

**CBCP**Ph. No. 08413 -202295  
Mobile: 9493539631**CHILKUR BALAJI COLLEGE OF PHARMACY**

(Approved by AICTE, New Delhi, Govt of Telangana & Affiliated to JNT University, Hyderabad)  
R.V.S. Nagar, Aziz Nagar (Post), Moinabad Road, Near : T.S. Police Academy  
HYDERABAD - 500 075.

**Date: 04-03-2023****Brief Report on ONE DAY NATIONAL SEMINAR****Date: 04-03-2023, 10:00am to 4:30pm****Place: CBCP Seminar Hall**

One national seminar on "Current Practices in Drug Delivery Technology, Quality Assurance & Regulatory Affairs in Pharmaceutical Industry" was successfully organized on 4<sup>th</sup> march 2023.

Total number of 171 registrations were received, and 164 delegates attended the seminar.

Poster presentations was held, in which 11 posters were exhibited, and 1<sup>st</sup>, 2<sup>nd</sup>, and two 3<sup>rd</sup> prizes were given.

**Coordinators:****Mrs.T.Indira Priyadarshini,****Dr.S.Sandhya rani,****Mr.A. Ramarao****PRINCIPAL****Dr. CHANDRASEKHARA RAO BARU****PRINCIPAL****Chilkur Balaji College of Pharmacy****R.V.S. Nagar, Aziz Nagar (Post),  
Moinabad Road, Near Police Academy,  
HYDERABAD-500 075.**



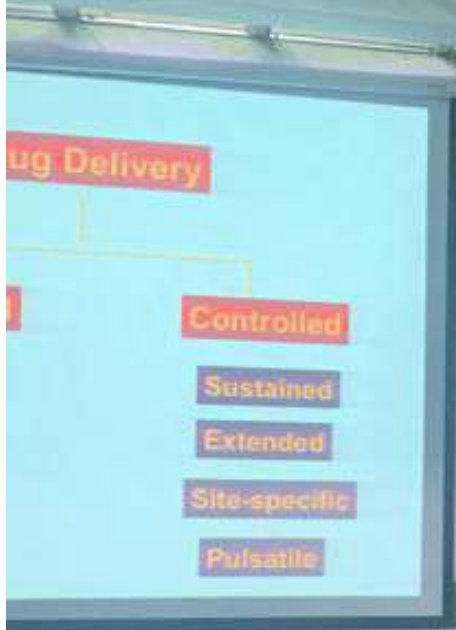
## అసోసియేషన్ నర్సాపూర్ బ్రాంచ్ అధ్యక్షులు

### డాక్టర్ రమేష్ అల్లూరి

మొయినాబాద్ రూరల్ న్ మార్చ్ 04 (నగర నిజం):- ఫార్మసీ విద్యను అభ్యసించు స్తున్న విద్యార్థులు నైపుణ్యంతో కూడిన విద్యను అభ్యసించినప్పుడే అభ్యసించినప్పు డే మీ భవిష్యత్తులకు బంగారు భవిష్యత్తు ఉంటుందని ఇండియన్ వర్మ సిటికల్ అసోసియేషన్ అసోసియేషన్ నర్సాపూర్ బ్రాంచ్ అధ్యక్షులు డాక్టర్ రమేష్ అల్లూరి పేర్కొన్నారు. శనివారము మండల పరిధి లోని అజీజ్ నగర్ గ్రామ సమీపంలో గల చిలుకూరు బాలాజీ చిలుకూరు బాలాజీ ఫార్మసీ కళాశాలలో జాతీయస్థాయి సెమి నార్ కార్యక్రమాన్ని కళాశాల డైరెక్టర్లు పి రమేష్ బాబు ఏం నరసింహారెడ్డి ఎం మధుసూదన్ రెడ్డి ఆధ్వర్యంలో ఈ కార్యక్రమాన్ని నిర్వహించారు. ఈ జాతీయ స్థాయి సెమినార్ కార్యక్రమంలో రాష్ట్రంలోని నలుమూలల నుండి వివిధ కళాశాలల ఫార్మసీ విద్యార్థులు 500 ల విద్యార్థులు పాల్గొన్నారు. ఈ కార్యక్రమానికి ముఖ్య అతిథిగా డాక్టర్ రమేష్ అల్లూరి పాల్గొని జ్యోతి ప్రజ్వలన చేసి ప్రారంభించి ఆయన మాట్లాడుతూ ప్రపంచంలోనే ఫార్మసీ రంగం ఎంతో



