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No. BT/Med/NIDAN- Trg/02/2018
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: 9th May 2019

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the implementation of the project entitled "Training of in-service Clinicians from Government Hospitals and Outreach Program for Aspirational Districts" for a period of 3 Year 0 Month at a total cost of **Rs. 395.92 (Rupees Three Crore Ninty Five Lakhs Ninty Two Thousand Only)** on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : "Training of in-service Clinicians from Government Hospitals and Outreach Program for Aspirational Districts"

2.2 Details of the Investigators:

Principal Investigators:

Prof Shubha Rajendra Phadke,
M D [Pediatrics], D M [Medical Genetics]
Department of Medical Genetics
Sanjay Gandhi Postgraduate Institute of Medical Sciences,
Raebareli Rd, Haibat Mau Mawaiya,
Lucknow, Uttar Pradesh 226014

Co- Investigators:

Dr Kausik Mandal,
Associate Professor
Department of Medical Genetics
Sanjay Gandhi Postgraduate Institute of Medical Sciences,
Raebareli Rd, Haibat Mau Mawaiya,
Lucknow, Uttar Pradesh 226014

Dr Deepti Saxena,
Assistant Professor
Department of Medical Genetics
Sanjay Gandhi Postgraduate Institute of Medical Sciences,
Raebareli Rd, Haibat Mau Mawaiya,
Lucknow, Uttar Pradesh 226014

Dr Amita Moirangthem,
Assistant Professor
Department of Medical Genetics
Sanjay Gandhi Postgraduate Institute of Medical Sciences,
Raebareli Rd, Haibat Mau Mawaiya,
Lucknow, Uttar Pradesh 226014

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2.3 Objectives:

COMPONENT I : Training of in-service Clinicians

Title of the training course: **Training Course for Clinicians cum Creation of Genetic Diagnostic Unit in Human Genetics under UMMID Initiative (Skill Development in Management of Chromosomal, Monogenic Disorders and Congenital Malformation)**

Objectives of the course: The program will provide the trainee with competence in the application of genetic diagnostics for patient care in modern medical practice and exposure to the relevant research in this area. This will include laboratory training in cytogenetic and molecular techniques, indications for genetic testing; understand the principles of the tests, interpretation of results and communication of the results to the patient and families with genetic disorders. For candidates with clinical background, the course will provide approach to the patients with genetic disorders, principles of genetic counselling and exposure to the procedures for prenatal diagnosis.

COMPONENT II: Outreach Program for Aspirational Districts

State : Uttar Pradesh
District : Shrawasti

COMPLEMENTARY PROGRAM WITH THE FELLOWSHIP TRAINING PROGRAM FOR ASPIRATIONAL DISTRICTS: Taking Genetics to Population "Screening and Course for Genetic disorders: Incorporating Prevention of Genetic Disorders in Maternal & Child Health Program

Objectives:

1. To establish these services at district hospital and provide patient care,
2. To train the medical officers for the preventive program for genetic disorders.
3. To train the nursing staff and other paramedical workers in the process, to increase the awareness about genetic disorders (This can be done by on site direct training without structured training program).

2.4 Time Schedule: The duration of the project is 3 Year 0 Month from the date of this sanction order.

2.5 Project Cost: The total cost of the project is Rs. **395.92 (Rupees Three Crore Ninty Five Lakhs Ninty Two Thousand Only)** as per details given below:

Institute wise Budget details are as follows:

Budget Head	Year I	Year II	Year III	Total(Rs.)
COMPONENT I : Training of in-service Clinicians:				
Equipment	2500000.00	0.00	0.00	2500000.00
Consumables	1200000.00	1200000.00	1200000.00	3600000.00
Travel	25000.00	25000.00	25000.00	75000.00
Contingency	50000.00	50000.00	50000.00	150000.00
Displacement allowance	720000.00	720000.00	720000.00	2160000.00
Overhead	100000.00	100000.00	100000.00	300000.00
Total (Rs.)	4595000.00	2095000.00	2095000.00	8785000.00

