



Working towards being the best...

NAAC Accredited

GRY Institute of Pharmacy

Borawan



PULSE

E-Bulletin

Volume 6, Issue 1, June 2025



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NAAC Accredited B++ grade, Autonomous, Approved by PCI, Recognized by DTE , Bhopal Affiliated To RGPV, Bhopal



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Chairman's Message

I am pleased to announce the launch of "PULSE," GRY's e-bulletin for June 2025 ! Our institute remains committed to nurturing students into responsible citizens through value-based education. This newsletter highlights their achievements, success stories, and overall progress, while also appreciating the dedication of our staff and faculty.

I extend my heartfelt thanks to everyone for their unwavering support and contribution to our mission. "PULSE" reflects our commitment to academic excellence, co-curricular engagement, and continuous growth. I convey my best wishes to the editorial board and the entire team for the continued success and bright future of "PULSE"!



Sh. Arun Yadav
Chairman, JNCET

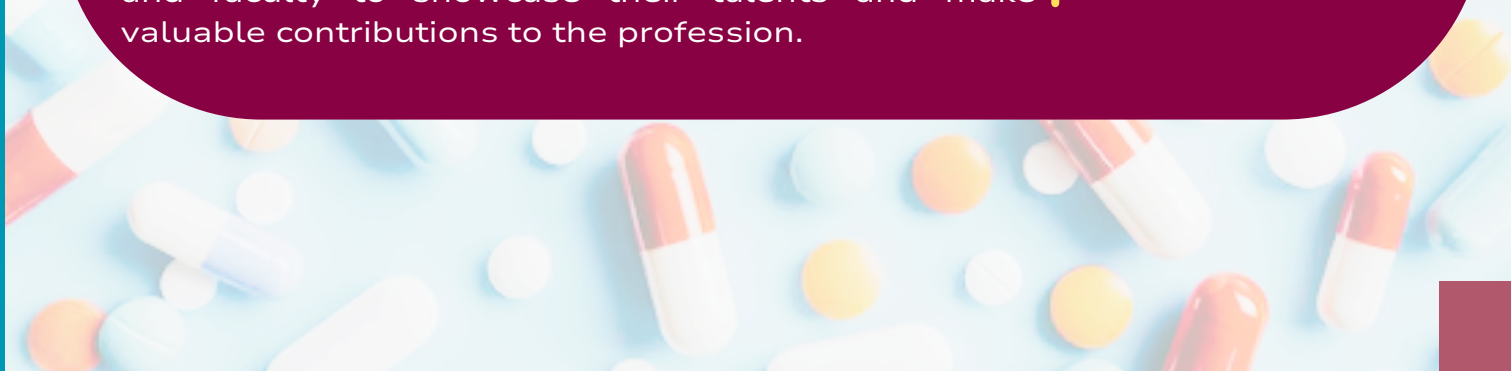
Principal's Message

I am delighted to be part of an institution committed to nurturing students' growth and unlocking their full potential. The college's strides in blending value-based education with modern teaching methodologies are truly admirable. Our e-bulletin, "PULSE," serves as a dynamic platform for sharing insightful content, celebrating accomplishments, and highlighting college events, activities, and progress.

I sincerely thank the editorial team, coordinators, faculty, staff, and students for their unwavering dedication in bringing this publication to life. The June 2025 issue stands as a reflection of their hard work, and I am confident that this newsletter will continue to provide a meaningful platform for both students and faculty to showcase their talents and make valuable contributions to the profession.



Dr. Sujit Pillai
Principal, GRYIP





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Editor's Message

We the editorial committee feels proud to publish biannual newsletter named "PULSE", the e-bulletin edition (Jan 2025 to Jun 2025) of GRY Institute of Pharmacy, Borawan. This e-bulletin is a compilation of new achievements & furnishing information about the activities of the institution. In this edition, we have tried to capture events and achievements of recently concluded session.