కీలకమైందని అన్నారు. ఫార్మసీ విద్య అభ్యసించున్న విద్యార్థులకు ఉజ్వల భవిష్యత్తు ఉందని ఆయన సూచించారు. ఫార్మసీ విద్యలో నైపుణ్యాన్ని పెంపొందించుకుంటే ఫార్మా రంగంలో హైదరాబాద్ దేశంలోనే కాకుండా ప్రపంచంలోనే తలమానికమని కొనియాడారు. కరోనా సమయంలో ఎంతో ప్రాధాన్యత లభించి దని ఆయన అన్నారు. ఈ కార్యక్రమంలో కళాశాల ప్రిన్సిపల్ డాక్టర్ చంద్రశేఖర రావు డైరెక్టర్లు రమేష్ బాబు రెడ్డి మధు సూదన్ రెడ్డి అపగాహన సంభాషకులు ప్రభాకర్ రెడ్డి ఆఫ్ ఇండియా ఫార్మసీ కౌన్సిల్ ఆఫ్ ఇండియా మెంబర్ వీరారెడ్డి ఎం శ్రీనివాస్ గౌతమ్ ఆయా కళాశాల విద్యార్థులు అధ్యాపకులు పాల్గొన్నారు. మాట్లాడుతున్న ఇండియన్ ఫార్మాసిటికల్ అసోసియేషన్ నర్సాపూర్ బ్రాంచ్ అధ్యక్షులు డాక్టర్ రమేష్ అల్లూరి



GPS Map Camera



**Hyderabad, TG, India**  
Aziz Nagar Village, Hyderabad, 500075, TG, India  
Lat 17.348484, Long 78.340259  
03/04/2023 11:08 AM GMT+05:30  
Note : Captured by GPS Map Camera



GPS Map Camera



# Hyderabad, TG, India

Aziz Nagar Village, Hyderabad, 500075, TG, India

Lat 17.348320, Long 78.339882

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Maps

## HISTORY OF GMP



- 1936 • Elixir of Sulfanilamide – Usage of poisonous solvent Diethylene glycol – Around 107 peoples died
- 1941 • Nearly 300 peoples died by Sulfathiazole tablet
- 1960 • Thalidomide – Teratogenic caused serious side effects in developing fetus leads to deformed legs and arms. Around 10000 fetus infected
- 1979 • GMP for Drugs (21 CFR 210 & 211) & Medical Devices (21 CFR 820)
- 1979 • Good Laboratory Practices (21 CFR Part 58)
- 2002 • ICH Quality Vision / Q7, Q8 & Q9
- 2003 • FDA Quality System Guidelines
- 2008 • ICH Q10 Pharmaceutical Quality System





GPS Map Camera

**Aziznagar, Telangana, India**

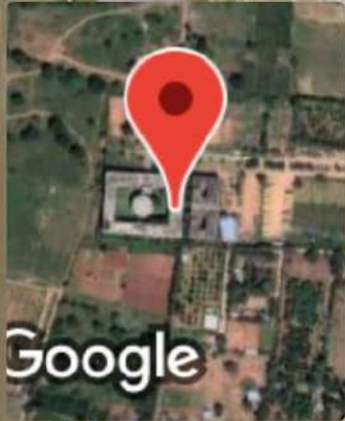
88XR+76R chilkur Balaji college of pharmacy

Hyderabad, Aziznagar, Telangana 500075

Lat 17.348366°

Long 78.339907°

04/03/23 01:37 PM GMT +05:30





NS23-PY

### MONOCLONAL ANTIBODIES

**CONCEPT**  
A single type of antibody that is produced by a single clone of B cells.

**CHARACTERISTICS**  
Specificity, Homogeneity, Purification, Stability, Solubility, Reproducibility.

**APPLICATIONS**  
Diagnostics, Therapeutics, Research, Vaccines, Transgenic Mice, Cell Sorting, Drug Delivery, Cancer Treatment.

