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**ABSTRACT**

Tamil Nadu Innovation Initiatives (TANII) 2019-2020 (Round II) – Recommendation of State Planning Commission – Project on "Mesenchymal Stem Cell Secretome for treatment of non-healing ulcers" – Administrative and Financial sanction accorded – Orders – Issued.

**HEALTH AND FAMILY WELFARE (H1) DEPARTMENT**

G.O.(Ms) No.82

Dated 06.03.2020.  
Vihari, Maasi – 23  
Thiruvalluvar Aandu 2051

**Read:**

1. The Member Secretary, State Planning Commission, Chennai, letter No.1600/PC/SPC/2019, dated 28.11.2019.
2. From the Director of Medical Education letter No.37606/P&DII(1)/2019, dated 24.01.2019.

**ORDER:**

In the letter first read above, the Member Secretary, State Planning Commission has stated that during the meeting held on 13.11.2019 and 20.11.2019 with the related Secretaries to Government and Heads of Departments, 13 proposals received from the Health and Family Welfare Department has been appraised and recommended by the State Planning Commission. The Member Secretary, State Planning Commission has therefore requested the Government to issue necessary sanction duly obtaining detailed proposal from the Heads of Department in consultation with Finance department.

2. In the letter second read above, the Director of Medical Education has sent a proposal on the following project which is recommended for inclusion in Tamil Nadu Innovation Initiatives (TANII) 2019-2020 (Round II) by the State Planning Commission to the Government and requested necessary administrative and financial sanction in this regard:-

Name of the Project	Amount (in Lakh)		
	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year
Government Stanley Hospital, Chennai			
1. Mesenchymal Stem Cell (MSC) Secretome Analysis for non healing wounds	983.98	339.11	559.43
Total = 983.98 + 339.11 + 559.43 = 1882.52 lakhs			
Total amount is Rs. 1882.52 lakhs (Rupees Thousand eight hundred and eighty two lakhs and fifty two thousand only)			

3. The brief description of the project on Mesenchymal Stem Cell (MSC) Secretome Analysis for non healing Wounds is as follows:-

i. Brief Description:

Mesenchymal Stem Cells (MSCs) Secretome (Conditioned medium) have a role in the inflammatory, proliferative and remodelling phases of wound healing. It also supports healthy, physiological functioning towards successful healing. As such therapeutic application of MSC secretome has been shown to enhance the wound healing in clinical settings. But before use in patients, the secretome needs to be completely characterized. Hence in this project the Government, aim to do proteomic profile and check the functional potency of Stem Cell Derived conditioned medium.

ii. Socio Economic Benefit:

Poor and needy People suffering from non-healing ulcers seeking treatment at Government Stanley Hospital, Chennai.

4. After careful examination, the Government have decided to accept the request of the Director of Medical Education. Accordingly the Government do and hereby accord administrative and financial sanction for a sum of Rs.18,82,51,600 (Rupees Eighteen Crore Eightytwo lakhs fifty one thousand and six hundred only) for the project on "Mesenchymal Stem Cell Secretome for treatment of non-healing ulcers" under Tamil Nadu Innovation Initiatives (TANII) 2019-2020 (Round II) as recommended by the State Planning Commission, as detailed in Annexure to this order.

5. The amount sanctioned at para 4 above shall be met from the State innovation fund and debited to the following Head of Account:-

"2210 – Medical and Public Health – 01 – Urban Health Services – Allopathy – 110 – Hospitals and Dispensaries – State's Expenditure – ME Mesenchymal Stem Cell Secretome for treatment of non-healing ulcers – Scheme under State Innovation Fund.

Head of Account	Rs. in Thousands			
	1 <sup>st</sup> year	2 <sup>nd</sup> year	3 <sup>rd</sup> year	Total
319 01 Purchase IFHRMS (DPC 2210 01 110 ME-31901) Old DPC 2210 01 110 ME 1918)	77700	-	-	77700
333 04 contract payment (DPC 2210 01 110 ME-33304)	2579	2710	2843	8132
347 01 Stores IFHRMS (DPC 2210 01 110 ME-34701) Old 2210 01 110 ME 4701	17000	28200	49600	94800
372 01 Training IFHRMS (DPC 2210 01 110 ME 37201) Old 2210 01 110 ME 7207	1000	3000	3500	7500
376 01 purchase IFHRMS (DPC 2210 01 110 ME 37601) Old 2210 01 110 ME 7618	120	-	-	120
<b>Total</b>	<b>98399</b>	<b>33910</b>	<b>55943</b>	<b>188252</b>