We are grateful to our chairman and secretary for their support to release this e-bulletin. We extend our sincere thanks to our principal for granting the permission to release e-bulletin and faculty members for their suggestions throughout the process of publication.



Ms. Nidhi Namdev
Associate Professor

Editorial Team

Editor

Mrs. Nidhi Namdev

Co-Editors

Mrs. Sonam Kukloria

Mr. Vijay Salvekar

Dr. Nilesh Mandloi

Ms. Aayushi Patud

Mr. Gourav Trivedi

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Mr. Prakhar Choudhary

Ms. Saniya Karma

Ms. Ruchita Sharma

Ms. Aditi Sohani

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OUR PLACEMENTS

GRY INSTITUTE OF PHARMACY, BORAWAN

OUR TOP PLACEMENT - 2025

Dycine Pharmaceuticals Ltd.	Ayka Pharma	Eclipta Pharmaceutical Pvt. Ltd.	Ayka Pharma	Cyno Pharmaceutical Pvt. Ltd.	Ayka Pharma	Ayka Pharma	Vetgrow Pharma Pvt. Ltd.	Nirise Pharmaceutical Pvt. Ltd.	Azis Labs
Ashwini Yadav	Chiranjivi Yadav	Harsh Patidar	Harshit Kumawat	Hemant Vaglie	Kamesh Rathod	Krishna Pawar	Kuldeep Kumawat	Madhusudan Yadav	Mahesh Nagpure
Alkem Pharmaceuticals	Ayka Pharma	SemKem Pharma	Nandani Medical Laboratories	Legit Medicaments	Makin Laboratories Pvt. Ltd.	Dycine Pharmaceuticals Ltd.	Ayka Pharma	Zordac Healthcare	Cyno Pharmaceutical Pvt. Ltd.
Manish Birta	Montu Yadav	Nandani Gupta	Nandani Patidar	Navneet Patidar	Palak Patidar	Pankaj Yadav	Pratik Joshi	Ram Kushwah	Ram Mandloi
Cyno Pharmaceutical Pvt. Ltd.	SemKem Pharma	Azis Labs	Life Science Pharma	Makin Laboratories Pvt. Ltd.	Makin Laboratories Pvt. Ltd.	SemKem Pharma	Dycine Pharmaceuticals Ltd.	Ayka Pharma	Nandani Medical Laboratories
Rampal Solanki	Riya Rathod	Rounak Yadav	Rupesh Yadav	Sakshi Keshre	Shruti Chandel	Vinod Senani	Vipul Kumawat	Harshdeep Chandore	Sujita Yadav

OUR TOPPERS

8.56 CGPA	8.25 CGPA	8.05 CGPA	8.05 CGPA
8th Sem			
	Anjali Batham	Pooja Punasiya	Nandani Patidar
8.17 SGPA	8.08 SGPA	8.0 SGPA	
3rd Sem			
	Purvanjali Patidar	Suyash Tomar	Priya Jaiswal
8.55 SGPA	8.28 SGPA	8.14 SGPA	
1st Sem			
	Pari Parmar	Vedika Chandel	Kashish Upadhyay





GRYIP BECOMES MP'S FIRST AUTONOMOUS (UGC) PHARMACY INSTITUTE



GRY Institute of Pharmacy, Borawan has added another remarkable achievement to its name by becoming the first private pharmacy institute in Madhya Pradesh to be granted autonomous status. This prestigious recognition comes under the University Grants Commission (UGC) and is affiliated with Rajiv Gandhi Proudyogiki Vishwavidyalaya (RGPV), Bhopal. Earlier, the institute was also recognized as the first private pharmacy college in MP to receive NAAC accreditation, setting a

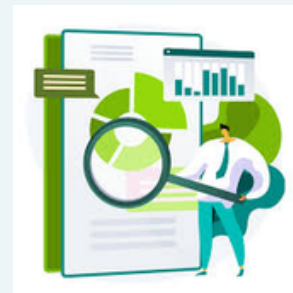
benchmark for academic excellence. Under the leadership of Chairman Sh. Arun Yadav and Principal Dr. Sujit Pillai, GRYIP continues to lead in quality pharmaceutical education. This milestone reflects the dedication and hard work of the entire team.

