



# BRAINWARE PHARMA CHRONICLES



## Contents:

Conference & activities / Departmental Achievements / Paper publications / Faculty achievements/ Student achievements / Departmental best practices / Instrumentation facilities / Memorandums of understanding / Future prospects of Pharmaceutical Sciences/ Breakthrough FDA Drug Approvals of 2024/ Student artworks

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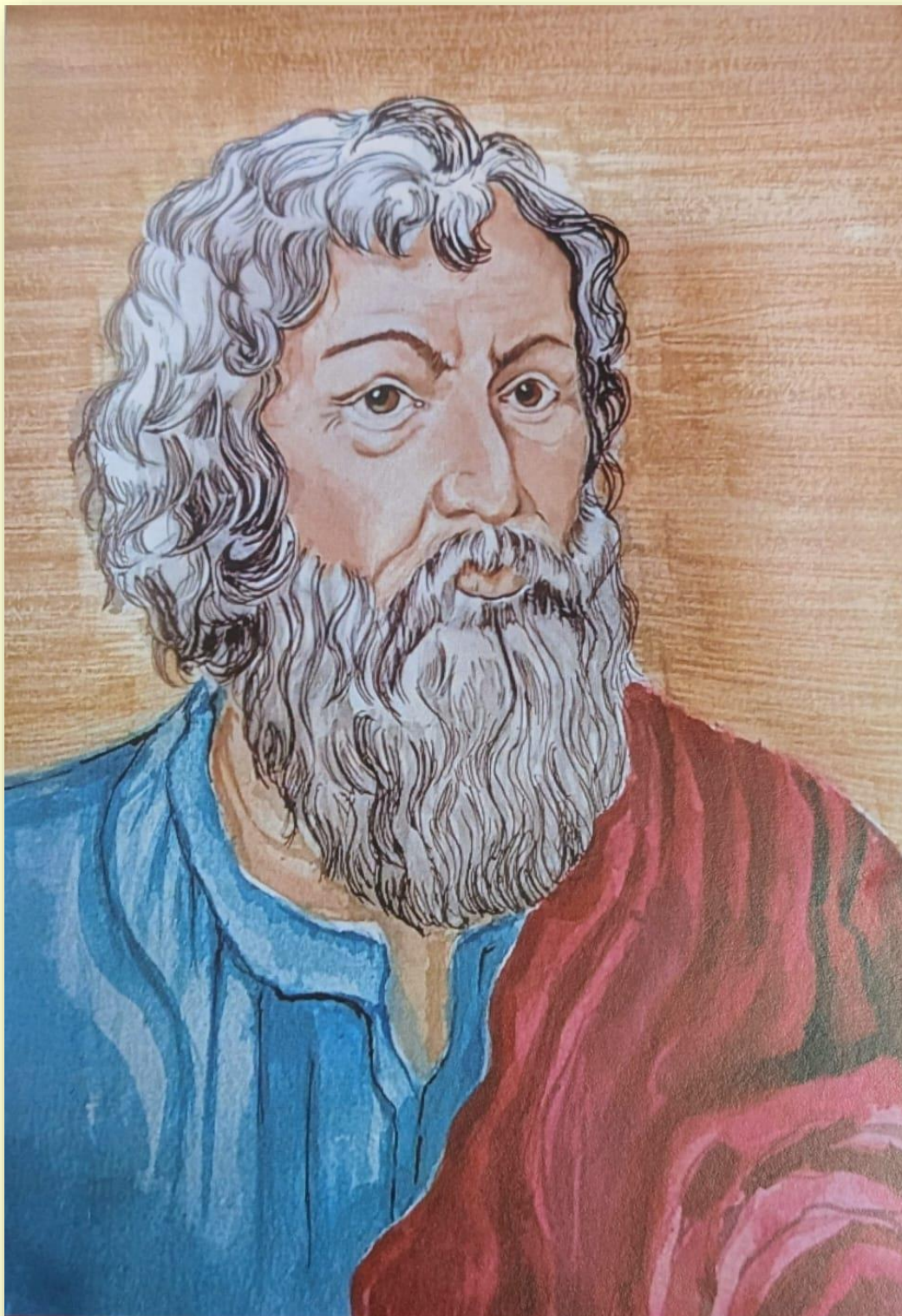
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## HIPPOCRATES

Artwork by Shreya Das (5th Semester, B. Pharm)

## HOD'S DESK



A warm welcome to all the members of our department! You are now part of a vibrant academic community that is driven by a shared passion for knowledge, innovation, and holistic development. We are thrilled to have you join us and look forward to your active engagement in shaping the future of this newsletter. Our department is not just a place for academic learning—it is a space where ideas flourish, teamwork thrives, and individuals grow into well-rounded professionals. I encourage each one of you to actively contribute for departmental newsletter, whether it's academic forums, cultural events, or technical projects. Such experiences not only sharpen your skills but also foster friendships and a sense of belonging. Our vision is to nurture leaders who embody excellence, creativity, and integrity. This is reflected not only in our academic achievements but also in our strong ties with industry. Each year, we would be proud to see the students participating various activities from our campus, which is a testament to the caliber of our students and the strength of our programs. Beyond academics, we emphasize cultural activities that enrich your education and foster a deeper appreciation for diverse talents. We are here to support you throughout this journey. If you have any questions or need guidance, please don't hesitate to reach out to the department. We are committed to helping you achieve your goals and making your time here both meaningful and rewarding. Let us work together to make this year a memorable and impactful one.

Warm regards,  
Prof (Dr). Prasenjit Mondal  
Head of Department. Pharmaceutical Technology

## Conference & Activities 2024

### Pharma Anveshan 2024 – 06.03.2024



**Pharma Anveshan 2024** celebrated the legacy of Prof. Mahadeva Lal Schroff, the pioneer of pharmacy education in India and founder of the first M.Pharm program at Banaras Hindu University in 1940.

