

S I M P I C 1 2 T H

# PANDEMOS

0 3 M A R C H

THE  
DAY

Past - Present

AFTER  
THE DAY

Yesterday's tomorrow

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VOL.02



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# SIRIRAJ History

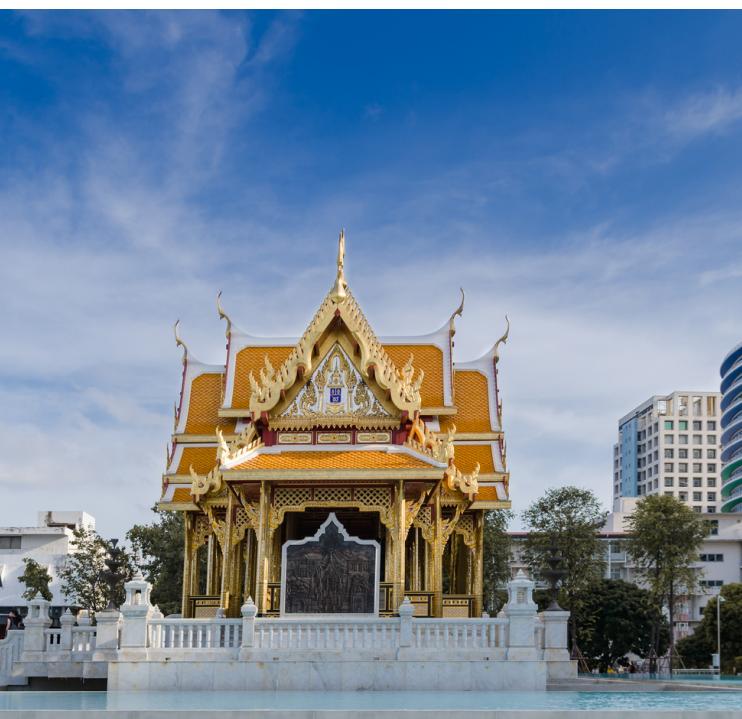
Siriraj Hospital, nestled in the heart of Bangkok, is a true gem of Thailand's healthcare system. This grand institution has a history that spans over 130 years and is a beacon of hope for those seeking medical care, education, and research.

Founded in 1888 by the illustrious King Chulalongkorn, Siriraj Hospital was initially called the "Royal Medical College." The hospital was built with the vision of providing top-notch medical care to the people of Thailand, while also advancing the field of medicine through research and education. The hospital's commitment to excellence has remained steadfast since its inception and is evident in the quality of care that is provided to patients.



Today, Siriraj Hospital is the largest hospital under the Faculty of Medicine of Siriraj Hospital, Mahidol University. With over 2,000 beds and a range of medical services including general surgery, neurosurgery, cardiology, oncology, and more, it is one of the most advanced medical facilities in the country. The hospital's reputation is known not only in Thailand but also around the world, with medical professionals from all corners of the globe seeking out its expertise.

But Siriraj Hospital is more than just a place to receive medical treatment. It is a center for medical research and education, with numerous medical schools, research centers, and training programs located on its campus. The hospital has produced some of the most talented medical professionals in Thailand, who have gone on to make significant contributions to the field of medicine both at home and abroad.





# SIRIRAJ PAST & PRESENT

One of the most fascinating parts of Siriraj Hospital's history is its Forensic Medicine Museum. The museum houses a collection of over 6,000 specimens, including preserved bodies, organs, and other items related to forensic science. While some may find the museum unsettling, it is an essential resource for medical students and professionals studying forensic medicine, and a testament to the hospital's commitment to education and research.



The hospital's dedication to research is further demonstrated by its state-of-the-art facilities, which include cutting-edge technologies and equipment. Its research efforts cover a broad range of medical fields, including neuroscience, infectious diseases, genetics, and cancer research.

In conclusion, Siriraj Hospital is a true testament to the vision of King Chulalongkorn and the dedication of its staff and faculty. It is an institution that has stood the test of time, and its commitment to excellence in medical care, education, and research is unwavering. Siriraj Hospital is an essential part of Thailand's healthcare system, and it will continue to inspire generations of medical professionals for many years to come.