FACULTIES ACHIEVEMENTS

Paper Published >>>

Nidhi Namdev & Prabhat Kumar Das published research paper on “Fabrication and Characterization of Novel Liquid Film Forming Solution for Pain Management” in International Journal of Drug Delivery Technology in June 2025.

Mohini Patidar published research paper on “Oxadiazole Derivatives as Potential EGFR Protein Kinase Inhibitors: Prediction of in-silico ADMET Properties and Molecular Docking Study” in International Journal of Advanced Research (IJAR) in May 2025.





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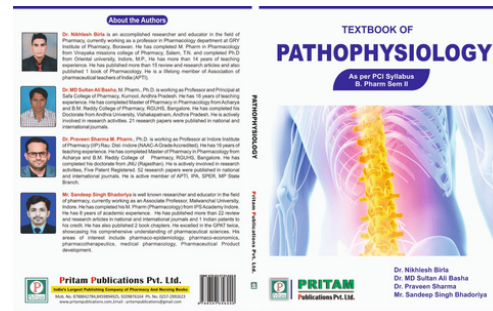


FACULTIES ACHIEVEMENTS

Book Published >>>



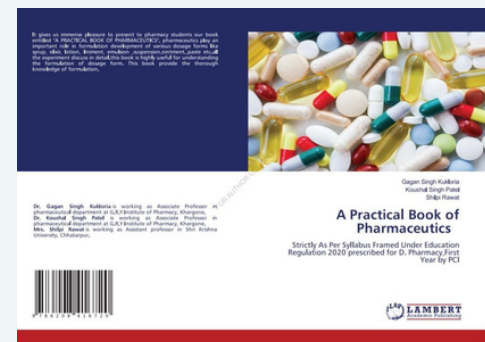
Dr. Nikhilesh Birla published a book entitled "Textbook of Pathophysiology" published by Pritam Publications Pvt. Ltd. for B. Pharm second sem students.



Dr. Koushal Singh Patel published a book entitled "Pharmaceutics I" published by Pritam Publications Pvt. Ltd. for B. Pharm first sem students.



Dr. Gagan Singh kukloria and Dr. Koushal Singh Patel published a book entitled "A Practical Book of Pharmaceutics" published by Lambert academic publishing for D. Pharm first year students





FACULTIES ACHIEVEMENTS

Nidhi Namdev awarded for presenting research work on “Fabrication and Characterization of Novel Film Forming Gel for Wound Healing & Pain Management” at the International Conference held on 29th March 2025 at GRY Institute of Pharmacy, Borawan.



Dr. Prabhat Kumar Das and **Dr. Nitin Deshmukh**, esteemed faculty members of GRY Institute of Pharmacy have received an R&D project sanction from the M.P. Council of Science and Technology (MPCST). The project is titled “Isolation and Evaluation of Semi-Synthetic Bioactive Compounds from Plant Extracts of Traditional Herbs of the Narmada River Valley and Establishment of Mechanism of Action as Potential Anti-Cancer Agents.”

This initiative combines traditional herbal knowledge with modern scientific approaches to support cancer research and drug development.



Mohini Patidar Appreciated by Gram panchayat Gopalpura for her excellent work and endless hours of service as NSS officer at GRY Institute of Pharmacy since 2021.