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Budget Head	Year I	Year II	Year III	Total(Rs.)
COMPONENT II: Outreach Program for Aspirational Districts				
Manpower	1680000.00	1680000.00	1680000.00	5040000.00
Consumables	7750000.00	7750000.00	7750000.00	23250000.00
Travel	200000.00	200000.00	200000.00	600000.00
Contingency	150000.00	150000.00	150000.00	450000.00
Overhead	489000.00	489000.00	489000.00	1467000.00
Total (Rs.)	10269000.00	10269000.00	10269000.00	30807000.00

2.6 Equipment:

The details of the Equipment sanctioned for the implementation of the project at **Annexure-I**

2.7 Manpower :

The details of the manpower sanctioned for the implementation of the project at **Annexure-II**

2.8 Detailed descriptions of objectives are at **Annexure-III**

3. Head of Account:

The **Recurring** expenditure involved is debitable to:

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research 2019-2020
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.31	Grants-in-Aid General
3425.60.200.29.17.35	Grants for creation of capital assets

4. Terms & Conditions:

Considering the time bound nature of the project, the project will be monitored by the Task Force / Committee constituted by DBT. In addition, the PI will submit half yearly progress report as per format in **Annexure-IV**.

4.1 The other terms and conditions governing this sanction are attached at **Annexure- V**.

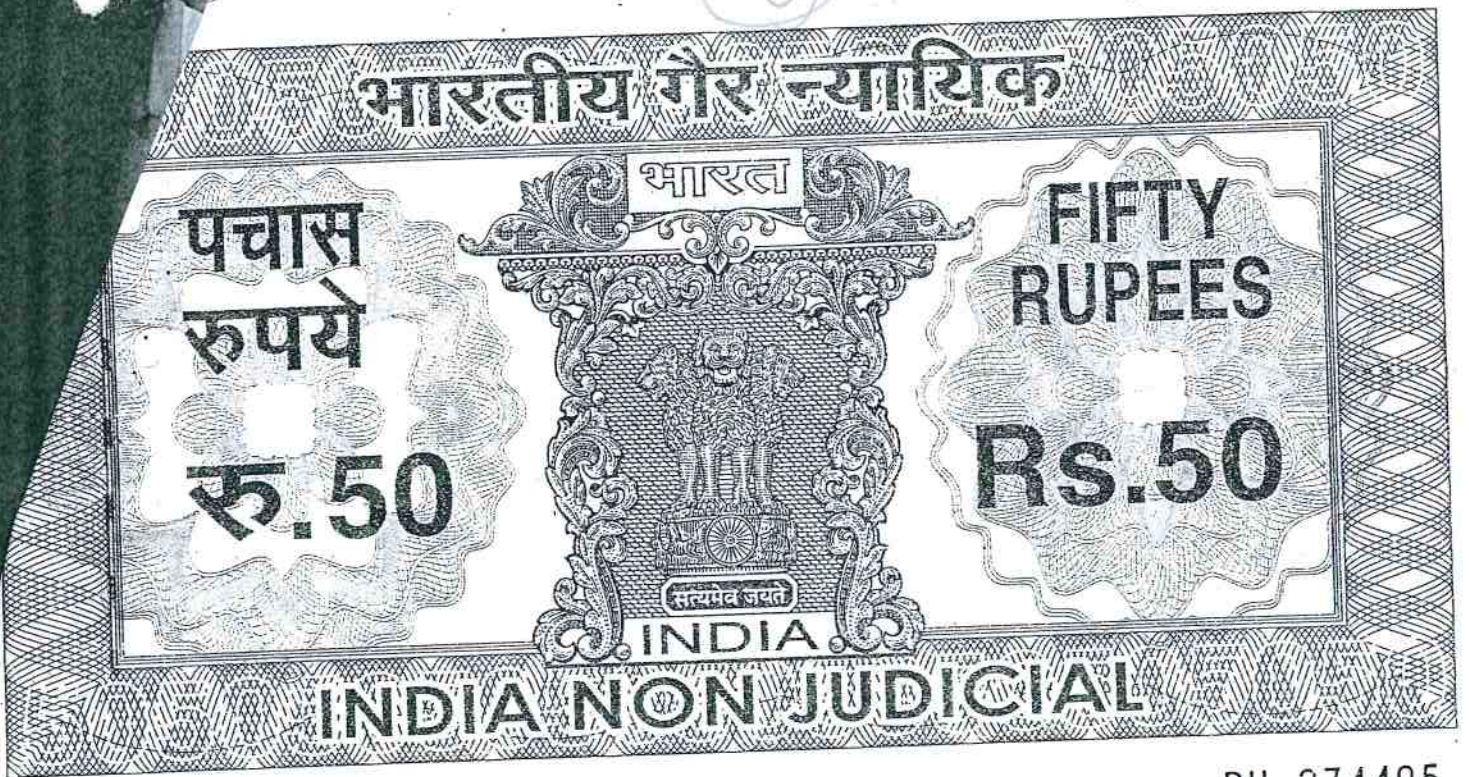
4.2 A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institution on Non-Judicial stamp paper Rs. 100/- in the enclosed format and the second release/installment will be made only after signing of MoA between the grantee institutions and DBT. In case of NGO's and Private Institution's, execution of MOA is mandatory before first release. A format of the MoA is enclosed in **Annexure-VI**

