



SS INSTITUTE OF PHARMACY

(A unit of VS Educational & Charitable Trust)

Approved by Tamilnadu Government & Pharmacy Council of India, New Delhi)
Affiliated to the Tamilnadu Dr. MGR Medical University,
and The Directorate of Medical Education, Chennai.)

Date : 16.08.2024

To

The Project Lead,
IMIS Pharmaceuticals Pvt Ltd,
Corporate Office,
Chennai,
Tamil Nadu.

Dear Sir/Madam,

Sub: Request for Financial Support and Guidance for R&D Work in Funded Project – Reg

This letter is to bring to your kind notice that we (SS Institute of Pharmacy, Salem) are involving our staff and students in research-oriented activities. In this regard, we kindly request your support and permission to undertake a consultancy-related project titled "*Magic Cap: A Herbal-Infused Cooling Headgear for Therapeutic and Comfort Applications*" in association with your esteemed organization. This collaboration will enrich our knowledge and foster the development of innovative ideas with social relevance.

Investigator: Mr. S Pravin Kumar, AP / SSIP

Thanking You ,



PRINCIPAL

PRINCIPAL
SS INSTITUTE OF PHARMACY
KUPPANUR (PO), SANKARI (TK)
SALEM - 637301

Address: NO.261/127 1'st Floor, Rohit Tower, Angappa
Naicken St, Parry's Corner, Chennai, Tamil Nadu
CIN: U24239AP1981PTC003079
Telephone: +91 866 4609214
Email: info@imispharma.com



Date : 11.09.2024

To

Mr.S Pravin Kumar,
Assistant Professor,
SS Institute of Pharmacy,
Sankari, Salem.

Dear Sir,

Subject: Acceptance and Provision of Financial Assistance for Funded Project – Reg.

We are pleased to inform you that the proposal submitted for the project titled "Magic Cap: A Herbal-Infused Cooling Headgear for Therapeutic and Comfort Applications" has been approved by our organization for possible funding of Rs. 1,50,000/-, as the project appears to be innovative. We kindly request the Principal Investigator to submit the monthly report.

Project title	Principal Investigator	Project duration
Magic Cap: A Herbal-Infused Cooling Headgear for Therapeutic and Comfort Applications	Mr. S Pravin Kumar	2 Years

Thanking you,

The Project Lead,
IMIS Pharmaceuticals Pvt Ltd,
Corporate Office,
Chennai,



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ABSTRACT

Magic Cap: A Herbal-Infused Cooling Headgear for Therapeutic and Comfort Applications

Cooling therapies have long been utilized for their therapeutic benefits, including stress relief, headache alleviation, and temperature regulation. This study aims to develop the **Magic Cap**, an innovative headgear infused with herbal extracts to provide a natural cooling effect. The formulation will involve the selection of herbal components known for their cooling properties, ensuring sustained and effective relief. The cap will be designed for ease of use, offering a non-invasive, eco-friendly, and comfortable alternative to conventional cooling methods. A thorough evaluation of the product's efficacy, stability, and user acceptability will be conducted to determine its potential for commercial and therapeutic applications. This research could lead to advancements in herbal technology and promote the integration of natural remedies into daily healthcare solutions



[Signature]
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BUDGET DETAILS FOR THE PROPOSED PROJECTS

The following table shows the budget proposal for the funded projects title “**Magic cap : A Herbal infused cooling headgear for therapeutic and comfort applications**”

S.NO	DESCRIPTION	AMT IN RUPEES
1	Planning and designing	9,000
2	Drug and equipment	8,500
3	Method development	12,000
4	Supervising and managing	13,000
5	Qualitative and quantitative analysis	15,500
6	Travel allowance & Miscellaneous	7,000
	Total	65,000 /-


Project Invigilator




Principal
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SALEM - 637301.



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Date : 20.12.2024

To

The Research and Development Head,
Pulse Pharmaceuticals Pvt Ltd,
Hyderabad,
Telangana.