FACULTIES PARTICIPATIONS

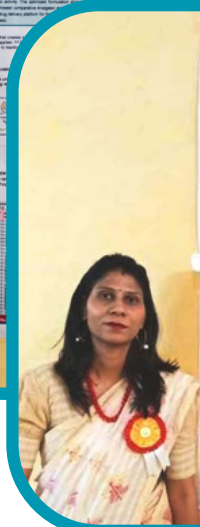
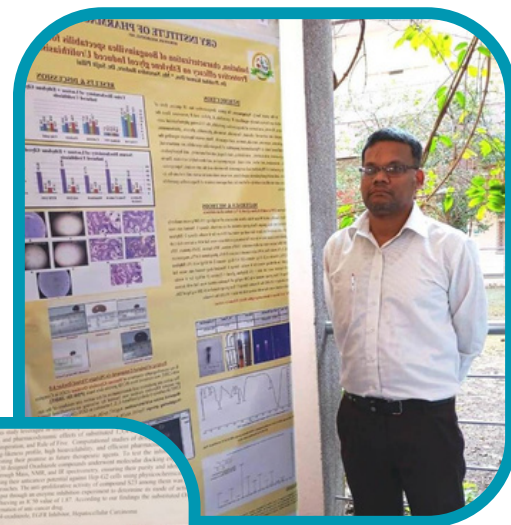
Seminar/FDP/Workshop/Guest Lecture

Prabhat Kumar Das and **Nidhi Namdev** participated in poster presentation at International Conference “MP PRIDE 2025” organized by RGPV, Bhopal on 04 January 2025.

Nidhi Namdev participated in oral presentation at National Seminar organized at Faculty of Pharmacy, Medi-Caps University, Indore on 01 February 2025.

Mohini Patidar delivered a guest lecture on “In- silico tool for prediction of physicochemical & biological activity of designed compounds” in Mangaldeep Institute of Pharmacy, Aurangabad on 25 April 2025.

Sonam Kukloria, Mohini Patidar and Nidhi Namdev participated in a poster presentation at the International Conference organized by GRY Institute of Pharmacy, Borawan, on 29 March 2025.





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FACULTIES PARTICIPATIONS

Seminar/FDP/Workshop/Training Program

Narendra Bhadore, Prabhat Das, Nilesh Mandloi, Bhoopendra Patidar, Kaushal Patel, Nidhi Namdev, Gourav Trivedi, and Aayushi Patud attended International Conference 'MP PRIDE 2025' organized by RGPV, Bhopal on 04 Jan 2025.



Nikhlesh Birla, Rampal Mandloi and Nidhi Namdev attended National Seminar organized at Faculty of Pharmacy, Medi-Caps University, Indore on 01 February 2025.

Prabhat Das, Bhoopendra Patidar, Nilesh Mandloi, Gagan Kukloria, Vijay Salvekar, Mohini Patidar, Sonam Kukloria and Gourav Trivedi attended "Swayam NPTEL Workshop" conducted at Acropolis Institute of Technology and Research, Indore on 24 April 2025.



Rahu Khedi, Madhya Pradesh, India
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Long 75.943089°
24/04/25 03:09 PM
NPTEL AWARENESS WORKSHOP Acropolis group of institutions



STUDENT'S PARTICIPATIONS & ACHIEVEMENTS

Student of the year award

Rounak Yadav, a final year B.Pharm student, was honored with the prestigious 'Student of the Year' Late Shri Subhash Yadav Memorial Award during the International Conference GRYPICON 2025 held at GRY Institute of Pharmacy. His outstanding academic performance and active involvement in co-curricular activities earned him this recognition.



Poster Presentation

Pooja Punasiya (First Prize), Khushi Bhawsar, Sakshi Nimade and Rani Mandloi participated in poster presentation at the International Conference organized by GRY Institute of Pharmacy, Borawan, on 29 March 2025.

Khushi Bhawsar and Saniya Karma participated in oral presentation and Yash Tare attended National Seminar organized at Faculty of Pharmacy, Medi-Caps University, Indore on 01 February 2025.





INSTITUTE EVENTS

INTERNATIONAL CONFERENCE

The Institute successfully organized its second International Conference, GRYPICON 2025, on Saturday, March 29, 2025, themed "Clinical Trials: Addressing Practices, Challenges and Global Innovations." The event was sponsored by CSIR, MPCST, and BRNS.

