

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

Chowdariguda, Korremula Village, Chowdariguda Mandal, Medchal District

Date: 08/08/2019

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

Subject: Sponsorship for funded project . Dated 08/08/2019

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. Dr. A MADHUSUDHAN REDDY, Professor, Department of PHARMACOGNOSY, is the principal investigator for this proposed work.

We request your kind cooperation and financial aid of INR. 2,00,000 (Two lakhs Rupees Only) in the "**Evaluation of Neuroprotective and Anti Alzheimer's Effects of Some Indian Medicinal Plants**". 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.

Toble My **Principal Investigator** 

Dept. of Pharmacognosy

Principal

PRINCIPAL Princeton College of Pharmacy, Korremula V/II, Vijayapuri Cr. Coy, Ghatkesar Mdl,Medchal Dist, Torangana.



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Chowdariguda, Korremula Village, Chowdariguda Mandal, Medchal District

Date: 08/08/2019

# Budget Proposal for "Evaluation of Neuroprotective and Anti Alzheimer's Effects of Some Indian Medicinal Plants".

#### Introduction:

The relevance of herbal shrubbery to counteractive incriminate in phytotherapy is solitary of the customary performs in the humanity. The various pharmacologically active secondary metabolites obtained from the different plant sources have significant neuro protective activity against the neuro degenerative disorders. Neurodegenerative disorder can be described as an irreversible gradual loss ofneuronal cell which is essential to perform the normal brain functions and the continuousloss of neuronal cell ultimately leads to brain death. Alzheimer's disease is defined as an irreversible neurological disorder which impairs the cognitive and intellectual function of human brain.

### Scope of work

In this project, The fresh leaves of *Zagalatifolia*(ZL) and *Dalbergiadiphaca*(DD) were collected from local flora in Vellore district, Tamil Nadu India for the Neuro protective activity of Indian medicinal plants in Alzheimer's disease. The doses (200 mg/kg and 400 mg/kg) of ethanolic extracts of ZL and DD were used for the Neuroprotective activity of Indian medicinal plants in Alzheimer's disease. The tested doses at 200 mg/kg and 400 mg/kg of ethanolic extracts of DD showed significant neuroprotective behavioral study compared to the ethanolic extracts of ZL. These extracts bring back the declined level of brain neurotransmitters like dopamine, glutamate and antioxidant enzymes like catalase, glutathione peroxidase and glutathionereductase. *In vitro* neuroprotective activity for ethanolic leaves extracts of *Zagalatifolia*(ZL) and *Dalbergiadiphaca*(DD)*were*performedonSH-SY5Ycells. The ethanolic leaves extracts of ZL.

The phytocompounds isolated first time from the ethanolic leaves extracts of DD showedsignificant neuroprotective activity. The copper oxide nanoparticles synthesized from theethanolic leaves extracts of DD and ZL also showed very good neuroprotective activitythan the ethanolic leaves extracts of DD and ZL. This study suggests that ethanol leavesextracts of *Dalbergiadiphaca*have significant neuroprotective effect in the neurotoxicityinducedAlzheimer's diseasemodel.



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#### **Professional Fees**

Our Lump Sum professional fees for carrying out the above the scope of work will be INR.2,00,000 (Two lakhs Rupees only)

# 1.0 Terms of Payment

S. No.	Mode of payment	Amount (INR)
1.	Term-1 (Work order& Analysis)	60,000
2.	Term-2( Modeling and Design)	60,000
3.	Term-3(Fabrication, Machining and Testing and Delivery)	80,000
	Total	2,00,000

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

lart Principal Investigator



Principal

PRINCIPAL Princeton College of Pharmacy, Korremula VIII, Vijayapuri Colony, Ghatkesar Mdi, Medohal Dist, Telangana.



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Chowdariguda, Korremula Village, Chowdariguda Mandal, Medchal District

Date: 29/08/2019

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

**Project:** Work order for "**Evaluation of Neuroprotective and Anti Alzheimer's Effects of Some Indian Medicinal Plants**".