Dear Sir/Madam,

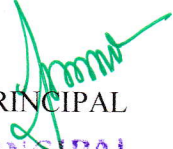
Sub: Request for Financial Support and Guidance for R&D Work in Funded Project – Reg

This letter is to bring to your kind notice that we (SS Institute of Pharmacy, Salem) are involving our staff and students in research-oriented activities. In this regard, we kindly request your support and permission to undertake a consultancy-related project titled "*Development of a Rapid-Action Oral Thin Film for Instant Relief of Dry Cough in Emergency Situations*" in association with your esteemed organization. This collaboration will enrich our knowledge and foster the development of innovative ideas with social relevance.

Investigator: Mrs.C.Kalaiselvi

Thanking You ,




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CIN: U24239AP1981PTC003079
Telephone: +91 866 4609214
Email: info@imispharma.com



Date : 05.09.2024

To

Mrs.C.Kalaiselvi
Assistant Professor,
SS Institute of Pharmacy,
Sankari, Salem.

Dear Madam

Subject: Acceptance and Provision of Financial Assistance for Funded Project – Reg.

We are pleased to inform you that the proposal submitted for the project titled “Development of a Rapid-Action Oral Thin Film for Instant Relief of Dry Cough in Emergency Situations” has been approved by our organization for possible funding of Rs. 1,25,000 as the project appears to be innovative. We kindly request the Principal Investigator to submit the monthly report.

Project title	Principal Investigator	Project duration
Development of a Rapid-Action Oral Thin Film for Instant Relief of Dry Cough in Emergency Situations	Mrs.C.Kalaiselvi	1 Years

Thanking you,

A handwritten signature in blue ink, appearing to read 'S. Prasad', is written over the typed name.

The Research and Development Head,
Pulse Pharmaceuticals Pvt Ltd,
Hyderabad

A handwritten signature in green ink is written over the typed name.
PRINCIPAL,
SS INSTITUTE OF PHARMACY,
KIDDANUR (PO), SANKARI (TK),
637301





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ABSTRACT


Development of a Rapid-Action Oral Thin Film for Instant Relief of Dry Cough in Emergency Situations

Dry cough can be an inconvenient and disruptive condition, particularly in professional settings such as meetings, conferences, and other public or emergency situations where individuals require immediate relief without interrupting their activities. Traditional cough syrups and lozenges often take time to act, require water for consumption, or are impractical for discreet use. This study aims to develop a **fast-dissolving oral thin film (OTF)** that delivers rapid relief from dry cough by ensuring quick dissolution and absorption of active ingredients directly through the oral mucosa.

The formulation will incorporate a combination of **herbal and pharmaceutical agents** known for their antitussive, soothing, and throat-coating properties to provide an instant yet sustained effect. The film will be designed using biocompatible and mucoadhesive polymers to enhance stability, taste masking, and bioavailability. Key parameters such as **film thickness, tensile strength, disintegration time, and drug release profile** will be optimized to ensure a high-quality and effective product.

Further, the research will involve **in-vitro and in-vivo evaluations** to assess the film's pharmacokinetics, efficacy, and patient compliance. Stability studies will be conducted to ensure the film retains its effectiveness over time. If successful, this innovative product could serve as a **portable, user-friendly, and discreet solution for individuals seeking immediate relief from dry cough in critical situations**. The study will not only contribute to advancements in oral drug delivery systems but also enhance patient convenience and comfort.




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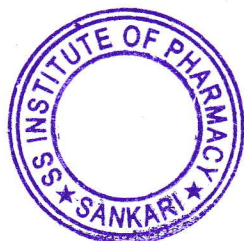
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and The Directorate of Medical Education, Chennai.

BUDGET DETAILS FOR THE PROPOSED PROJECTS

The following table shows the budget proposal for the funded projects title “Development of a rapid-action oral thin film for instant relief of dry cough in emergency situations”

S.NO	DESCRIPTION	AMT IN RUPEES
1	Planning and designing	6,000
2	Drug and equipment	7,500
3	Method development	9,000
4	Supervising and managing	11,000
5	Qualitative and quantitative analysis	12,500
6	Travel allowance & Miscellaneous	4,000
	Total	50,000 /-

Project Invigilator



Principal

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Approved by Tamilnadu Government & Pharmacy Council of India, New Delhi)
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and The Directorate of Medical Education, Chennai.)