Renowned international speakers Ms. Ya-Han Lee, Critical care pharmacist, from Taipei, Taiwan, and Ms. Bethanne Carpenter, Clinical Pharmacy Supervisor from California, USA, shared valuable insights on clinical pharmacy and innovations in healthcare. Esteemed dignitaries including Prof. Neeraj Upmanyu, Pro VC of Sage University, Bhopal, and Prof. Indrajeet Singhvi, Provost of Pacific Medical University, Udaipur, graced the occasion. Dr. Atul Shirkhedkar, Vice Principal of R.C. Patel Institute, Shirpur and Dr. Neelesh Malviya, Principal, SCOPE Indore, served as the session chair, The conference attracted enthusiastic participation from academicians, researchers, and students, fostering global dialogue on current practices and challenges in clinical trials. Sessions focused on ethical concerns, regulatory issues, and innovations in trial design. The event concluded on a high note, leaving a lasting impact on all participants.



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INSTITUTE EVENTS

NSS & NCC Activities

NCC COMBINE ANNUAL TRAINING CAMP >>>



<<< NSS SPECIAL CAMP



YOGA DAY CELEBRATION >>>



PLANTATION



HEALTH CHECK UP



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INSTITUTE EVENTS

HEALTH CHECK UP CAMP



परम श्रद्धेय स्व.श्री सुभाष यादव जी की स्मृति में

निःशुल्क स्वास्थ्य परामर्श, जाँच एवं औषधि वितरण शिविर

18 फरवरी 2025, मंगलवार

समय - प्रातः 09 बजे से 02 बजे तक

स्थान - शासकीय बालक प्राथमिक विद्यालय परिसर, ग्राम बालसमुद

श्री अरुण यादव (मुख्य द्रव्दी)

श्री सचिन यादव (द्रव्दी)

<p>डॉ. संतोष पाटीदार (सिंधु रोग विशेषज्ञ)</p>	<p>डॉ. बाबुलाल लोढर (सिंधु रोग विशेषज्ञ)</p>	<p>डॉ. अनुष्ठी चौहान (रक्त रोग विशेषज्ञ)</p>	<p>डॉ. करिष्मा पाटीदार (सर्दी रोग विशेषज्ञ)</p>	<p>डॉ. जे.आर. नवकाश (टी.बी. एवं छाती रोग विशेषज्ञ)</p>	<p>डॉ. अजयिका गैल (रक्त रोग विशेषज्ञ)</p>	<p>डॉ. संतोष बड़से (रक्त रोग विशेषज्ञ)</p>
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जी.आर. व्हाय इंस्टिट्यूट ऑफ फार्मेसी, बोरावां

WOMEN'S DAY CELEBRATION



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INSTITUTE EVENTS

ANNUAL SPORTS WEEK



SELF DEFENSE TRAINING



FAREWELL PARTY



ARTICLES

New Study Suggests Path Toward Development of a Universal Cancer Vaccine

MRNA-BASED CANCER TREATMENT FOR MULTIPLE TUMOR TYPES

A new study from the University of Florida, published in Nature Biomedical Engineering, reveals that an experimental mRNA vaccine can significantly boost the effectiveness of immunotherapy in mice, potentially paving the way for a universal cancer vaccine.

