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PRINCETON COLLEGE OF PHARMACY

(Affiliated to JNTUH & Approved by AICTE, PCI, New Delhi)

Chowdariguda, Korremula Village, Chowdariguda Mandal, Medchal District

Date: 20/11/2021

To
The Managing Director,
Bell Pharmaceuticals,
Jana Priya colony, LB Nagar
Hyderabad-500 070.

Subject: Sponsorship for funded project – Dated: 20/11/2021

Dear Sir,

Best wishes from Princeton College of Pharmacy

Princeton College of Pharmacy was established in the year 2007. PCOP is approved by AICTE New Delhi, affiliated to JNTU, Hyderabad and accredited by National Board of Accreditation (NBA). PCOP is an ISO 9001:2008 certified institution. The faculties of various departments are actively pursuing research in their respective technical departments under R&D wing of PCOP.

USHA KONDLA, Professor, Department of PHARMACEUTICS, is the principal investigator for this proposed work.

We request your kind cooperation and financial aid of INR. 3,70,000 (Three lakhs seventy thousand Rupees Only) in the “**Design and Fabrication of Topical Niosomal Gel Containing Ketorolac and Serratiopeptase**”. Herewith we have enclosed the budget proposal for the project. Our faculty will contact you in person along with this letter.

Princeton College of Pharmacy is expecting positive response from you.


Principal Investigator

Dept. of Pharmaceutics





Principal
PRINCIPAL

Princeton College of Pharmacy,
Korremula Vill. Mayapuri Colony,
Ghatkesar Mdl, Medchal Dist, Telangana.



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Date: 20/11/2021

Budget Proposal for “Design and Fabrication of Topical Niosomal Gel Containing Ketorolac and Serratiopeptiase”.

Introduction:

Topical drug delivery systems include a large variety of pharmaceutical dosage form like semisolids, liquid preparation, sprays and solid powders. Most widely used semisolid preparation for topical drug delivery includes gels, creams and ointments [1]. Topical preparations are applied to the skin for surface, local or systemic effects. In some cases, the base may be used alone for its therapeutic properties, such as emollient, soothing or protective action. Many topical preparations, however, contain therapeutically active ingredients which is dispersed or dissolved in the base. The combination of active ingredients and base provides the opportunity for a wide range of topical preparations, appropriate for many types of drug delivery and therapy terms used to classify the bases of topical preparations in which therapeutically active ingredients are incorporated, may be based on their physical properties (suspension) or on their intended use (liniments) or on their composition (hydrophilic creams)[2]. Topical preparation prevents the GI-irritation; prevent the metabolism of drug in the liver so as increase the bioavailability of the drug. Topical preparations give its action directly at the site of action. It can penetrate deeper into skin and hence give better absorption. Topical application has no of advantages over the conventional dosage forms

Scope of work

Ketorolac is classified as a BCS Class II drug because of its low water solubility. Systemic adverse effects, such as anticoagulant effects, have been described when SRP is taken orally. The goal of this study was to see how well a topical Niosomal gel containing Aceclofenac is classified as a BCS Class II drug because of its low water solubility. Systemic adverse effects, such as anticoagulant effects, have been described when SRP is taken orally. The goal of this study was to see how well a topical Niosomal gel containing (ACE) and Serratopeptidase (SRP) could deliver the drugs. Particle size, shape, entrapment efficiency, and in vitro properties of Niosomal formulations produced using the thin film hydration process at varied cholesterol and Span 40



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ratios were studied. The average particle size of the Niosomal formulation was determined to be between 1 μm - 2 μm . (KTE) and Serratopeptidase (SRP) could deliver the drugs. Particle size, shape, entrapment efficiency, and in vitro properties of Niosomal formulations produced using the thin film hydration process at varied cholesterol and Span 40 ratios were studied. The average particle size of the Niosomal formulation was determined to be between 1 μm - 2 μm . Recently much attention has been focused on the design and evaluation of buccal drug delivery systems keeping in view their potential for future market.