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3. The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilization Certificate and Statement of Expenditure. The Interest so earned will be treated as created to the Institute/Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Accounts.
5. No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.
6. The Director, Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, Uttar Pradesh would be responsible for submission of Statements of Expenditure (SoE), utilization certificates (UC), Assets Certificates, Manpower staffing & expenditure details in prescribed DBT formats to DBT in respect of grants released in this project from time to time.
7. PI's of DBT sponsored projects can consider appointment of JRF from Category-II merit list of DBT-BET exam so that candidates can be paid fellowships at par with NET/GATE/BET qualified candidates as per DST OM No. A.SR/S9/Z-08/2018 dated 17 Mar 2018. However, there is no compulsion on PI's to select candidates for JRF in their projects from Category-II of DBT-BET.
8. As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions or Organizations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG (DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the Institution or Organizations is called upon to do so.
9. If the Research Project involves biological resources, the obligations under the Biological Diversity Act 2002 as applicable shall be complied with by the Project Investigator, the details of such obligations can be accessed at www.nbaindia.org
10. If this project works involve any statutory clearance (such as Ethical Committee Clearance, IBSC approval, NBA approval etc.). Project investigators and Host institution shall compulsorily comply the same without undertaking such activities.
11. This issues, under the power delegated to this Department and with the concurrence of IFD vide their SAN No. **102/IFD/SAN/343/2019-2020** dated **08/05/2019**.
12. This sanction order has been noted at serial no. 21 in the Register of Grants.


(Dr. Onkar N Tiwari)
Scientist 'E'



उत्तर प्रदेश UTTAR PRADESH

BU 274405

MEMORANDUM OF AGREEMENT

This MEMORANDUM OF AGREEMENT is made on this, Two thousand and Nineteen BY AND BETWEEN President of India, acting through Secretary, Department of Biotechnology, Ministry of Science and Technology, Government of India, New Delhi, hereinafter referred to as the 'DBT' (which expression unless excluded by or repugnant to the subject shall mean and include its successor-in-office and assigns) of the ONE PART;

AND

Sanjay Gandhi Postgraduate Institute of Medical Sciences an autonomous institution created by act of state legislature of UP (Act no 30 of 1983) having its registered office at Raebareli Road, Lucknow, 226014 hereinafter referred to as SGPGI (which expression shall where the context so admits include its successors and permitted assigns) of the OTHER PART;

WHEREAS DBT being desirous of Medical Biotechnology decided to support a project submitted by Amita Aggarwal for the attainment of the objectives, hereinafter described in the Annexure I annexed hereto;


Prof. Amita Aggarwal
Head
Genetics & Rheumatology


Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow

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उत्तर प्रदेश UTTAR PRADESH

BU 274406

This Memorandum of Agreement (MoA) defines the role and responsibilities of the participating agencies, monitoring and other matters related to the **Multi-institutional Network Program on Systemic lupus Erythematosus Understanding the diversity of SLE**


NOW THE PARTIES HERETO AGREE AS FOLLOWS:-

1.0. ROLE OF DEPARTMENT OF BIOTECHNOLOGY, NEW DELHI

To provide funds to the extent of **Rs 33738828** over a period of 5 years from the date of sanction of the project, to **August 30, 2018** for undertaking activities as detailed in Annexure I. Details of the funds to be provided are given in Annexure II.