### Outreach Activity: International Women's Day Celebration – 09.03.2024



**On International Women's Day**, an awareness programme on women's health and gender sensitisation was held at Prithiba RadhaRani Girls High School, Prithiba, North 24 Parganas, emphasising healthy lifestyles and health-related issues.

## International Seminar – 24.04.2024



On March 24th, 2024, Dr. Devalina Law from AbbVie, USA, led a session on re-dispersible amorphous nanoparticles, highlighting advanced techniques to improve the oral delivery of poorly soluble BCS Class IV drugs and inspiring students to explore pharmaceutical research careers.

## Workshop on Outcome-Based Education – 19.07.2024

The July 19, 2024, workshop on Outcome-Based Education (OBE) equipped participants with the skills to design measurable learning outcomes, align curricula and implement student-centred teaching. It also covered methods for evaluating OBE effectiveness and using data-driven strategies to enhance quality and accountability in education.

## Outreach Activity: CPR Training – 23.08.2024



**On August 23, 2024**, the outreach activity at Prithiba Kumar Gokul Chandra Memorial High School, Prithiba, North 24 Parganas, coordinated by the Department of Pharmaceutical Technology, Brainware University, empowered students and faculty with essential CPR skills.

## Seminar on “Expert talk on mentoring for startup” - 23.08.2024

On August 23rd, 2024, the Department of Pharmaceutical Technology, Brainware University, hosted a seminar on "Mentoring for Startups," with Dr. Suman Deb, HOD, CSE, NIT Agartala, delivering the keynote. B.Pharm students Mr. Pallab Sarkar and Mr. Sreyangshu Modak presented on pharmaceutical and healthcare startups. The event emphasized entrepreneurship's role in innovation and economic growth, inspiring students with new ideas and insights.

## 2 Days International Conference: Drug Discovery Advances, Challenges & Perspectives (13.09.24 and 14.09.24)



**On September 13th and 14th, 2024**, the 2-Day International Conference on "Drug Discovery: Advances, Challenges & Perspectives" explored innovations and challenges in drug discovery. Experts from academia, industry, and regulatory bodies discussed overcoming obstacles like high costs and regulatory complexities, aiming to accelerate transformative therapies and improve patient outcomes.

## Celebration of 4th National Pharmacovigilance Week, 2024, Theme-Building ADR Reporting Culture for Patient Safety- 21.09.2024

**On September 21st, 2024**, the 4th National Pharmacovigilance Week was celebrated with the theme "Building ADR Reporting Culture for Patient Safety." A seminar focused on the importance of ADR reporting, best practices, and innovative tools. Workshops and networking encouraged collaboration among healthcare professionals, regulators, and patients, aiming to strengthen ADR reporting and improve medication safety.

## World Pharmacist Day-2024 Theme- Pharmacists: Meeting Global Health Needs- 25.09.2024



**On September 25th, 2024,** the Department of Pharmaceutical Technology hosted a World Pharmacist Day seminar themed "Pharmacists: Meeting Global Health Needs." Key speakers, including Dr. Prasenjit Mondal, Dr. B.B. Barik, and Mr. Pholhad Das, discussed the evolving roles of pharmacists. The seminar highlighted their vital contributions to global health and fostered networking and inspiration.

## Awareness camp on Basic Education on Women health-related diseases- 27.09.2024



**On September 27, 2024**, the Department of Pharmaceutical Technology, held a women's health awareness program at Faldi High School, Duttapukur. Coordinated by Mr. Sudip Saha and Mrs. Piyali Khamkat, the session focused on women's lifestyle, health issues, and societal impacts. This event presented on various health challenges faced by minor girls. The program provided valuable insights on promoting women's health. It was an informative and impactful initiative for students and faculty alike.

## Fresher's Welcome 2024 - 05.10.2024



**On October 5th, 2024**, Brainware University's Department of Pharmaceutical Technology hosted the Freshers' Welcome 2024, where senior students performed songs, dances, and group acts. The HOD and Dean welcomed first-year M. Pharm, B. Pharm, and D. Pharm students, introducing them to the department's cultural traditions and fostering connections with seniors.

## 63RD National Pharmacy Week celebration- Health Camp “Think Health, Think Pharmacy” -21.11.2024



**On November 21st, 2024**, Brainware University's Department of Pharmaceutical Technology organized a health camp at Sree Ramakrishna Prema Bihar Ashram during National Pharmacy Week. Led by Dr. Rajib Sankar Saha, the camp provided free check-ups, treated 32 patients, and distributed medicines. Remaining medicines were donated to the ashram, offering valuable experience in patient care.

## Pharma Seminar -21.11.2024



**On November 21st, 2024**, the 63rd National Pharmacy Week (NPW), themed "Think Health, Think Pharmacy," highlighted pharmacists' roles in healthcare. A seminar with industry experts and faculty focused on medication safety, pharmacy services, and professional growth, inspiring students and leaving a lasting impact.