**PREPARATION**  
Transgenic Mice, Hybridoma Technology, Phage Display, Single Cell Sorting.

**ADVANTAGES**  
High specificity, Homogeneity, Purification, Stability, Solubility, Reproducibility.

**CONCLUSION**  
Monoclonal antibodies are highly specific and can be used for a wide range of applications in medicine and research.

### TRANSGENIC MICE

**CONCEPT**  
Mice that have been genetically modified to produce a specific protein or antibody.

**CHARACTERISTICS**  
Specificity, Homogeneity, Purification, Stability, Solubility, Reproducibility.

**APPLICATIONS**  
Diagnostics, Therapeutics, Research, Vaccines, Transgenic Mice, Cell Sorting, Drug Delivery, Cancer Treatment.

**PREPARATION**  
Transgenic Mice, Hybridoma Technology, Phage Display, Single Cell Sorting.

**ADVANTAGES**  
High specificity, Homogeneity, Purification, Stability, Solubility, Reproducibility.

**CONCLUSION**  
Transgenic mice are highly specific and can be used for a wide range of applications in medicine and research.

### HYBRIDOMA

**CONCEPT**  
A cell line that is produced by the fusion of a B cell and a myeloma cell.

**CHARACTERISTICS**  
Specificity, Homogeneity, Purification, Stability, Solubility, Reproducibility.

**APPLICATIONS**  
Diagnostics, Therapeutics, Research, Vaccines, Transgenic Mice, Cell Sorting, Drug Delivery, Cancer Treatment.

**PREPARATION**  
Transgenic Mice, Hybridoma Technology, Phage Display, Single Cell Sorting.

**ADVANTAGES**  
High specificity, Homogeneity, Purification, Stability, Solubility, Reproducibility.

**CONCLUSION**  
Hybridomas are highly specific and can be used for a wide range of applications in medicine and research.

### CELL SORTING

**CONCEPT**  
A technique used to separate cells based on their physical and chemical properties.

**CHARACTERISTICS**  
Specificity, Homogeneity, Purification, Stability, Solubility, Reproducibility.

**APPLICATIONS**  
Diagnostics, Therapeutics, Research, Vaccines, Transgenic Mice, Cell Sorting, Drug Delivery, Cancer Treatment.

**PREPARATION**  
Transgenic Mice, Hybridoma Technology, Phage Display, Single Cell Sorting.

**ADVANTAGES**  
High specificity, Homogeneity, Purification, Stability, Solubility, Reproducibility.

**CONCLUSION**  
Cell sorting is a highly specific and can be used for a wide range of applications in medicine and research.

### DRUG DELIVERY

**CONCEPT**  
A technique used to deliver a drug to a specific site in the body.

**CHARACTERISTICS**  
Specificity, Homogeneity, Purification, Stability, Solubility, Reproducibility.

**APPLICATIONS**  
Diagnostics, Therapeutics, Research, Vaccines, Transgenic Mice, Cell Sorting, Drug Delivery, Cancer Treatment.

**PREPARATION**  
Transgenic Mice, Hybridoma Technology, Phage Display, Single Cell Sorting.

**ADVANTAGES**  
High specificity, Homogeneity, Purification, Stability, Solubility, Reproducibility.

**CONCLUSION**  
Drug delivery is a highly specific and can be used for a wide range of applications in medicine and research.




NS23-P6


### DEVELOPMENT OF POTENTIAL INHIBITORS AGAINST SARS-CoV-2 FROM HERBAL PLANTS OF ROSACEAE FAMILY (MOLDOCK DOCKING STUDY)

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Contact No: 9849393333

**ABSTRACT**



**LIFE CYCLE OF SARS-CoV-2**



**AIMS & OBJECTIVES**

To identify the potential inhibitors against Protein & RNA-STEALING, ORF3B, ORF4a, and ORF4b.