Ref: DP/WO/PCOP/PHARMACY/2019-20/02 Dated 08/08/2019.

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)
۱.	Term-1 (Work order& Analysis)	60,000
	Total	60,000

Thanking You.

1 1 mg **Principal Investigator** 

Principal

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



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Chowdariguda, Korremula Village, Chowdariguda Mandal, Medchal District

Date: 10/09/2019

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

**Project:** Work order for "**Evaluation of Neuroprotective and Anti Alzheimer's Effects of Some Indian Medicinal Plants**".

Ref: DP/WO/PCOP/PHARMACY/2019-20/02 Dated:08/08/2019.

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)	60,000
	Total	60,000

Thanking You.

Principal Investigator



Princeton College of Pharmacy. Korremula VII, Vijayapuri Colury, Ghatkesar Mdl, Medchal Dist, Telangana.



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

Chowdariguda, Korremula Village, Chowdariguda Mandal, Medchal District

Date: 19/10/2019

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To The Managing Director, Bell Pharmaceuticals, Jana Priya colony, LB Nagar Hyderabad- 500 007.

**Project:** Work order for " **Evaluation of Neuroprotective and Anti Alzheimer's Effects of Some Indian Medicinal Plants**".

Ref: DP/WO/PCOP/PHARMACY/2019-20/02 Dated 08/08/2019.

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)	80,000	
	Total	80,000	

Thanking You.

**Principal Investigator** 



Principal

PRINCIPAL Princeton Octiege of Pharmacy, Korremula V/I, Vijavapuni Orkiny, Ghatkesar Mdl,Meduhai Orct, Juliangana.



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

Chowdariguda, Korremula Village, Chowdariguda Mandal, Medchal District

#### GRANT UTILIZATION CERTIFICATE

Date: 25/10/2019

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This is to certify that the grant of Rs. 2,00,000 (Rupees Two lakhs rupees only) from **Bell Pharmaceuticals** as per the following installments was received by Princeton College of Pharmacy, Chowdaryguda, Ghatkesar for the project " **Evaluation of Neuroprotective and Anti Alzheimer's Effects of Some Indian Medicinal Plants**"

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
Davi	1	60,000	60,000
Devi Electroni	2	60,000	60,000
cs	3	80,000	80,000
Total Amount			2,00,000

a y Principal Investigator

Principal

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

Auditor





# Work Order

#### Ref: BL/WO/PCOP/PHARMACY/2019-20/02-Dated 08/08/2019

Date: 21/08/2019

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

Ref: Sponsorship for funded project Dated: 08/08/2019

Subject: Release of Work order for the project "Evaluation of Neuroprotective and Anti Alzheimer's Effects of Some Indian Medicinal Plants"

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 "Evaluation of Neuroprotective and Anti Alzheimer's Effects of Some Indian Medicinal Plants" 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)
	Term-1 (Work order& Analysis)	60,000
2.	Term-2( Modeling and Design)	60,000
3.	Term-3 (Fabrication, Machining and Testing and Delivery)	80,000
	Total	2,00,000

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, Phaese3, Biotech Park , Karkapatla, Mulugu Mandal, Dist: Medak – 502279. Email: info@bellpharma.in, bellpharmaln@gmail.com



# Letter of Acceptance

Ref: BL/WO/PCOP/PHARMACY/2019-20/02-Dated 08/08/2019

Date: 21/08/2019

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

Ref: Sponsorship for Project Dated: 08/08/2019

Subject: Acceptance of Financial aid for the project "Evaluation of Neuroprotective and Anti Alzheimer's Effects of Some Indian Medicinal Plants".

Dear Sir,

Best wishes from Bell Pharmaceuticals, 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 "Evaluation of Neuroprotective and Anti Alzheimer's Effects of Some Indian Medicinal Plants" with INR. 2,00,000 (Two lakhs rupees only)

> 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, Phaese3, Biotech Park , Karkapatla, Mulugu Mandal, Dist: Medak – 502279. Email: info@bellpharma.in, bellpharmaln@gmail.com