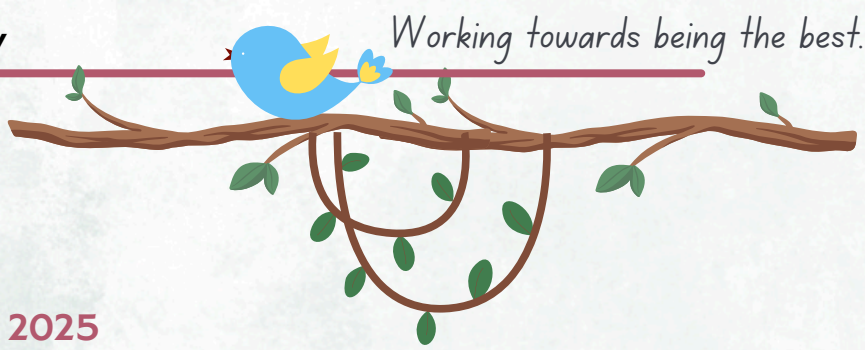
Instead of targeting a specific tumor protein, the vaccine activates the immune system broadly—similar to how it responds to viruses. When combined with PD-1 inhibitors, a common immunotherapy drug, the vaccine triggered strong antitumor responses in hard-to-treat cancers like melanoma, brain, bone, and skin tumors. In some models, tumors were completely eliminated.

Lead researcher Dr. Elias Saylor said the generalized mRNA vaccine—similar in design to COVID-19 vaccines—may offer an alternative to surgery, radiation, and chemotherapy. Unlike earlier cancer vaccines that had to be personalized or tumor-specific, this approach could work "off-the-shelf" for many cancer types.

The vaccine works by increasing PD-L1 expression in tumors, making them more receptive to treatment. Researchers found that even without targeting cancer directly, the vaccine could "wake up" inactive T cells to attack tumors. These findings represent a third major paradigm in cancer vaccine development—stimulating a strong immune response regardless of tumor specificity.

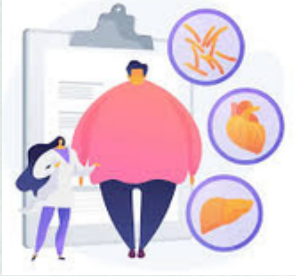
Supported by the NIH and other agencies, the team is now optimizing the formulation and preparing for human clinical trials, aiming to create a widely applicable immunotherapy that could transform cancer treatment worldwide.

Prakhar Choudhary
B. Pharm (Third Year)



ARTICLES

Next-Gen Weight-Loss: Create Your Own Drug with CRISPR Technology




“CUTTING-EDGE GENOME EDITING TECHNOLOGY”

Japanese Researchers Develop One-Time Gene Therapy for Weight Loss. Weight-loss drugs are popular but often require regular injections. Now, researchers from Osaka University have developed a one-time gene therapy that enables the body to produce its own weight-loss medication.

Published in *Communications Medicine*, the study introduces a novel genome editing technique “CRISPR Technology”. Cutting-edge genome editing technology refers to advanced methods that allow scientists to precisely modify DNA within living cells. This technology can add, remove, or alter genes to treat diseases, enhance traits, or create long-lasting therapies. It holds promise for tackling complex conditions like obesity, diabetes, and genetic disorders."

The team encoded the gene for Exenatide, a weight-loss drug, into the liver cells of obese, pre-diabetic mice. These mice produced consistent levels of the drug for months, ate less, gained less weight, and showed improved glucose metabolism—without noticeable side effects. The gene therapy acts as a long-term drug reservoir, ensuring steady release of Exenatide into the bloodstream.

This innovative strategy could reduce the burden of repeated injections and improve treatment adherence. The researchers believe this approach can be adapted to treat other chronic conditions with no single genetic cause. “This could offer a long-term alternative to injectable biologics,” says lead author Keiichiro Suzuki. The approach may lead to lasting treatments for multifactorial diseases that current genome editing can't address



Saniya Karma
B. Pharm (Third Year)



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ARTICLES

PERSONALIZED MEDICINE & PHARMACOGENOMICS: REVOLUTIONIZING MODERN HEALTHCARE

Introduction

The traditional "one-size-fits-all" approach in medicine has long been the norm, but with increasing understanding of human genetics and molecular biology, a new era has emerged—Personalized Medicine. This approach tailors medical treatment to the individual characteristics of each patient, with a strong emphasis on genetic, environmental, and lifestyle factors. Central to this revolution is Pharmacogenomics, the study of how genes affect an individual's response to drugs. Together, these fields are transforming how diseases are diagnosed, prevented, and treated.