## Pharma Exhibition -22.11.2024



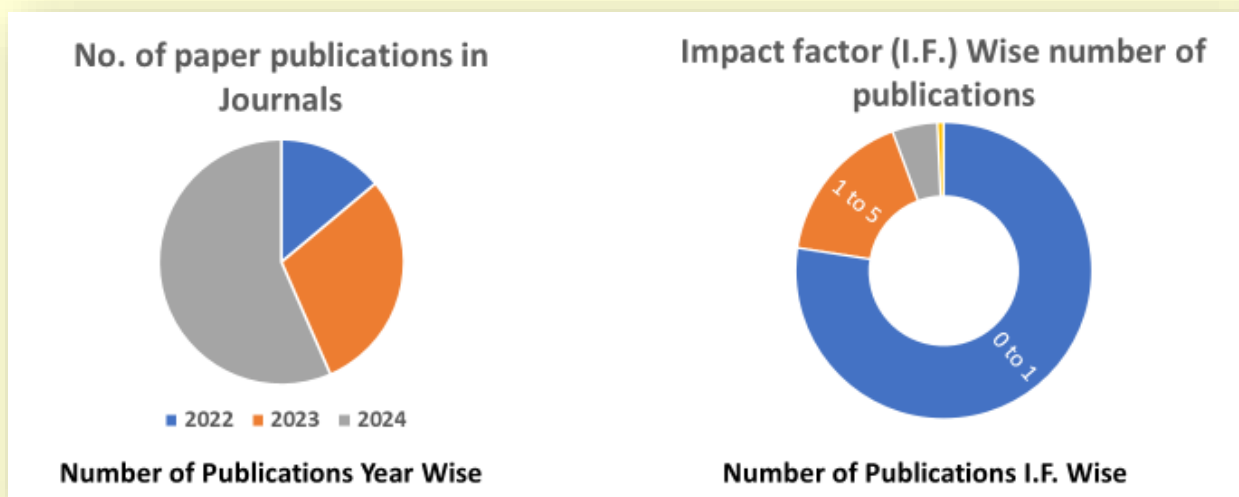
**On November 22, 2024**, Brainware University celebrated the 63rd National Pharmacy Week with IPA Bengal Branch and the Institution's Innovation Council. The "Think Health, Think Pharmacy" theme featured a Pharma-Exhibition with 59 student presentations, inspiring innovation and professional growth in healthcare.

## Seminar -01.12.2024



**On December 1, 2024**, the Department of Pharmaceutical Technology, Brainware University, proudly hosted a seminar on "*Navigating Careers with Specialized Technical Skills in the Pharmaceutical Sector*," inspiring students and professionals to explore career opportunities in this dynamic field.

## Departmental Achievements Paper Publication Records



**Total Departmental Publications in 2024: 72**

### Teacher-Student Publication Impact factor (I.F. JCR. Clarivate) wise in 2024

Name of the author/s	Name of journal	Impact Factor
Moumita Kundu <i>et al.</i>	Molecular Cancer	37.3
Sreejan Manna, Olivia Sen <i>et al.</i>	Carbohydrate Polymers	11.2
Moumita Kundu <i>et al.</i>	Biochimica et Biophysica Acta (BBA) - Reviews on Cancer	9.7
Sreejan Manna <i>et al.</i>	International Journal of Biological Macromolecules	8.2
Shayeri Chatterjee Ganguly <i>et al.</i>	International Journal of Biological Macromolecules	7.7
Sreejan Manna <i>et al.</i>	International Journal of Biological Macromolecules	7.7
Sumon Giri, Zainab Irfan <i>et al.</i>	Gels	5

<i>Julekha Kazi et al.</i>	Journal of Drug Delivery Science and Technology	5
<i>Shayeri Chatterjee Ganguly et al.</i>	Neurochemistry International	4.4
<i>Ayon Dutta et al.</i>	Current Medicinal Chemistry	4.1
<i>Zainab Irfan et al.</i>	Heliyon	4
<i>Gourab Biswas et al.</i>	Molecular Diversity	3.8
<i>Stabak Das, Sreejan Manna et al.</i>	Journal of Biomaterials Science Polymer Edition	3.6
<i>Olivia Sen, Sreejan Manna et al.</i>	International Journal of Polymeric Materials and Polymeric Biomaterials	3.2
<i>Zainab Irfan et al.</i>	PeerJ	2.7
<i>Shayeri Chatterjee Ganguly et al.</i>	Journal of Nanoparticle Research	2.5
<i>Ayon Dutta et al.</i>	Current Pharmaceutical Biotechnology	2.2
<i>Piyali Khamkat, Vivek Barik et al.</i>	Current Pharmaceutical Biotechnology	2.2
<i>Poulami Sarkar, Olivia Sen, Stabak Das, Sreejan Manna et al.</i>	ChemistrySelect	1.9
<i>Olivia Sen, Poulami Sarkar, Stabak Das, Sreejan Manna et al.</i>	ChemistrySelect	1.9
<i>Piyali Khamkat, Vivek Barik et al.</i>	Current Cancer Therapy Reviews	0.6
<i>Ayon Dutta et al.</i>	Current Drug Therapy	0.3

## Book/ Book Chapters Published

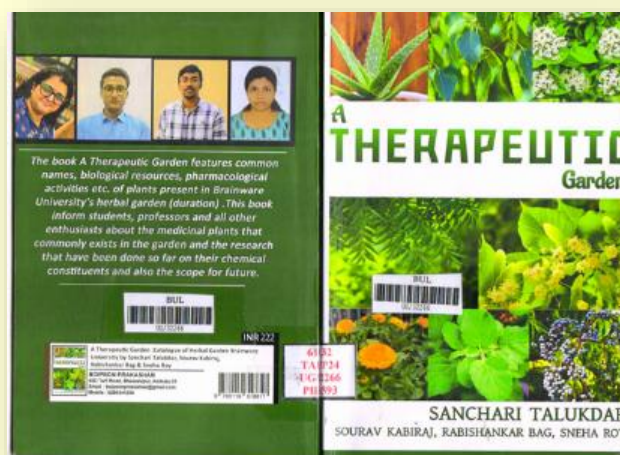
Publishers	Number of books/book Chapters
Springer	5
Elsevier	5
CRC Press	3
Booksclinic Publishing	1
Global Net Publishing	1
Lambert Academic Publishing	1
Iterative International Publishers (IIP)	2
Pritam Publications	1
Shashwat Publications	1
EBH Publishers	2

## Patents Granted/ Published in 2024

Patent Title	Applicant/s Name
Device for Assessing Analgesic, Antiinflammatory, and Antioxidant Properties of Natural Products	Priya Manna
Optimization and Characterization of Mouth Dissolving Tablets for Enhanced Solubility of Anti-Emetic Drugs Using Hydrotropic Techniques	Rajesh Kumar Mukherjee
Artificial Intelligence Enabled Computer Device to Predict The Alzheimer's Disease	Rajesh Kumar Mukherjee
Gas Chromatography Mass Spectrophotometer for Impurity Analysis of Chemical Compounds	Rajesh Kumar Mukherjee
Multichambered Device to Perform	Piyali Khamkat, Vivek Barik