Date : 13.03.2025

To

Managing Director,
Biomiicron Pharma India,
Chennai,
Tamil Nadu.

Dear Sir/Madam,

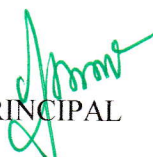
Sub: Request for Financial Support and Guidance for R&D Work in Funded Project – Reg

This letter is to bring to your kind notice that we (SS Institute of Pharmacy, Salem) are involving our staff and students in research-oriented activities. In this regard, we kindly request your support and permission to undertake a consultancy-related project titled "*Development of a Polymer-Based Spray Bandage for Burn Wounds: A Novel Alternative to Traditional Bandages* " in association with your esteemed organization. This collaboration will enrich our knowledge and foster the development of innovative ideas with social relevance.

Investigator: Mr.M.Praveen Kumar, AP / SSIP

Thanking You ,




PRINCIPAL

PRINCIPAL,
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Address: OLD NO. 18, NEW NO. 32 DR. AMBEDKAR ROAD,
KODAMBAKKAM , CHENNAI, Tamil Nadu, India - 600024.

CIN NO: U52100TN2012PTC086554

REG NO: 86554

Contact: 04423652388

Email: biomiiicron@gmail.com

Biomiicron
Pharma India Pvt.Ltd.

Date : 03.04.2025

To

Mr. M.Praveen Kumar
Assistant Professor,
SS Institute of Pharmacy,
Sankari, Salem.

Dear Sir,

Subject: Acceptance and Provision of Financial Assistance for Funded Project – Reg.

We are pleased to inform you that the proposal submitted for the project titled Development of a Polymer-Based Spray Bandage for Burn Wounds: A Novel Alternative to Traditional Bandages of Rs. 80,000, as the project appears to be innovative. We kindly request the Principal Investigator to submit the monthly report.

Project title	Principal Investigator	Project duration
Development of a Polymer-Based Spray Bandage for Burn Wounds: A Novel Alternative to Traditional Bandages	MrM.Praveen Kumar	1 Years

Thanking you,

M. P. K.

Managing Director,
Biomiicron Pharma India,
Chennai,



[Signature]
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ABSTRACT

Development of a Polymer-Based Spray Bandage for Burn Wounds: A Novel Alternative to Traditional Bandages

Burn injuries require immediate and effective wound care to prevent infection, promote healing, and reduce discomfort. Traditional bandages may not always be suitable due to challenges such as adhesion to sensitive burn sites, difficulty in application, and the risk of contamination. This study aims to develop a **polymer-based spray bandage** as an innovative and effective alternative for burn wound management.

The spray bandage will be formulated using **biocompatible, film-forming polymers** that create a protective, breathable, and flexible layer over the affected area. The formulation will incorporate **antimicrobial and wound-healing agents** to prevent infection and accelerate tissue regeneration. The spray mechanism will ensure uniform application, reducing the need for direct contact with the wound and minimizing patient discomfort. Key physicochemical properties, such as **sprayability, film formation time, adhesion strength, permeability, and biodegradability**, will be optimized to enhance the product's efficacy.

The research will involve **in-vitro and in-vivo studies** to evaluate the film's protective properties, wound healing efficiency, and safety profile. Stability studies will be conducted to ensure long-term effectiveness. If successfully developed, this spray bandage could serve as a **portable, non-invasive, and easy-to-use alternative to conventional bandages**, offering improved patient compliance and faster recovery for burn victims.



[Signature]
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BUDGET DETAILS FOR THE PROPOSED PROJECTS

The following table shows the budget proposal for the funded projects title **“Development of a polymer based spray bandage for burn wounds : A novel alternative to traditional bandages”**

S.NO	DESCRIPTION	AMT IN RUPEES
1	Planning and designing	7,000
2	Drug and equipment	6,500
3	Method development	8,000
4	Supervising and managing	7,000
5	Qualitative and quantitative analysis	8,500
6	Travel allowance & Miscellaneous	3,000
	Total	40,000 /-

Project Invigilator



Principal
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SALEM - 637301.