



HAPPY NEW YEAR

2022

Agnitio Pharma “Creating Bonds, Igniting Innovations” is a research-oriented organisation established in 2018 in Noida, State of Uttar Pradesh, India. We have a team of high professionals in the field of synthetic organic chemistry which includes medicinal chemistry, custom synthesis, generic product development (API & Intermediates), clinical research, toxicology, analytical, process development, and intellectual property,

With an idea and innovation, we are focussed on developing high-quality pharmaceutical reference standard/in-house working standards (IP, BP, EP & USP), metabolites, stable isotope labelled compounds, impurities (Raw Material, KSM, Process Impurities, API & formulated drug), etc.

We Introduce high-quality fine chemical, API, intermediates, specialty chemical, and solvent, as part of a commitment to reduce the cost of research and to become a world leader in Innovations & Technologies.

With a core team of Scientists and Chemical engineers and their hands-on experience, we transfer the molecule from mg to kilogram scale to commercial quantities. We support and take-up Quality Improvement Projects (QIPs) & Cost Improvement Projects (CIPs).

<https://www.agnitio.co.in/>

## **Agnitio Pharma**

C-45 , 3rd Floor , Sector-10, Noida - 201301, India  
+91-120-4375286, +91 8700206890

**Email:** [info@agnitio.co.in](mailto:info@agnitio.co.in), [agnitio.pharma@agnitio.co.in](mailto:agnitio.pharma@agnitio.co.in)





# Creating Bonds, Igniting Innovations



Visit us at <https://www.agnitio.co.in/>



Earning the title of the world's highest science lab, the Pyramid Laboratory in the Sagarmatha National Park of Nepal is located a staggering 16,568 feet above sea level. Found at the foot of Mount Everest, the research station is a stylish three-story pyramid-shaped laboratory housing a team of researchers studying areas as diverse as geology, climate, the environment, and human physiology.

### The Pyramid Laboratory – The Himalayas

## JANUARY 2022

MON	TUE	WED	THU	FRI	SAT	SUN
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						



It's the deepest underground laboratory in the world. The Sudbury Neutrino Observatory (SNOLAB) found in Ontario, is used for observing deep space phenomenon found far below the earth's surface, just like the IceCube. The facility can be found inside a nickel mine which is 2 kilometers (1.2 miles) deep.

SNOLAB – Ontario, Canada

## FEBRUARY 2022

MON	TUE	WED	THU	FRI	SAT	SUN
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						



The deepest underwater research facility, the NOAA Aquarius Reef Base sits roughly 60 feet beneath the water's surface in the Florida Keys. Part of the Florida Keys National Marine Sanctuary, researchers have used the facility for almost 30 years as a base to study the ecology of the local reef.

### NOAA Aquarius Reef Base – Florida Keys

## MARCH 2022

MON	TUE	WED	THU	FRI	SAT	SUN
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			





Perhaps the most famous science laboratory on Earth, CERN spans more than 550 hectares across Switzerland and France and is officially the largest particle physics lab in the world. Located 492ft below the ground, the Large Hadron Collider is the single-largest machine in the world – and CERN are looking to expand it further soon!

CERN – Geneva

## APRIL 2022

MON	TUE	WED	THU	FRI	SAT	SUN
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	



LENS-X is an 8-foot diameter by 100 foot expansion tunnel with a top speed of Mach 30, 30 times the speed of sound. The drive chamber, filled with helium or hydrogen gas, is compressed to 3,000 psi at 1000 degrees Fahrenheit; this breaks the first diaphragm, causing the driven chamber to experience an influx of hot gas, generating pressures over 20,000 psi before the second diaphragm is ruptured.

LENS-X Wind Tunnel - Buffalo, New York

## MAY 2022

MON	TUE	WED	THU	FRI	SAT	SUN
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					





Svartisen Subglacial Laboratory is situated under 200 m of ice in northern Norway. The laboratory provides a unique opportunity for direct access to the bed of a temperate glacier for the purposes of measuring sub-glacial parameters and performing experiments on the ice.

### Svartisen Subglacial Observatory – Norway

## JUNE 2022

MON	TUE	WED	THU	FRI	SAT	SUN
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			



Mount Washington Observatory is an institution with a mission to advance understanding of the natural systems that create Earth's weather and climate. Researchers have been braving the extreme weather of this New Hampshire-based lab since 1932. And they do it in winds that frequently reach 100mph. In fact, the lab was home to the second-fastest wind ever measured, with gusts of up to 231mph hitting the peak way back in 1934

### Mount Washington Observatory – New Hampshire

## JULY 2022

MON	TUE	WED	THU	FRI	SAT	SUN
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31



The International Space Station is arguably the most extreme of all manmade science laboratories. Hurling through space at a speed of 17,227 mph, the International Space Station calls its home 200+ miles above the Earth's surface. Launched in 1998, the International Space Station primarily serves as a microgravity and space environment research laboratory.