Phytochemical Analysis	
Portable Device for Measuring HIV & Hepatitis Through Saliva	Sanket Seksaria
Combination Gel Formulation of Clove and Coriander Oil for Treating Periodontal Inflammation	Brainware University (Inventors: Mrs. Paramita Ganguly, Dr. Kazi Julekha, Mr. Baisanab Das Pathak)
Bioactive Nano Fibre Dressing for Treating Wounds and A Method For Preparation Thereof	Sumon Giri
Phytochemical Screening and Anti-Inflammatory Activities In Several Extract of Lactuca Sativa L- Var. Crispa	Mrs. Paramita Ganguly

## A Guide to the Departmental Herbal Garden



**Book Name:** “A Therapeutic Garden”

**Authors:** Sanchari Talukdar, Sourav Kabiraj, Rabishankar Bag & Sneha Roy

**Call Number:** 615.32 TAL’P24

**Location:** Departmental Library of Pharmaceutical Technology

## Faculty Achievements



**Mr. Ayon Dutta**  
*(Associate Professor)*  
First Prize in Poster  
Presentation at  
International Conference  
organized by JIS  
University, Kolkata



**Mr. Rajesh Kumar  
Mukherjee**  
*(Associate Professor)*  
First Prize in Poster  
Presentation at  
International Conference  
organized by JIS, Kolkata



**Ms. Arpita Biswas**  
*(Associate Professor)*  
First Prize in Abstract  
Presentation at National  
Conference organized by  
Bharat Technology,  
Uluberia



**Dr. Vivek Barik**  
*(Associate Professor)*  
First Prize in Abstract  
Presentation at National  
Conference organized by  
Bharat Technology,  
Uluberia



**Dr. Saptarshi Samajdar**  
*(Associate Professor)*  
Third Prize in Oral  
Presentation at  
International conference  
organized by Maharishi  
University, Lucknow

## Student Achievements

### All India Masters entrance examination qualifiers (GPAT/NIPER-JEE)



The Department of Pharmaceutical Technology, Brainware University, proudly congratulates its students for excelling in **GPAT** and **NIPER** exams. Their hard work and dedication have earned them national recognition, highlighting their academic excellence. These achievements reflect the university's commitment to nurturing future leaders in pharmacy.

### Departmental Top Rankers-2024



**Monami Sardar** (B. Pharm)  
Percentage of Marks: 93.45%



**Shiuli Bera** (M. Pharm, 1<sup>st</sup> year)  
Pharmaceutics  
Percentage of Marks: 90.77%

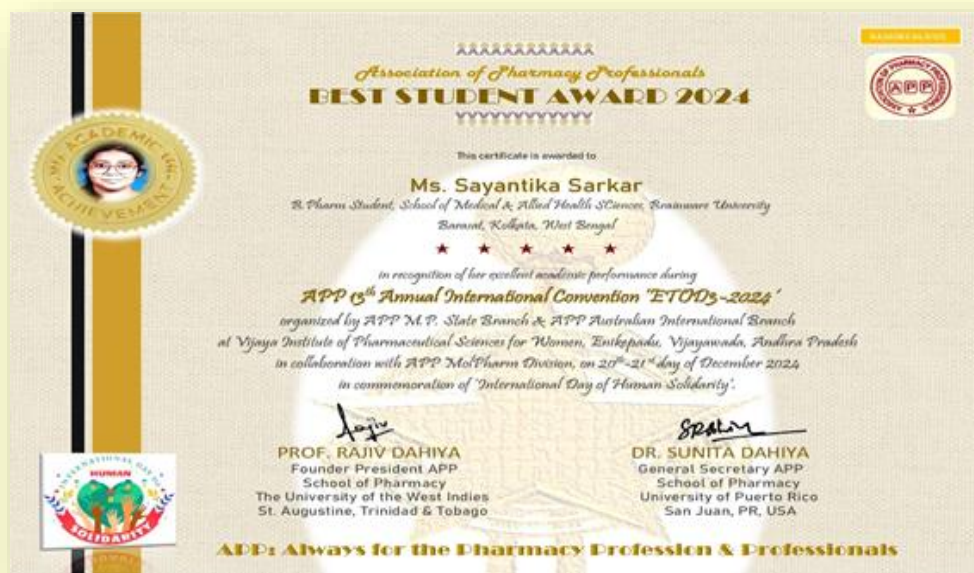


**Tomal Paul** (D. Pharm)  
Percentage of Marks: 96.18%



On November 22nd, 2024, students were awarded prizes for their talents and excellence and innovation showcased in the Pharma-Exhibition during the 63rd National Pharmacy Week celebration at Brainware University.

## Best Student Award



B.Pharm, 8th Sem student Ms. Sayantika Sarkar, received best student award 2024 in recognition of her excellent academic performance during Association of Pharmacy Professionals 13th Annual International Convention ETOD3-2024, organized by APP M.P State Branch & APP Australian International Branch held on 20-21st December,2024.



**On November 30, 2024**, Department of Youth Affairs, Ministry of Youth Affairs and Sports, Govt of India organised Science Mela to provide recognition and appreciation to the Innovation and Scientific creation which can enhance and forward the society as a whole for a developed future.



**Students of B.Pharm 3rd semester** from the Department of Pharmaceutical Technology showcased their strength and teamwork by securing victory in the **tug-of-war competition** held on **21st November 2024**.

## Departmental Best Practices

### Commencement of Drug Information Centre (DIC)

#### Objectives:

- Provide accurate and organized medicine information to patients, physicians, and healthcare professionals.
- Offer unbiased medical data tailored to practitioners' needs.
- Promote patient care by educating on dosage, side effects, adherence, frequency, and brand alternatives.
- Train pharmacy students to become effective providers of medicine information.
- Raise awareness about Adverse Drug Reactions (ADR) through pharmacovigilance and data collection.
- Conduct patient counseling to ensure safe and informed medication use.
- Spread awareness on drug overdoses, poisoning, and toxicology, including emergency first aid for venomous bites and hazardous exposures.