What is Personalized Medicine?

Personalized Medicine (PM), also known as precision medicine, involves using information about a person's genetic makeup or other molecular or cellular analysis to guide decisions made in regard to the prevention, diagnosis, and treatment of disease.

In clinical practice, this can mean:

Identifying a cancer's specific mutation and selecting a targeted therapy.

Tailoring drug dosage based on liver enzyme metabolism.

Predicting disease risk using genomic markers and offering preventive care.

Rather than treating all patients with the same protocol, PM allows physicians to select treatments that are most likely to be effective and least likely to cause adverse effects for each individual.

Understanding Pharmacogenomics

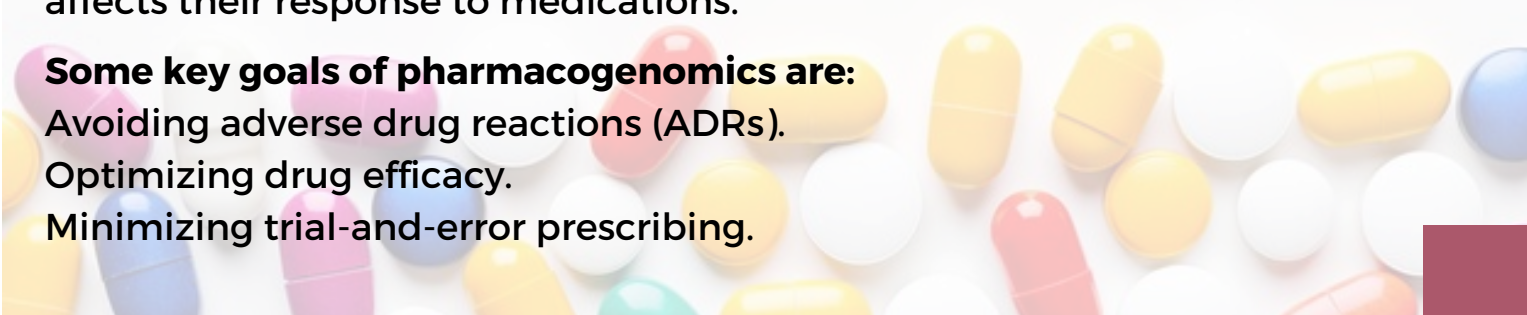
Pharmacogenomics is a key pillar of personalized medicine. It combines pharmacology (the science of drugs) and genomics (the study of genes and their functions) to understand how the genetic makeup of an individual affects their response to medications.

Some key goals of pharmacogenomics are:

Avoiding adverse drug reactions (ADRs).

Optimizing drug efficacy.

Minimizing trial-and-error prescribing.



ARTICLES

PERSONALIZED MEDICINE & PHARMACOGENOMICS: REVOLUTIONIZING MODERN HEALTHCARE

Real-World Applications

Oncology

Genomic profiling of tumors is now standard practice. Drugs like imatinib, gefitinib, and vemurafenib target specific mutations in leukemia, lung cancer, and melanoma, respectively.

Companion diagnostics are used alongside therapies to identify patients most likely to benefit.

Psychiatry

Genetic testing can guide antidepressant or antipsychotic selection by assessing variants in CYP2D6 and CYP2C19 enzymes, which metabolize many psychiatric medications.

Cardiology

Clopidogrel, a common antiplatelet drug, may not be effective in individuals with certain CYP2C19 polymorphisms, putting them at risk for clot formation after stenting.

Infectious Disease

HLA-B*57:01 genotyping is performed before prescribing abacavir to HIV patients, as it predicts risk of a potentially life-threatening hypersensitivity reaction.

Advantages of Pharmacogenomics in Personalized Medicine

- ✓ Improved drug safety - Reduced adverse drug reactions by identifying genetic risk factors.
- ✓ Enhanced efficacy - More precise drug targeting based on genetic compatibility.
- ✓ Cost-effective treatment - Avoiding ineffective therapies reduces overall healthcare costs.
- ✓ Faster diagnosis and better outcomes - Genetic testing helps in early and accurate detection of diseases.