2.0. ROLE OF SGPGI

- 2.1. To provide their contribution of none for 5 years from date of sanction of the project as detailed in Annexure – II. *(if a jointly supported project)*
- 2.2. To provide existing facilities as mentioned in the project document.
- 2.3. To be responsible for accomplishing objectives identified and activities listed.


Amita Aggarwal




Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow

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- 2.4. To allow the Scientists authorized by DBT to work with the Research & Development team of the center in all stages of process development and production.
- 2.5. To recruit all scientific and non-scientific staff as sanctioned by DBT.
- 2.6. To prepare and submit all periodical reports and other documents that would be required by DBT.
- 2.7. To maintain a separate audit head of account for the grants received from DBT for the project.
- 2.8. To submit an annual audited statement of expenditure incurred under the project.
- 2.9. To ensure effective utilization of the grant given by DBT for the purpose for which it was granted and to ensure timely progress of project work.
- 2.10. **The manpower, both scientific and non-scientific, recruited shall be purely on contractual terms & conditions such that the contract for engagement of the manpower shall run concurrently with the said project period only.**

3.0 DURATION OF PROJECT

- 3.1 Duration of project shall be 5 years from the date the Project has been sanctioned by DBT.

4.0 RIGHTS OF OWNERSHIP/TECHNOLOGY TRANSFER AND UTILIZATION

- 4.1 The know-how generated from the project by Dr Amita Aggarwal will be the joint property of SGPGI- and DBT, Government of India. It shall be the responsibility of SGPGI to take necessary action for protection of the intellectual property arising out of the PROJECT through proper instruments, such as, patents, copy rights, etc.
- 4.2 The know-how developed may be transferred to other entrepreneurs on a non-exclusive basis on such terms and conditions as may be determined by DBT.


Amita Aggarwal




Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow

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IN WITNESS WHEREOF the parties hereto have signed, sealed and delivered this Agreement on the day, month and year first above written in presence of:

Witnesses:

Signed by -----

1.

(Designation)

2.

For and on behalf of The President of India

Witnesses:

Signed by -----

1. Dr. Sudhir Sinha

(Designation)

2. Mr. Arvind Srivastava

For and on behalf of SGPGI, Lucknow

DIRECTOR
Sanjay Gandhi Post Graduate
Institute of Medical Sciences
LUCKNOW-226 014, INDIA

Prof. Amita Aggarwal
Head
Clinical Immunology & Rheumatology
SGPGIMS, Lucknow-226 014 (U.P.)

Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow

S.R.O. Med. Genetic
Registrar

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No. BT/PR26428/MED/12/783/2017
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: 21/09/2018

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the implementation of the project entitled: "The Indian Movement Disorder Registry and Biobank: Clinical and genetic evaluation of movement disorders in Indian patients" for a period of 3 Years at a total cost of Rs. 28772170.00 (Rupees Two Crores Eighty Seven Lakhs Seventy Two Thousand One Hundred and Seventy Only) on the terms and conditions detailed here under:-

2. The Project :

2.1 Title : "The Indian Movement Disorder Registry and Biobank: Clinical and genetic evaluation of movement disorders in Indian patients"

2.2 Details of the Investigators:

Project Co-Ordinator

Dr. Roopa Rajan
Assistant Professor
Department of Neurology
All India Institute of Medical Sciences
Room 703, Ansari Nagar
New Delhi-110029

Principal Investigators:

Dr. Roopa Rajan
Assistant Professor
Department of Neurology
All India Institute of Medical Sciences, Delhi
Room 703, Ansari Nagar, New Delhi-110029,

Dr. Akhilesh Pandey
Adjunct Professor and Wellcome Trust DBT Margdarshi Fellow
Department of Clinical Neuroscience
National Institute of Mental Health & Neuro Sciences
Bangalore-560066, Bangalore, Karnataka

Prof. Pramod Kumar Pal
Professor and Head
Department of Neurology
National Institute of Mental Health & Neuro Sciences
Bangalore- 560029, Bangalore, Karnataka