#### Time:

- The DIC will be functional on all working hours **10 AM to 4 PM**

#### Other activities:

- Training of health care workers on the rational use and drug information

**BRAINWARE UNIVERSITY**  
**Department of Pharmaceutical Technology**



*“Conferring social responsibilities”  
by the Department of Pharmaceutical  
technology*

#### Services:

- **Drug information:** Information about a drug or its product, including its identification, profile, indications, and dosage
- **Safety:** Information about a drug's safety, contraindications, and adverse reactions
- **Drug interactions:** Information about how drugs interact with each other
- **Efficacy:** Information about a drug's efficacy and treatment options
- **Pregnancy, lactation, and pediatrics:** Information about drugs for pregnant, lactating, and pediatric patients
- **Toxicology:** Information about toxicology
- **Intravenous additive incompatibilities:** Information about incompatibilities between intravenous additives
- **Pharmacokinetic parameters:** Information about a drug's pharmacokinetic parameters
- **Dosing:** Information about dosing drugs based on a patient's disease and physiologic conditions

#### Contact Persons :

- **Ms. Teasha Chakraborty**  
Drug Information Centre in-charge  
M.Pharm (Pharmacology)(PhD)
  - **Dr. Kazi Julekha**  
Drug Information Centre Assoc. in-charge  
M.Pharm (Pharmacology), PhD
  - **Dr. Vivek Barik**  
Drug Information Centre Assoc. in-charge  
Pharm.D. (PhD)
- DIC Office contact No.**  
03369010663
- Email:**  
bwu.dic@brainwareuniversity.ac.in

Department of Pharmaceutical Technology, Brainware University launches its **Drug Information Centre (DIC)** to provide reliable medication information and promote patient care. Open 10 AM to 4 PM on working days. Contact details in the flyer.

## Driving Innovation: Highlights from the Departmental Research and Scientific Committee (DRSC)



To motivate the faculties for research, guiding on journal selection, avoiding cloned journals, enhancing departmental research, and mentoring for publications, patents, and book chapters, inspiring academic growth.

## Fostering Knowledge Exchange: Departmental Teachers' Talk



The session aims to educate faculty by providing accurate information, fostering critical thinking, stimulating curiosity, and enhancing interest in the topic. It also focuses on developing presentation skills, pedagogy, confidence, and a positive attitude for effective teaching.

## “HOD’s Appreciation Award” for publication of Summer Session 9th July 2024



**Dr. Prasenjit Mondal**, HOD of the Department of Pharmaceutical Technology, honoured the department's faculty with medals and mementos during the Summer Session Appreciation Awards for their outstanding contributions to research and publications.

## “HOD’s Appreciation Award” winners for Summer Session (January to June 2024)

Special Achievements	Faculty Name
Highest Number of Publication	Mrs.Piyali Khamkat (Associate Professor)
Highest Publication as a first author	Mrs.Piyali Khamkat (Associate Professor)
Publication with highest Impact factor	Dr.Moumita Kundu (Associate Professor)
Highest publication with impact factor	Mr.Sreejan Manna (Associate Professor)



**Mrs.Piyali Khamkat**  
(Associate Professor)



**Dr.Moumita Kundu**  
(Associate Professor)



**Mr.Sreejan Manna**  
(Associate Professor)

## Sample testing Services of the department



**BRAINWARE UNIVERSITY**

DEPARTMENT OF PHARMACEUTICAL TECHNOLOGY

### INSTRUMENTATION SAMPLE TESTING SERVICES



#### UV-VIS SPECTROSCOPY

**Model No:** Shimadzu 1900i  
**Price:** Rs. 236/Sample (inclusive all taxes)



#### RP-HPLC

**Model No:** Waters 1525 with PDA  
**Price:** Rs. 1180\*/Sample (inclusive all taxes) (\*charges may vary depending on the nature of the sample as well as mobile phase)



#### FT-IR SPECTROSCOPY

**Model:** Bruker Germany-Alpha II  
**Price:** Rs. 236/Sample (inclusive all taxes)



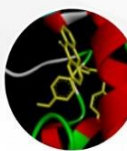
#### ROTARY EVAPORATOR

**Model:** D Lab RE100  
**Price:** Rs. 236/200ml Organic Sample  
Rs. 590/200ml Hydro-Alcoholic Sample (inclusive all taxes)



#### TABLET PUNCHING

**Model:** Kambert 8 station  
**Price:** Rs. 236/Batch (Not more than 500 Tablets; Granules to be provided) (inclusive all taxes)



#### COMPUTER AIDED DRUG DESIGN (MOLECULAR DOCKING ADME ORAL TOXICITY)

**Price:** Rs. 590/5 compounds (inclusive all taxes) (PDB id/Disease name/Name of protein & Structure should be provided)



#### LYOPHILIZER

**Model:** Bio Technical Resources  
**Price:** Rs. 590/200ml (Aqueous Sample) (inclusive all taxes)

#### For more information contact:

##### 1. Mr. Baisnabdas Pathak

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bp.pt@brainwareuniversity.ac.in  
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##### 2. Mr. Bramhajit Chatterjee

Assistant Professor & Coordinator,  
Central Instrumentation Facility  
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8972933402

##### 3. Office of HOD

hod.pt@brainwareuniversity.ac.in  
03369010522

## **Memorandum of understanding (MoU's) with the department Brainware University Partners with Sura Labs to Advance Pharmaceutical Research**