**METHODOLOGY**

- AutoDock Vina
- AutoDock Tools
- Discovery Studio Visualizer
- Chemical Shift Key
- Chemical Structure
- 3D Docking
- 3D Docking
- 3D Docking

**RESULTS & DISCUSSION**

Sl. No.	Compound Name	Binding Energy (kcal/mol)	Hydrogen Bonding	Hydrophobic Interactions
1	Quercetin	-6.5	4	12
2	Resveratrol	-5.8	3	10
3	Epigallocatechin gallate	-5.2	2	8
4	Genistein	-4.9	2	7
5	Flavone	-4.5	1	6



NS23-P5

Poster code NS23-P5

## COSMETIC PREPARATION/ LIP STICK FORMULATIONS

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Chikur Balaji College of pharmacy

**ABSTRACT**  
Cosmetics have become one of the daily necessities of all groups in society every year, with users being informed of new cosmetic products of the latest trend. Lipstick is one of the beauty products that dictates the unique market. Lipstick is a cosmetic product that contains pigments, oils, waxes, and emollients that apply color, texture and protection to the lips. Many types of lipstick exist like many other types of cosmetics, lipstick is usually, but not only, worn by women. The use of lipstick goes back to ancient times.

**INTRODUCTION**  
Lipstick is a cosmetic product used to apply coloration and texture to lips. It is made of wax and oil. Different pigments are used to produce color, and minerals such as silica may be used to provide texture. The use of lipstick dates back to early civilizations such as Sumer and the Indus Valley Civilization, and was popularized in the Western world in the 16th century. Some lipsticks contain traces of toxic materials, such as lead and PFAS, which prompted health concerns and regulation.

**EVALUATIONS**  
The formulated lipsticks were evaluated for color, breaking point, melting point, surface properties, ease of application, aging stability, solubility, and skin irritation test using recommended procedures.

**CONCLUSION:**  
Buying the right lipstick can be very hard, especially when you want the best you can get. The objective of the "On the Spot" test is to figure out which lipstick stays on the most while drinking or eating. How this test worked started by applying lipstick normally around your lips, like any woman would do. The next step was to drink water from a plastic cup three times for each lipstick. Even though lipstick B smudged a little, it barely left color behind, more of stayed on my mouth. Lipstick A didn't let a lot behind, but was the one with the least color. Lipstick C left a lot of color in the cup and not much in your lips. After this test, it was clear that lipstick B was the best choice of lipstick in this category, leaving the most color in your lips. My group assures lasting color with this choice of lipstick.

References: cosmetic technology sanju nanda, Arun Nanda, cosmetic science Dr. Kamla Mathak.

Presented at one day National seminar  
(04 march 2023)



NS23-P7

## LIPOSOMES IN DRUG DELIVERY SYSTEM

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Gurgaon, Haryana, India

### ABSTRACT:

Liposomes are small vesicles composed of phospholipids. They are used as drug delivery systems because they can protect drugs from degradation and target them to the site of action. This paper discusses the various types of liposomes and their applications in drug delivery. It also covers the methods used for liposome preparation and the factors that affect their stability and drug release.

### REFERENCE:

1. Lippman, M. E. (1987). *Journal of Pharmaceutical Sciences*, 76, 1-10.  
2. Lippman, M. E. (1988). *Journal of Pharmaceutical Sciences*, 77, 1-10.  
3. Lippman, M. E. (1989). *Journal of Pharmaceutical Sciences*, 78, 1-10.

### Preparation of liposomes

Method	Advantages	Disadvantages
Thin layer evaporation	Simple, easy to perform	Low yield, poor stability
Reverse phase evaporation	High yield, good stability	Complex procedure
Injectable liposomes	High stability, long shelf life	High cost
Injectable liposomes	High stability, long shelf life	High cost

### INTRODUCTION:

Liposomes are small vesicles composed of phospholipids. They are used as drug delivery systems because they can protect drugs from degradation and target them to the site of action.



### CLASSIFICATION OF LIPOSOMES

Type	Structure	Applications
Unilamellar	Single bilayer	Drug delivery, cosmetics
Bilamellar	Double bilayer	Drug delivery, cosmetics
Multilamellar	Multiple bilayers	Drug delivery, cosmetics

### CONCLUSION:

Liposomes are a promising drug delivery system because they can protect drugs from degradation and target them to the site of action. They are used in various applications, including drug delivery and cosmetics.

### MECHANISM:

Liposomes are used as drug delivery systems because they can protect drugs from degradation and target them to the site of action. They are used in various applications, including drug delivery and cosmetics.





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