Prof. Sanjay Pandey
Professor
Department of Neurology
G.B. PANT HOSPITAL
Room No. 507, Academic Block
Govind Ballabh Pant Institute of Postgraduate medical education and research
JLN Marg, New Delhi-110002

Ans

Varun Bajpai

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Prof. Shubha Rao Phadke
Professor and Head
Department of Medical Genetics
Sanjay Gandhi Post Graduate Institute of Medical Sciences
Lucknow-226014, Uttar Pradesh

Prof. Thelma BK
Professor
Department of Genetics
University of Delhi, South Campus
South Campus, New Delhi- 110 021

CO-PI:

Dr. Vinod Scaria
Senior Scientist
GN Ramachandran Knowledge Centre for
Genome Inform
CSIR Institute of Genomics and Integrative
Biology, Mall Road, Delhi 110 007

Dr. Aruna Devi Naorem
Assistant Professor
Department Of Genetics
University of Delhi, South Campus
Benito Juarez Road, New Delhi- 110021


Dr. Binukumar BK
Senior Scientist
CSIR-Institute of Genomics and Integrative
Biology, Mathura Road, Sukhdev Vihar, New
Delhi, 110020

Prof. Achal Srivasatava
Professor
Department of Neurology
All India Institute of Medical sciences
Room no 60, Cardio Neuro Centre, Ansari
Nagar, Delhi - 110029, Delhi

Dr. Ravi Yadav
Additional Professor
Department of Neurology
National Institute of Mental Health & Neuro
Sciences
Bangalore - 560029, Karnataka

Dr. Babylakshmi Muthusamy
Research Scientist
Institute of Bioinformatics 7th Floor, Discoverer
Building International Tech Park Ltd Whitefield
Bangalore- 560066, Karnataka

Dr. Remya Raja
Research Scientist
Institute Of Bioinformatics
7th floor, Discoverer Building International
Tech Park Ltd, Whitefield, Bangalore - 560066,
Karnataka



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File No. DST/NSTMIS/05/207-1/2016-17 (CC)
Government of India
Ministry of Science and Technology
Department of Science and Technology

Technology Bhawan
New Mehrauli Road
New Delhi-110016
Dated: 08.08.2018

To

The Pay and Accounts Officer,
Department of Science & Technology,
New Delhi - 110 016.

ORDER

Sub: Release of First Instalment of grant to the project entitled "Evaluation of Impact of DST-FIST Program" for Central Coordinating Unit by Dr. C. M. Pandey, Sanjay Gandhi Postgraduate Institute (SGPGI) of Medical Sciences, Lucknow.

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of Rs. 24,84,350/- (Rupees twenty four lakhs eighty four thousand three hundred fifty only) to Sanjay Gandhi Postgraduate Institute (SGPGI) of Medical Sciences, Lucknow for a duration of 18 months

The detailed breakup of the grant for 18 months is given as under:-

Central Coordinating Unit (Dr. C. M. Pandey, Sanjay Gandhi Postgraduate Institute (SGPGI) of Medical Sciences Lucknow)				
S.No.	Items	Sanctioned amount in Rs.		
		First Year	Second Year (6 months)	Total
1.	Salaries/wages			
	I. Chief Coordinator @ 55,000/- pm	---	3,30,000	3,30,000
	II. One Consultant (Coordinator-1) @ 55,000/- pm	6,60,000	3,30,000	9,90,000
	III. One Project Assistant (IT) @ 22,000/- pm	2,64,000	1,32,000	3,96,000
	IV. One Office Assistant (Part time) @ 5,000/-	60,000	30,000	90,000
2.	Consumables Items	60,000	30,000	90,000
3.	Travel	60,000	15,000	75,000
4.	Equipment			
	I. One Tablet	20,000	---	20,000
	II. One Desktop	50,000	---	50,000
	III. One Laser Printer	25,000	---	25,000
5.	Report Preparation & printing	80,000	---	80,000
6.	Development of Data Collection Site	112,500	---	1,12,500
	Total	13,91,500	8,67,000	22,58,500
7.	Overhead Charges @10%	1,39,150	86,700	2,25,850
	Grand Total	15,30,650	9,53,700	24,84,350

2. Sanction of the President is hereby accorded for the payment of Rs. 15,00,000/- (Rupees fifteen lakhs only) as First instalment of grant to the above mentioned project.