### International Space Station – Outer Space

## AUGUST 2022

MON	TUE	WED	THU	FRI	SAT	SUN
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				



The IceCube Neutrino Observatory is the first detector of its kind, designed to observe the cosmos from deep within the South Pole ice. Encompassing a cubic kilometer of ice, IceCube searches for nearly massless subatomic particles called neutrinos. These high-energy astronomical messengers provide information to probe the most violent astrophysical sources: events like exploding stars, gamma-ray bursts, and cataclysmic phenomena involving black holes and neutron stars.

**IceCube Neutrino Observatory, Antarctica**

## SEPTEMBER 2022

MON	TUE	WED	THU	FRI	SAT	SUN
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		





It's the hottest temperature producing laboratory in the world. The Relativistic Heavy Ion Collider (RHIC) found at the Brookhaven National Laboratory, announced in February 2012, the production of temperature of around 4 trillion degrees Celsius (7.2 trillion degrees Fahrenheit). This is the hottest temperature man has ever created! It's 250,000 times greater than the heat found at the earth's center.

Long Island's Brookhaven National Laboratory,  
New York, USA

# OCTOBER 2022

MON	TUE	WED	THU	FRI	SAT	SUN
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						



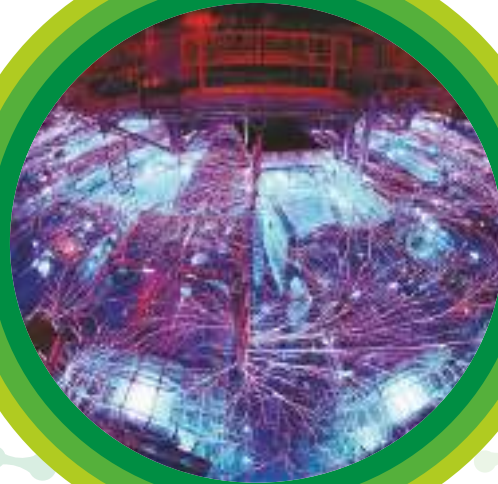


Costing just over \$80 million to build, the awesome “Z Machine” in the Sandia Laboratory, justifies its huge price tag by being the world's most powerful electrical device. The machine runs extremely high voltages through Tungsten wires, creating energy bursts hotter than the centre of the sun, with more than three times as much pressure as the Earth's core and which can launch material faster than the speed of sound.

Sandia National Laboratories, Albuquerque,  
New Mexico, US

## NOVEMBER 2022

MON	TUE	WED	THU	FRI	SAT	SUN
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				





The Fermi National Accelerator Laboratory, but more commonly known as Fermilab, used to be the world's second largest particle collider behind CERN, and is now considered one of the world's most important Laboratories for studies on particle physics. First founded in 1967, the centre covers an area of 27.5km<sup>2</sup> and cost \$243 million to build.

**Fermilab, Batavia, Illinois, US**

## DECEMBER 2022

MON	TUE	WED	THU	FRI	SAT	SUN
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	





**AGNITIO PHARMA**

Creating bonds, Igniting Innovations

# HOLIDAYS 2022

Holiday	Date	Day
Republic Day	Jan-26	Wednesday
Maha Shivratri	Mar-01	Tuesday
Holi	Mar-18	Friday
Mahavir Jayanti	Apr-14	Thursday
Good Friday	Apr-15	Friday
Id-ul-Fir	May-03	Tuesday
Budha Purnima	May-16	Monday
Id-ul-Zuha (Bakrid)	Jul-10	Sunday
Muharram	Aug-09	Tuesday
Independence Day	Aug-15	Monday
Janmashtami	Aug-19	Friday
Mahatma Gandhi's Birthday	Oct-02	Sunday
Dussehra	Oct-05	Wednesday
Milad-un-Nabi or Id-e-Milad Birthday of Prophet Mohammad)	Oct-09	Sunday
Diwali (Deepavali)	Oct-24	Monday
Guru Nanak's Birthday	Nov-08	Tuesday
Christmas Day	Dec-25	Sunday

**Agnitio Pharma**

C-45 , 3rd Floor , Sector-10, Noida - 201301, India | Tel.: +91-120-4375286, +91-8700206890

Email: [info@agnitio.co.in](mailto:info@agnitio.co.in), [agnitio.pharma@agnitio.co.in](mailto:agnitio.pharma@agnitio.co.in) | Website: [www.agnitio.co.in](http://www.agnitio.co.in)