Siriraj Hospital

# SIMPIC 12th

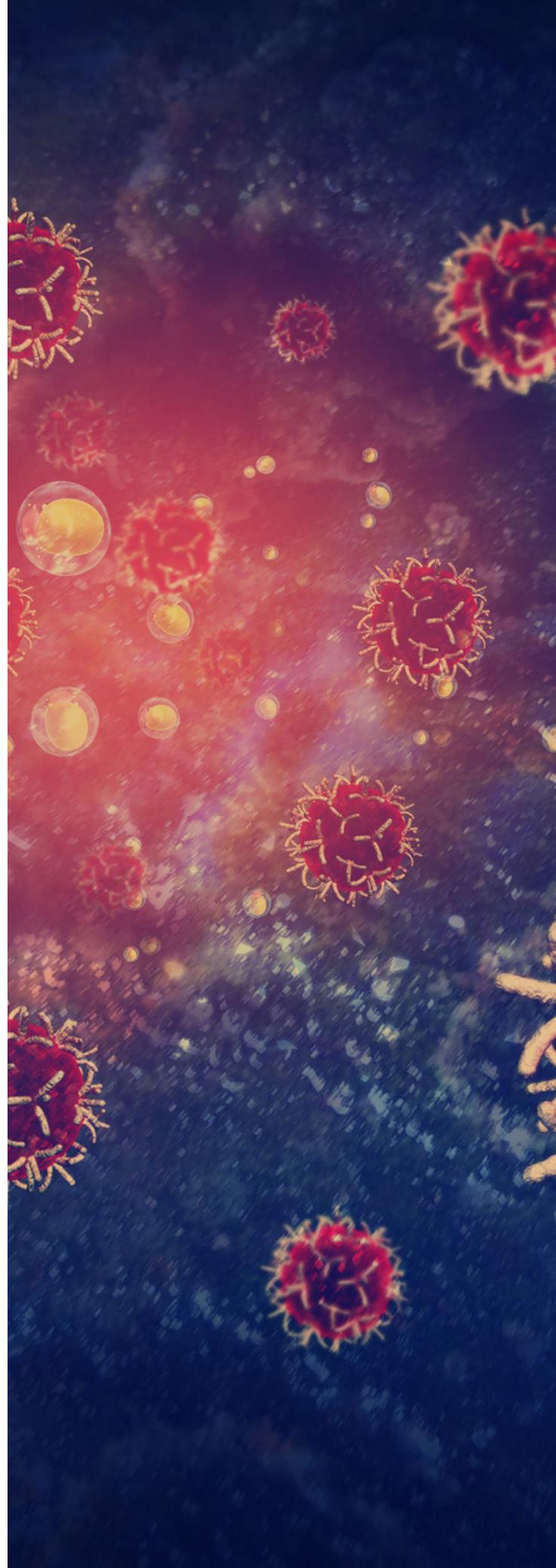
"Unleashing the power of microbiology, parasitology, and immunology through international competition at Simpic 2023."

International Events  
Siriraj International Microbiology,  
Parasitology, and Immunology  
Competition (SIMPIC)

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## Bangkok Tour 1



Discover contemporary art at **MOCA**, explore the beauty of nature in the heart of the city, and escape to the tranquility of **Rot Fai Park**.

