



Gautam College of Pharmacy, Hamirpur

(Approved by PCI - New Delhi & Himachal Government)

01972-292018, 221493

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Affiliated to Himachal Pradesh Technical University, Hamirpur & Himachal Pradesh Technical Education Board, Dharamshala
Address: - Ward No. 10 Hamirpur (Himachal Pradesh)

REPORT ON WORLD HEPATITIS DAY 2024

Organised By: Gautam College of Pharmacy, Hamirpur

Supported By: IQAC (Internal Quality Assurance Cell)

Introduction: Gautam College of pharmacy, Hamirpur Organised an online guest lecture on World Hepatitis Day 28 July 2024

Hepatitis, an inflammation of the liver often caused by viral infections, remains a global health challenge. While antiviral therapies have advanced, the search for effective treatments continues. Drug repurposing—finding new uses for existing medications—offers a promising approach to enhance hepatitis management. This report reviews recent developments in repurposing drugs for hepatitis treatment, focusing on their efficacy, mechanisms, and potential benefits.

Event overview

The event featured an insightful lecture delivered by Dr. Anoop Kumar (Assistant Professor Department of Pharmacology at Delhi Institute of Pharmaceutical Education and Research)

The online Session Aimed to educate student and Faculty members about the Hepatitis and their treatment. The guest lecture was attended by 175 Individual, including Student, Faculty and staff member

Objective The objective of a guest lecture on World Hepatitis Day is to inform and engage the audience about hepatitis, emphasizing its prevention, detection, and treatment. The aim is to enhance understanding, encourage proactive health measures, and support global and local efforts to combat hepatitis.

Activity Undertaken

Inaugural Session: The Event commenced with a Welcome address by the Mrs. Poonam Talwan (Associate professor) Gautam college of Pharmacy, who gives the brief Introduction to the event

Expert Lecture: Dr Anoop Kumar Delivered a guest lecture on Repurposing of Drug against Hepatitis: the key points discussed are:-

1. Introduction to Hepatitis

- a. Hepatitis is a major global health concern, primarily caused by hepatitis viruses (Hepatitis A, B, C, D, and E).
- b. Chronic hepatitis can lead to severe complications, including liver cirrhosis and hepatocellular carcinoma.

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2. Drug Repurposing Concept:

- a. Repurposing involves taking drugs that are already approved for one disease and finding new therapeutic uses for them.
- b. This approach can accelerate the availability of treatments by bypassing some stages of drug development.

3. Reasons for Repurposing:

- a. **Reduced Development Time and Costs:** Existing drugs have established safety profiles, which can significantly cut down the time and cost of bringing a new treatment to market.
- b. **Known Pharmacokinetics:** The behaviour of these drugs in the body is well-documented, allowing for more predictable outcomes.
- c. **Potential for New Applications:** Drugs developed for other conditions might have unexpected efficacy against hepatitis.

4. Successful Examples:

- a. **Antiviral Agents:** Some antiviral drugs originally developed for other viral infections have shown promise against hepatitis viruses.
- b. **Anti-Cancer Drugs:** Certain drugs used in cancer treatment have exhibited activity against hepatitis viruses due to their impact on cellular mechanisms that the viruses exploit.
- c. **Immunomodulators:** Drugs aimed at modulating the immune system may enhance the body's ability to fight hepatitis infections.

5. Research and Clinical Trials:

- a. The lecture detailed ongoing research and clinical trials exploring various repurposed drugs.
- b. Notable examples include trials of drugs initially developed for HIV and cancer that are now being tested for their efficacy against Hepatitis

Q& A Session: Following the lecture, an interactive question answer session was held, where participant had the opportunity to engage directly with Dr. Anoop Kumar

Dr. Anoop Kumar
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Molecular dynamic studies

- Application for studying the physical properties of atoms and molecules
- Fluids (Newton or non-Newtonian)
- Polymers
- Proteins
- Drug/Proteins of molecular sites
- Drug/Order in time
- Drug/Solubility (log₁₀ P_{ow}, log₁₀ P_{ow}, log₁₀ P_{ow} etc.)
- Drug/Solubility, enthalpy and entropy
- Drug/Solubility (S₁, S₂)
- Drug/Prediction and correlation
- Drug/Interaction (DSC, DSC, enthalpy of fusion, P_{ow}, P_{ow} etc.)
- Growth, drug stability

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गौतम कॉलेज में विश्व हेपेटाइटिस दिवस पर विशेष व्याख्यान का आयोजन