Professional Fees

Our Lump Sum professional fees for carrying out the above the scope of work will be INR.3,70,000 (Three lakhs seventy thousand Rupees only)

1.0 Terms of Payment

S.No.	Mode of payment	Amount (INR)
1.	Term-1 (Work order & Analysis)	1,15,000
2.	Term-2 (Modeling and Design)	1,25,000
3.	Term-3 (Fabrication, Machining and Testing and Delivery)	1,30,000
	Total	3,70,000

Kindly acknowledge the receipt of this proposal and looking forward to get the work order.


Principal Investigator




Principal

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Princeton College of Pharmacy,
Korremula Vill, Vijayapuri Colony,
Ghatkesar Mdl, Medchal Dist, Telangana.



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Chowdariguda, Korremula Village, Chowdariguda Mandal, Medchal District

Date: 28/12/2021

To
The Managing Director,
Bell Pharmaceuticals,
Jana Priya colony, LB Nagar
Hyderabad-500 070.

Project: Work order for "Design and Fabrication of Topical Niosomal Gel Containing Ketorolac and Serratiopeptase".

Ref: DP/WO/PCOP/PHARMACY/2021-22/03 Dated 20/11/2021.

Dear Sir,


As per your work order and subsequent discussions with principal investigator, I request you to kindly release the following bill amount.

Bill - 1		
S. No.	Mode of payment	Amount (INR)
1.	Term-1 (Work order& Analysis)	1,15,000
	Total	1,15,000

Thanking You.


Principal Investigator




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Princeton College of Pharmacy,
Korremula Vill, Vijayapuri Colony,
Ghatkesar Mdl, Medchal Dist, Telangana.



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PRINCETON COLLEGE OF PHARMACY

(Affiliated to JNTUH & Approved by AICTE, PCI, New Delhi)

Chowdariguda, Korremula Village, Chowdariguda Mandal, Medchal District

Date: 14/01/2022

To
The Managing Director,
Bell Pharmaceuticals,
Jana Priya colony, LB Nagar
Hyderabad-500 070.

Project: Work order for "Design and Fabrication of Topical Niosomal Gel Containing Ketorolac and Serratiopeptiase".

Ref: DP/WO/PCOP/PHARMACY/2021-22/03 Dated 20/11/2021.

Dear Sir,


As per your work order and subsequent discussions with principal Investigator, I request you to kindly release the following bill amount.

Bill - 2		
S. No.	Mode of payment	Amount (INR)
1.	Term-2(Modeling and Design)	1,25,000
	Total	1,25,000

Thanking You.


Principal Investigator




Principal
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Princeton College of Pharmacy,
Korremula Vill, Vijayapur Colony,
Ghatkesar Mdl, Medchal Dist, Telangana.



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PRINCETON COLLEGE OF PHARMACY

(Affiliated to JNTUH & Approved by AICTE, PCI, New Delhi)

Chowdariguda, Korremula Village, Chowdariguda Mandal, Medchal District

Date: 08/02/2022

To
The Managing Director,
Bell Pharmaceuticals,
Jana Priya colony, LB Nagar
Hyderabad-500 070.

Project: Work order for “Design and Fabrication of Topical Niosomal Gel Containing Ketorolac and Serratiopeptase”.

Ref: DP/WO/PCOP/PHARMACY/2021-22/03 Dated 20/11/2021.

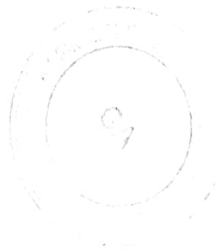
Dear Sir,

As per your work order and subsequent discussions with principal Investigator, I request you to kindly release the following bill amount.

Bill - 3		
S. No.	Mode of payment	Amount (INR)
1.	Term-3 (Fabrication, Machining and Testing and Delivery)	1,30,000
	Total	1,30,000

Thanking You.

Usha.K
Principal Investigator



[Signature]
Principal

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Princeton College of Pharmacy,
Korremula Vll, Vijayapuri Colony,
Ghatkesar Mdl, Medchal Dist, Telangana.