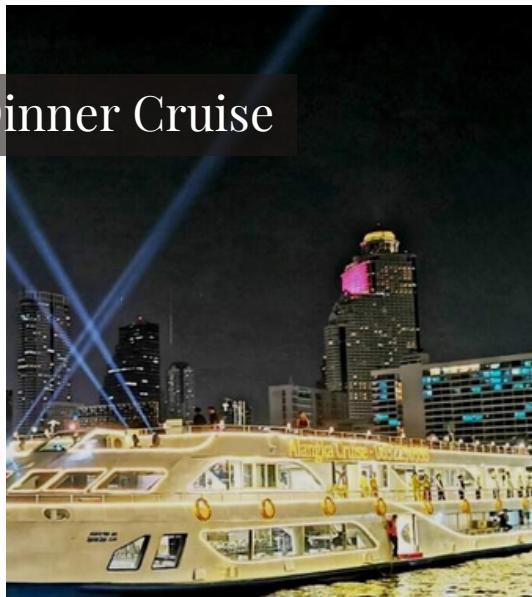
## YESTERDAY'S HIGHLIGHT



## Bangkok Tour 2

Visit the oldest and largest temple complex in Bangkok, **Wat Pho**, experience 'Thainess' through a series of interactive exhibits at **Museum Siam**.

## Dinner Cruise



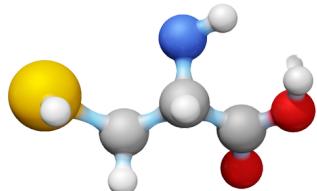
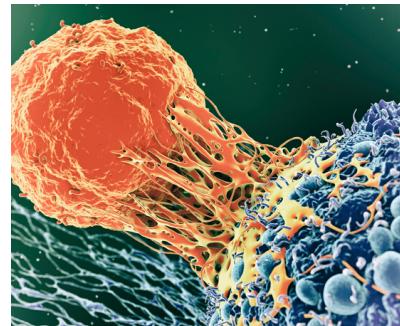
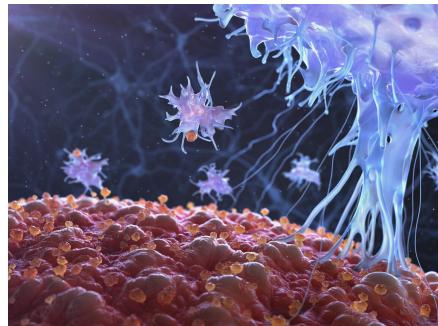
### Special **Dinner Cruise**

"Savor the flavors, soak in the sights - dine in style on Chao Phraya's starry night!"

## Bangkok Tour 3



Experience the vibrant **floating market** and ancient town brought to life through stunning artwork at **The Memory of Gallery**.



### AMINO HINT

- Alanine: A
- Arginine: R
- Asparagine: N
- Aspartic acid: D
- Cysteine: C
- Glutamic acid: E
- Glutamine: Q
- Glycine: G
- Histidine: H
- Isoleucine: I
- Leucine: L
- Lysine: K
- Methionine: M
- Phenylalanine: F
- Proline: P
- Serine: S
- Threonine: T
- Tryptophan: W
- Tyrosine: Y
- Valine: V

### DNA CODE

"SIMPIC scientists found new living organisms during a dinner cruise yesterday. It was discovered that the DNA of these organisms has the same 3-codon translation as humans. However, the scientists are trying to understand the hidden message behind the protein. Please translate the code and find the answer."

5' UAUUAGGCUUUUCCCAAAGGCA  
UCCUAUUCUUGUCAACCUAACCA  
UGCACGCUCCCCCUUACUAAUAA  
UGCCUAUUUGUUAAAAAUUUGGG  
CCCUAAUUAUAUUAUCCUUCUCUC  
UGGCCUCUGUUAAUC 3'

So after the protein sequence is translated from the given DNA sequence, the first amino acid needs to be removed from the N-terminal to obtain the final answer.

1ST

SEQ



	U	C	A	G	
U	UUU UUC UUA UUG	UCU UCC UCA UCG	UAU UAC UAA UAG	UGU UGC UGA UGG	Cys STOP STOP Trp
G	CUU CUC CUA CUG	CCU CCC CCA CCG	CAU CAC CAA CAG	CGU CGC CGA CGG	Arg His Gln
A	AUU AUC AUU AUG	ACU ACC ACA ACG	AAC AAC AAA AAG	AGU AGC AGA AGG	Ser Asn Lys
G	GUU GUC GUA GUG	GCU GCC GCA GCG	GAU GAC GAA GAG	GGU GGC GGA GGG	Gly Asp Glu

Third letter