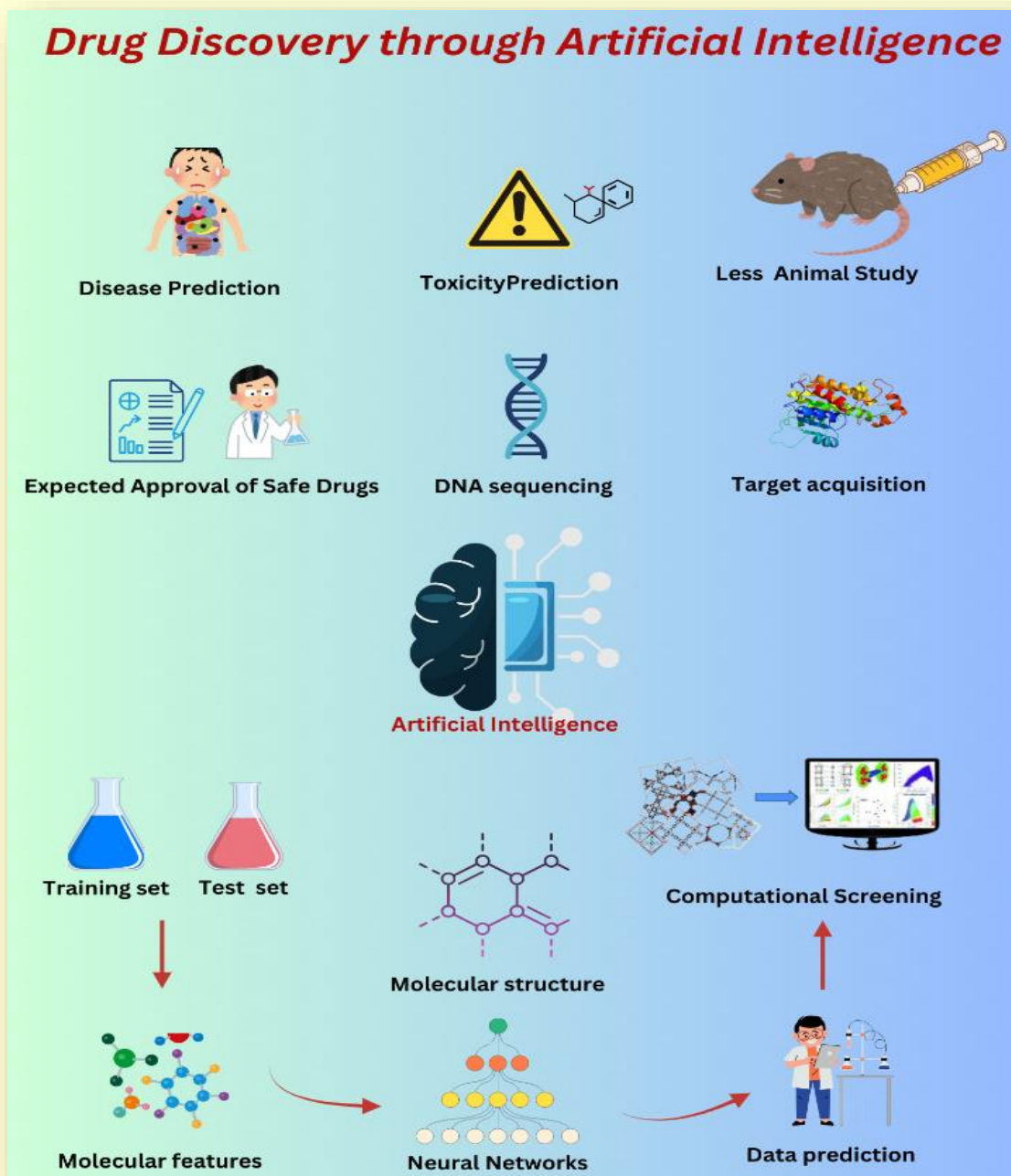
The Department of Pharmaceutical Technology, Brainware University, has proudly signed an MoU with Sura Labs, Hyderabad, fostering collaboration in innovation and research excellence.

## **Brainware University Collaborates with TAAB Biostudy Services for Clinical Research Excellence**



The Department of Pharmaceutical Technology, Brainware University, has signed an MoU with TAAB Biostudy Services, Kolkata, to strengthen collaboration in clinical research and innovation.

## Future Prospects of Pharmaceutical Sciences



AI is transforming drug discovery by enabling disease and toxicity prediction, reducing animal studies, and improving the efficiency of drug design. It uses DNA sequencing for target acquisition, molecular features for optimization, and neural networks to predict safety and efficacy. Virtual screening and modeling of molecular structures accelerate the development of safe, effective drugs.