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Chowdariguda, Korremula Village, Chowdariguda Mandal, Medchal District

GRANT UTILIZATION CERTIFICATE

Date: 19/03/2022

This is to certify that the grant of Rs. 3,70,000 (Rupees Three lakhs seventy thousand rupees only) from **Bell Pharmaceuticals** as per the following installments was received by Princeton College of Pharmacy, Chowdaryguda, Ghatkesar for the project "**Design and Fabrication of Topical Niosomal Gel Containing Ketorolac and Serratiopeptase**" via electronic money transfer NEFT or cheque to institute SBI & HDFC bank account (As per Bank account details provided by us to Bell Pharmaceuticals.)

Name of the Company	Term	Proposed Amount	Released Amount
Bell Pharmaceuticals	1	1,15,000	1,15,000
	2	1,25,000	1,25,000
	3	1,30,000	1,30,000
Total Amount			3,70,000

Usha. K
Principal Investigator



[Signature]

Principal

[Signature]
Auditor

PRINCIPAL
Princeton College of Pharmacy,
Korremula Vll, Vijayapuri Colony,
Ghatkesar Md, Medchal Dist, Telangana.



www.bellpharma.in

Pharmaceuticals

Work Order

Ref: BL/WO/PCOP/PHARMACY/2021-22/03-Dated 20/11/2021

Date: 14/12/2021

To
The Principal,
Princeton College of Pharmacy,
Narapally, Chowdaryguda,
Secunderabad-500 088.

Ref: Sponsorship for funded project Dated: 20/11/2021

Subject: Release of Work order for the project “**Design and Fabrication of Topical Niosomal Gel Containing Ketorolac and Serratiopeptiase**”

Dear Sir,

We have undergone the proposed project with our senior professionals. We extend our full support to carry out this research work. In this regard, we are glad to release the work order for the project “**Design and Fabrication of Topical Niosomal Gel Containing Ketorolac and Serratiopeptiase**” from today onwards. The following terms of payment will follow as per the budget proposal to complete the project.

S. No.	Mode of payment	Amount (INR)
1.	Term-1 (Work order& Analysis)	1,15,000
2.	Term-2(Modeling and Design)	1, 25,000
3.	Term-3 (Fabrication, Machining and Testing and Delivery)	1,30,000
	Total	3,70,000

Best wishes from Bell Pharmaceuticals, Janapriya Colony, LB Nagar Hyderabad.

Managing Director
(Bell Pharmaceuticals)

Authorized Signatory



Corporate office: Bell Pharmaceuticals, H.No: 3-6-360/P35, Janapriya Colony, LB Nagar Hyderabad-500 070.

Company Location Bell Pharmaceuticals, P.No.: 6, Phase3, Biotech Park , Karkapatla, Mulugu Mandal, Dist: Medak – 502279.

Email: info@bellpharma.in, bellpharmaln@gmail.com



Pharmaceuticals

www.bellpharma.in

Letter of Acceptance

Date: 14/12/2021

Ref: BL/WO/PCOP/PHARMACY/2021-22/03-Dated 20/11/2021

To
The Principal,
Princeton College of Pharmacy,
Narapally, Chowdaryguda,
Secunderabad-500 088.

Ref: Sponsorship for Project-Dated: 20/11/2021

Subject: Acceptance of Financial aid for the project “**Design and Fabrication of Topical Niosomal Gel Containing Ketorolac and Serratiopeptiase**”

Dear Sir,

Best wishes from Janapriya Colony, LB Nagar Hyderabad.

Our staff and officials have undergone the scope of work for the proposed project. We extend our full support to carry out this research work. In this regard, we are glad to sponsor your project “**Design and Fabrication of Topical Niosomal Gel Containing Ketorolac and Serratiopeptiase**” with INR. 3,70,000 (Three lakhs seventy Thousand rupees only)

Managing Director
(Bell Pharmaceuticals)

Authorized Signatory

20/12/2021

Corporate office: Bell Pharmaceuticals, H.No: 3-6-360/P35, Janapriya Colony, LB Nagar Hyderabad-500 070.

Company Location Bell Pharmaceuticals, P.No.: 6, Phase 3, Biotech Park, Karkapatla, Mulugu Mandal, Dist: Medak – 502279.

Email: info@bellpharma.in, bellpharmaln@gmail.com