सबेरा न्यूज/अहमद, हमीरपुर, 28 जुलाई : विश्व हेपेटाइटिस दिवस के अवसर पर गौतम कॉलेज ऑफ फार्मसी में फार्मा को विजिलेंस आधारित दृष्टिकोण का उपयोग करके हेपेटाइटिस के खिलाफ दवाओं का पुनर्प्रयोगन दिवस पर एक विशेष अतिथि व्याख्यान का आयोजन किया गया। इस अवसर पर गौतम ग्रुप ऑफ कॉलेजों के प्रबंध निदेशक जगदीश गौतम, सचिव डॉ. रजनीश गौतम तथा गौतम कॉलेज ऑफ फार्मसी के प्रचार्य प्रो. डॉ. संजय कुमार भी उपस्थित थे। कार्यक्रम की शुरुआत एसोसिएट प्रो. पूनम तलवान ने की। प्रबंध निदेशक जगदीश गौतम तथा सचिव डॉ. रजनीश गौतम ने समका स्वागत किया और कार्यक्रम की सफलता की कामना की। इसके उपरांत कॉलेज के प्राचार्य डॉ. संजय कुमार ने इस कार्यक्रम के मुख्य अतिथि डॉ. अनूप कुमार, सहायक प्रोफेसर फार्मा कोर्साजी विभाग, दिल्ली इंस्टीट्यूट ऑफ फार्मास्युटिकल एजुकेशन एंड रिसर्च का स्वागत किया और अपने विचारों को साझा करने को आमंत्रित किया। डॉ. अनूप कुमार ने अपने व्याख्यान में फार्मा को विजिलेंस की महत्ता पर जोर देते हुए बताया कि कैसे दवाओं के पुनर्प्रयोगन से हेपेटाइटिस जैसी गंभीर बीमारियों के इलाज में सफलता प्राप्त की जा सकती है। उन्होंने विभिन्न अध्ययनों और शोध कार्यों का उल्लेख करते हुए दवाओं के पुनर्प्रयोगन की प्रक्रिया और इसके लाभों पर विस्तृत जानकारी दी। छात्रों और फैकल्टी ने व्याख्यान में उत्साहपूर्वक भाग लिया और महत्वपूर्ण जानकारी प्राप्त की। प्रश्नोत्तर सत्र में डॉ. कुमार से विभिन्न प्रश्न पूछे गए और उन्होंने सभी के प्रश्नों का संतोषजनक उत्तर दिया। इस व्याख्यान का उद्देश्य हेपेटाइटिस के खिलाफ जागरूकता बढ़ाना और छात्रों को नवीनतम शोध और तकनीकों से अवगत कराना था। अंत में डॉ. रजनीश गौतम के चोट ऑफ थैंक्स साथ इस कार्यक्रम का समापन हुआ।


Mon. 29 July 2024

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Event coordinator
Mr. Rakesh Kumar

Organized by ICAC Head




Dr. Anup Kumar
77001

• World Hepatitis Day (28th July 2024) - GCOP


• Meeting code: uzk-ucfm-ybn

• Created on 2024-07-28 13:43:31

• Ended on 2024-07-28 15:02:33

Full Name	First Seen	Time in Call	Full Name	First Seen	Time in Call
4208 Deepika Sharma	28/07/2024 14:22	00:39:58	Muskan Sharma	28/07/2024 14:30	00:32:08
AK Saklani	28/07/2024 14:23	00:38:54	NAMISHA SHARMA	28/07/2024 14:20	00:42:06
AKHIL MOUDGIL	28/07/2024 13:53	01:34:57	Neha Neha	28/07/2024 13:47	01:15:20
AKSHAY RANA	28/07/2024 14:03	00:55:27	Neha Soni	28/07/2024 14:17	00:40:27
Aarti Rana	28/07/2024 14:04	00:39:54	Nikhil Sharma	28/07/2024 14:06	00:35:11
Aarush	28/07/2024 14:04	00:48:22	Nikita thakur	28/07/2024 14:19	00:03:01
Aaryan Rajput	28/07/2024 14:07	00:02:41	Nishant Rakwal	28/07/2024 14:10	00:43:00
Abhishek Abhi	28/07/2024 14:06	00:02:44	Nk Nikhil	28/07/2024 14:04	00:07:42
Abhishek Kumar	28/07/2024 14:08	00:02:28	Palak Elsa	28/07/2024 14:04	00:57:49
Abhishek Saini	28/07/2024 13:55	01:07:27	Palvi Rana	28/07/2024 14:25	00:37:00
Abhishek Singh	28/07/2024 14:04	00:01:16	Pan Kaj	28/07/2024 14:02	00:51:26
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Aditya Thakur	28/07/2024 14:55	00:01:36	Paras Chaudhary	28/07/2024 14:22	00:05:51
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Ankita Sharma	28/07/2024 14:23	00:19:04	Priya Chandel	28/07/2024 14:49	00:12:50
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Gajender Singh	28/07/2024 13:43	01:06:36	Shivani Sharma	28/07/2024 13:51	01:11:00
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Isha Thakur	28/07/2024 14:04	00:57:43	Sourav Bhardwaj	28/07/2024 14:11	00:28:11
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Jessica Joy	28/07/2024 14:23	00:39:12	TANYA GUPTA	28/07/2024 13:55	01:03:22
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			Urvinder Kaur Baidwan		

Kanika Kumari	28/07/2024 14:11	00:09:36	Vanshu Choudary	28/07/2024 14:20	00:04:15
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Kritika Rahi	28/07/2024 14:09	00:06:03	Vlogger HP47 (Aditya Pathania)	28/07/2024 14:06	00:06:28
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Meghna Guleria	28/07/2024 14:53	00:01:41	sahil singh	28/07/2024 14:20	00:29:39
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 Director cum Prindpal
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