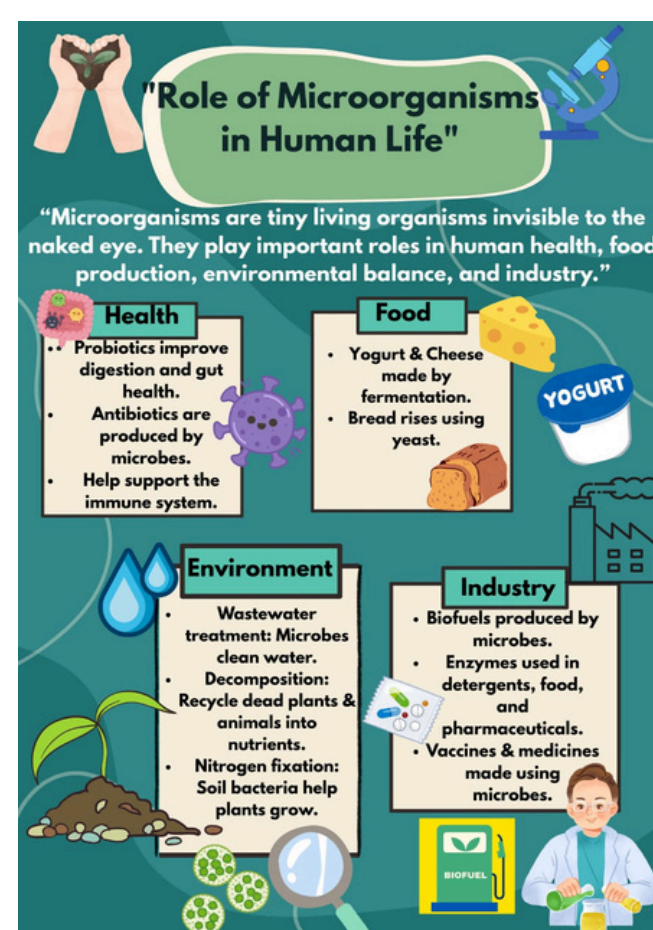
Sudip Panja D.Pharm 1st year



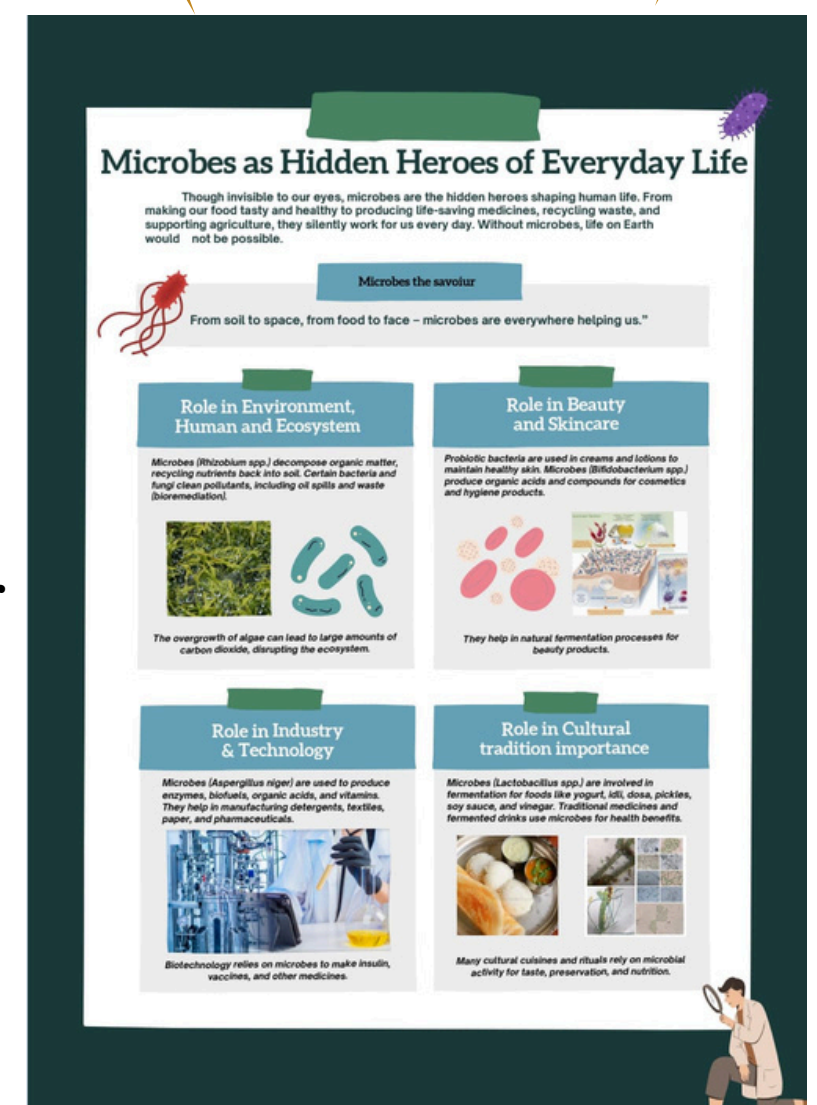
Koushik Dutta, BSc Biotechnology 3rd year



Ashisita Dey B.Pharm 3rd year



Tejaswini Giri Bsc Biotechnology 3rd year



Rumpa Dey BSc Biotechnology 3rd year





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Life Science UG Courses

- B.Sc in Biotechnology
- B.Sc in Microbiology
- B.Sc in Genetics
- B.Sc in Medical Lab Technology

Life Science PG Courses

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- M.Sc in Microbiology
- M.Sc in Genetics
- M.Sc in Medical Lab Technology



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