6. The above expenditure shall be adjusted by deducting under the following head of account.

"2210-Medical and Public Health- 01 - Urban Health Services - Allopathy -902. Deduct Amount met from State Innovation Fund - State's Expenditure - JA. Deduct - Amount met from State Innovation Fund-330. Inter-Account Transfers 01 Inter Account Transfers - Voted".  
(D.P. Code: 2210-01-902-JA-33001)  
Old DPC 2210 01 902 JA 3005)

By contra debiting from

"J.Reserve Fund - (b) Reserve Funds not bearing Interest - 8229-00. Development and Welfare Funds-200. Other Development and Welfare Funds - BE. State Innovation Fund.  
(D.P.Code.8229-00-200 BE-0006) (Outgo)

7. The Director of Medical Education is directed that the amount sanctioned in para 4 shall not be paid in cash but credited to the following Personal Deposit Account of Tamil Nadu Medical Services Corporation Limited:

"K Deposit and Advance (b) Deposits not bearing interest - 8443.00 - Civil Deposit - 800 - Other Deposits - CE Deposits of Tamil Nadu Medical Services Corporation Limited"  
(DPC 8443 00 800 CE 000H) (Receipts)

8. Necessary Funds have been provided in Second Supplementary Estimate 2019-20.

9. This order issues with the concurrence of the Finance Department vide its U.O. No.45931/HealthII/2020, dated 26.02.2020.

**(BY ORDER OF THE GOVERNOR)**

**BEELA RAJESH  
SECRETARY TO GOVERNMENT**

**To**

The Director of Medical Education, Chennai - 600 010.

✓ The Dean, Government Stanley Medical College and Hospital, Chennai - 600 010.

The State Planning Commission, "Ezhilagam", Chepauk, Chennai - 600 005.

The Accountant General (Audit), Chennai - 600 018.

The Pay and Accounts Officer (North), Chennai - 600 001.

**Copy to**

The Finance Department, Chennai-600 009.

The Health and Family Welfare (S) Department, Chennai-600 009.

Stock File / Spare Copy /Data Cell.

**//FORWARDED BY ORDER//**

*Lo. Rajesh*  
17-3-2020  
**SECTION OFFICER**

*12/3/2020*

Annexure to G.O.(Ms) No.82, Health and Family Welfare (H1) Department, dated 06.03.2020.

**PROJECT : MESENCHYMAL STEMCELL SECRETOME TREATMENT OF NON HEALING ULCERS**

Description		1 <sup>st</sup> Year RE 2019-2020	2 <sup>nd</sup> year BE 2020-2021	3 <sup>rd</sup> Year BE 2021-2022	Total
		Budgetary support Rs.	Budgetary support Rs.	Budgetary support Rs.	Budgetary support Rs.
(A) Recurring					
(i) STAFF					
1. Salary		25,78,800	27,10,000	28,42,800	81,32,400
2. (i) Training	(i)	10,00,000	20,00,000	25,00,000	55,00,000
(ii) Publication	(ii)		10,00,000	10,00,000	20,00,000
Total		35,78,800	57,10,000	63,42,800	1,56,32,400
(ii) OTHER COST(specify)					
Consumables: SI.No.1-4)					
1. Consumables for Culture for MSCs		4,000,000	5,000,000	6,000,000	15,000,000
2. Consumables for QC & Character		5,000,000	5,000,000	5,000,000	15,000,000
3. Consumables for Pre clinical		4,000,000	4,000,000	4,000,000	12,000,000
4. Consumables for Clinical trial			10,000,000	30,000,000	40,000,000
5 .CGMP Maintenance		4,000,000	4,200,000	4,600,000	12,800,000
Total		1,70,00,000	2,82,00,000	4,96,00,000	9,48,00,000
TOTAL (A)		2,05,78,800	3,39,10,000	5,59,42,800	11,04,32,400
(B) Non-Recurring					
1. Machinery and equipment		7,76,00,000			7,76,00,000
2. (i) Purchase of Computer and Accessories	(i)	1,20,000			1,20,000
(ii) Xerox machine		1,00,000			1,00,000
Total (B)		7,78,20,000			7,78,20,000
Grand Total (A) Recurring + (B) Non Recurring)		9,83,98,800	3,39,10,000	5,59,42,800	18,82,51,600
Total sanctioned amount is Rs.18,82,51,600/- (Rupees Eighteen crore Eighty two lakhs Fifty one thousand Six hundred only)					

**BEELA RAJESH  
SECRETARY TO GOVERNMENT**

/True Copy/

*[Signature]*  
17.3.2020  
**SECTION OFFICER**