Aditi Sohani
B.Pharm Second Year

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PHOTO
Gallery





Working towards being the best...

GRY Institute of Pharmacy

NEWS GALLERY

PULSE

E-Bulletin

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ग्राम करौंदिया में राष्ट्रीय सिकल सेल एनीमिया उन्मूलन मिशन एवं स्वास्थ्य परीक्षण कैम्प का आयोजन

ग्राम करौंदिया में राष्ट्रीय सिकल सेल एनीमिया उन्मूलन मिशन एवं स्वास्थ्य परीक्षण कैम्प का आयोजन... ग्राम करौंदिया में राष्ट्रीय सिकल सेल एनीमिया उन्मूलन मिशन एवं स्वास्थ्य परीक्षण कैम्प का आयोजन...

एक दिवसीय अंतर्राष्ट्रीय कार्यशाला का आयोजन कल

एक दिवसीय अंतर्राष्ट्रीय कार्यशाला का आयोजन कल... ग्राम करौंदिया में राष्ट्रीय सिकल सेल एनीमिया उन्मूलन मिशन एवं स्वास्थ्य परीक्षण कैम्प का आयोजन...



दैनिक चिंतन, उज्जैन 7

राष्ट्रीय सेवा योजना के सात दिवसीय विशेष शिविर का शुभारम्भ

राष्ट्रीय सेवा योजना के सात दिवसीय विशेष शिविर का शुभारम्भ... ग्राम करौंदिया में राष्ट्रीय सिकल सेल एनीमिया उन्मूलन मिशन एवं स्वास्थ्य परीक्षण कैम्प का आयोजन...

सोशल मीडिया फ्रॉड एवं ब्लेकमेलिंग से बचें युवा - टी.आई. राजेन्द्र बर्मन

सोशल मीडिया फ्रॉड एवं ब्लेकमेलिंग से बचें युवा - टी.आई. राजेन्द्र बर्मन... ग्राम करौंदिया में राष्ट्रीय सिकल सेल एनीमिया उन्मूलन मिशन एवं स्वास्थ्य परीक्षण कैम्प का आयोजन...

वैश्विक मंच पर फॉर्मेसी में रिसर्च एवं अनुसंधान से स्थापित होंगे नए आयाम - अरूण यादव

वैश्विक मंच पर फॉर्मेसी में रिसर्च एवं अनुसंधान से स्थापित होंगे नए आयाम - अरूण यादव... ग्राम करौंदिया में राष्ट्रीय सिकल सेल एनीमिया उन्मूलन मिशन एवं स्वास्थ्य परीक्षण कैम्प का आयोजन...

सोशल मीडिया पर निजी जानकारी जैसे जन्मातिथी, मोबाइल नंबर इत्यादि साझा न करें। पुलिस प्रशासन द्वारा विद्यार्थियों को महत्वपूर्ण जानकारी प्रदान की गई, इनपर अमल कर विद्यार्थी एवं आमजन सायबर फ्रॉड एवं धोखाधड़ी से बच सकेंगे। राष्ट्रीय सेवा योजना शिविर

लाइव स्ट्रीमिंग में एक हजार से अधिक शोधकर्ता जुड़े

लाइव स्ट्रीमिंग में एक हजार से अधिक शोधकर्ता जुड़े... ग्राम करौंदिया में राष्ट्रीय सिकल सेल एनीमिया उन्मूलन मिशन एवं स्वास्थ्य परीक्षण कैम्प का आयोजन...

जीआरव्हाय इंस्टीट्यूट ऑफ फॉर्मेसी द्वारा गोपालपुरा में राष्ट्रीय सेवा योजना के सात दिवसीय विशेष शिविर का शुभारम्भ..!!

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