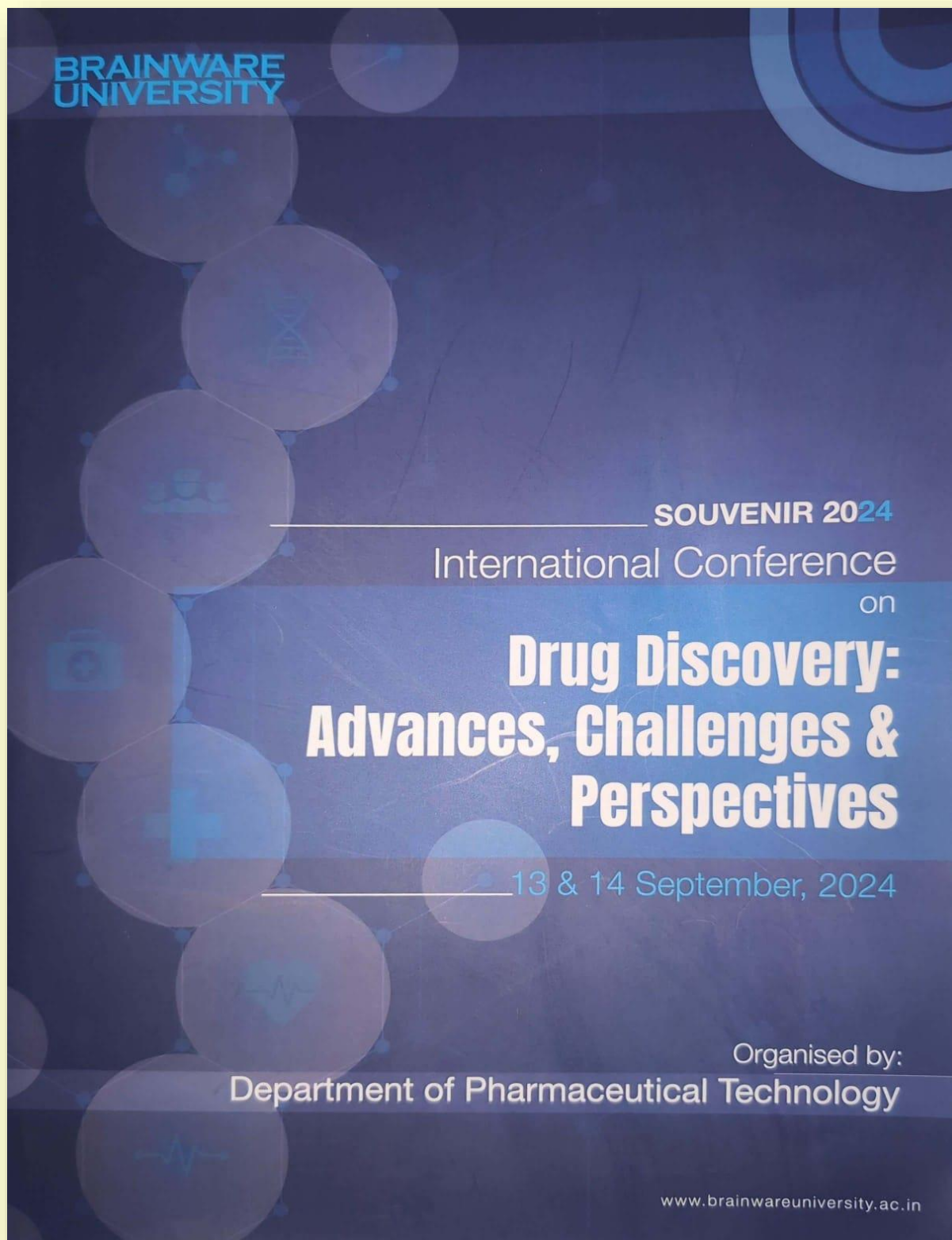
## FDA Approved drugs 2024

Drug Name	Active Ingredient	Approval Date (MM/DD/YYYY)	FDA-approved use on approval date
Tryngolza	olezarsen	12/19/2024	To treat familial chylomicronemia syndrome
Ensacove	ensartinib	12/18/2024	To treat non-small cell lung cancer
Crenessity	crinecerfont	12/13/2024	To treat classic congenital adrenal hyperplasia Press Release
Unloxcyt	cosibelimab-ipdl	12/13/2024	To treat cutaneous squamous cell carcinoma
Bizengri	zenocutuzumab-zbco	12/4/2024	To treat non-small cell lung cancer and pancreatic adenocarcinoma
Iomervu	iomeprol	11/27/2024	For use as a radiographic contrast agent
Rapiblyk	landiolol	11/22/2024	To treat supraventricular tachycardia
Attruby	acoramidis	11/22/2024	To treat cardiomyopathy of wild-type or variant transthyretin-mediated amyloidosis
Ziihera	zanidatamab-hrii	11/20/2024	To treat unresectable or metastatic HER2-positive (IHC 3+) biliary tract cancer
Revuforj	revumenib	11/15/2024	To treat relapsed or refractory acute leukemia
Orlynvah	sulopenem etzadroxil, probenecid	10/25/2024	To treat uncomplicated urinary tract infections (uUTI)
Vyloy	zolbetuximab-clzb	10/18/2024	To treat gastric or gastroesophageal junction adenocarcinoma.s: VYLOY
Hympavzi	marstacimab-hncq	10/11/2024	To prevent or reduce bleeding episodes related to hemophilia A or B Press Release
Itovebi	inavolisib	10/10/2024	To treat locally advanced or metastatic breast cancer
Flyrcado	flurpiridaz F 18	9/27/2024	A radioactive diagnostic drug to evaluate for myocardial ischemia and infarction
Cobenfy	xanomeline and	9/26/2024	To treat schizophrenia Press

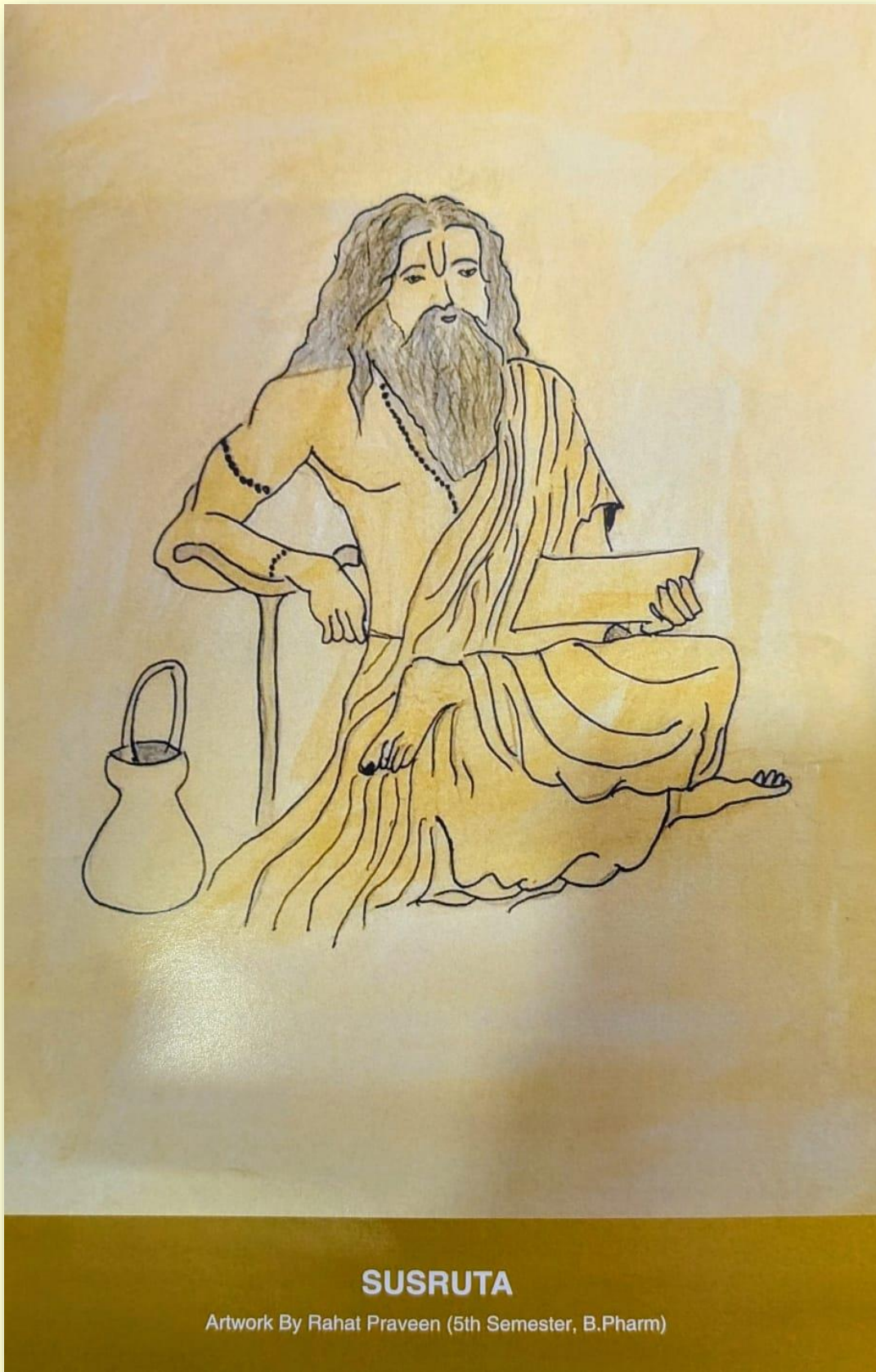
			Release
Aqneursa	trospium chloride levacetylleucine	9/24/2024	To treat Niemann-Pick disease type C Press Release.
Miplyffa	arimoclomol	9/20/2024	To treat Niemann-Pick disease type C Press Release.
Ebglyss	lebrikizumab-lbkz	9/13/2024	To treat moderate-to-severe atopic dermatitis.
Lazcluze	lazertinib	8/19/2024	To treat non-small cell lung cancer
Niktimvo	axatilimab-csfr	8/14/2024	To treat chronic graft-versus-host disease (cGVHD).
Livdelzi	seladelpar	8/14/2024	To treat primary biliary cholangitis (PBC).
Nemluvio	nemolizumab-ilto	8/12/2024	To treat prurigo nodularis.
Yorvipath	palopegteriparatide	8/9/2024	To treat hypoparathyroidism.
Voranigo	vorasidenib	8/6/2024	To treat Grade 2 astrocytoma or oligodendroglioma.
Leqselvi	deuruxolitinib	7/25/2024	To treat severe alopecia areata.
Kisunla	donanemab-azbt	7/2/2024	To treat Alzheimer's disease.
Ohtuvayre	ensifentrine	6/26/2024	To treat chronic obstructive pulmonary disease.
Piasky	crovalimab-akkz	6/20/2024	To treat paroxysmal nocturnal hemoglobinuria.
Sofdra	sofpironium	6/18/2024	To treat primary axillary hyperhidrosis.
Iqirvo	elafibranor	6/10/2024	To treat primary biliary cholangitis in combination with ursodeoxycholic acid.
Rytelo	imetelstat	6/6/2024	To treat low- to intermediate-1 risk myelodysplastic syndromes.
Imdelltra	tarlatamab-dlle	5/16/2024	To treat extensive stage small cell lung cancer.
Xolremdi	mavorixafor	4/26/2024	To treat WHIM syndrome (warts, hypogammaglobulinemia, infections and myelokathexis).
Ojemda	tovorafenib	4/23/2024	To treat relapsed or refractory pediatric low-grade glioma.

Anktiva	nogapendekin alfa inbakicept-pmln	4/22/2024	To treat bladder cancer.
Lumisight	pegulicianine	4/17/2024	To use as an optical imaging agent for the detection of cancerous tissue.
Zevtera	ceftobiprole medocaril sodium	4/3/2024	To treat certain bloodstream infections, bacterial skin and associated tissue infections, and community-acquired bacterial pneumonia Press Release.
Voydeya	danicopan	3/29/2024	To treat extravascular hemolysis with paroxysmal nocturnal hemoglobinuria.
Vafseo	vadadustat	3/27/2024	To treat anaemia due to chronic kidney disease.
Winrevair	sotatercept-csrk	3/26/2024	To treat pulmonary arterial hypertension.
Duvyzat	givinostat	3/21/2024	To treat Duchenne muscular dystrophy in individuals aged 6 years and older Release.
Tryvio	aprocitentan	3/19/2024	To treat hypertension.
Rezdiffra	resmetirom	3/14/2024	To treat noncirrhotic non-alcoholic steatohepatitis with moderate to advanced liver scarring Press Release.
Tevimbra	tislelizumab-jsgr	3/13/2024	To treat unresectable or metastatic esophageal squamous cell carcinoma.
Letybo	letibotulinumtoxinA -wlbq	2/29/2024	To temporarily improve the appearance of moderate-to-severe glabellar lines.
Exblifep	cefepime, enmetazobactam	2/22/2024	To treat complicated urinary tract infections.
Zelsuvmi	berdazimer	1/5/2024	To treat molluscum contagiosum.

U.S. Food and Drug Administration. Novel drug approvals for 2024 [Internet]. Silver Spring (MD): FDA; [cited 2024 Dec 20]. Available from: <https://www.fda.gov/drugs/novel-drug-approvals-fda/novel-drug-approvals-2024>



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**SUSRUTA**

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