3. The sanction of the President is also accorded to the release of Rs.15,00,000/- (Rupees fifteen lakhs only) to the Director, Sanjay Gandhi Postgraduate Institute (SGPGI) of Medical Sciences Lucknow.

4. This sanction is subject to the condition that the grantee organisation will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.


 Lt Col Varun Bajpai VSM
 Executive Registrar
 SGPGIMS, Lucknow

5. The grantee organisation will have to enter & upload the Utilization Certificate in the PFMS besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.
6. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.
7. The grant-in-aid being released is subject to the condition that
- (a) a transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/Organisation under the appropriate rules of the grantee organisation while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organisation immediately on receipt of the grant.
- (b) While submitting Utilisation Certificate/Statement of Expenditure, the organisation has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.
8. The grantee organisation will maintain separate audited account for the project and **the entire amount of grant will be kept in an interest bearing bank account**. The interest earned / accrued should be reported to DST (financial year wise) while submitting the Statement of Expenditure/Utilization Certificate.
9. As per the GFR 2017 Rule 230(8) the Grantee Institute should ensure that all the interests or other earnings against Grant-in-Aid or advances (other than reimbursement) released to any Grantee Institution should be mandatorily remitted to the Consolidated Fund of India immediately after finalisation of the accounts. Such advances will not be allowed to be adjusted against future releases.
10. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.
11. **PI/ Coordinator shall not draw any emoluments/ salary/fellowship from any other project either supported by DST or by any other funding agency for this project.**
12. The account of the grantee organisation shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organisation is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.
13. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organisation in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.
14. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.
15. The expenditure involved is debitable to Demand No.84, Department of Science & Technology for the year 2018-19:

3425	Other Scientific Research (Major Head),
60	Others (Sub-Major Head),
60.200	Assistance to other Scientific Bodies (Minor Head),
68	Science & Technology Institutional and Human Capacity Building
68.00.31	Grant-in-aid General for the year 2018-19 (voted)
	(Previous: Policy Research Cell 3425.60.200.54.01.31)

contd....3/-


16. The amount of **Rs. 15,00,000/- (Rupees fifteen lakhs only)** will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to **Director, Sanjay Gandhi Postgraduate Institute (SGPGI) of Medical Sciences Lucknow.**

The bank details for electronic transfer of funds through RTGS are given below:-

Account holder : Director, SGPGIMS Research
Name of the Bank : State Bank of India
Address of the Bank : SGPGI Branch, Raebareli Road, Lucknow – 226 014
Account No. : 10095237491
IFSC Code : SBIN0007789
MICR Code : 226002034
Darpan Unique ID No. : NA


17. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. ~~18~~¹⁹ in the register of grants maintained in the Division for the scheme (Science & Technology Institutional and Human Capacity Building).

18. This issues with the concurrence of IFD Vide their Concurrence Dy. No. **C-1798/IFD/2018-19** dated 07.08.2018.


(Dr. A.N. Rai)
Scientist 'F'

Copy forwarded for information and necessary action to:

1. Director of Audit (CW&M), Indraprastha Estate, AGCR Building, New Delhi – 110002.
2. Cash Section (Three copies including original one).
3. IFD.
4. Dr. C. M. Pandey, **Sanjay Gandhi Postgraduate Institute (SGPGI) of Medical Sciences Lucknow**
5. Director, **Sanjay Gandhi Postgraduate Institute (SGPGI) of Medical Sciences Lucknow.**
6. Sanction Folder/File.


(Dr. A.N. Rai)
Scientist 'F'

301:Budget Year wise

	Items	First Year	Second Year	Total
East and North East	Salary	2208000	444000	2652000
	Consumables	200000	0	200000
	Travel	950000	50000	1000000
	Printing	50000	50000	100000
	Equipment	75000	0	75000
	Total	3483000	544000	4027000
	Overhead Charges @10%	348300	54400	402700
	Sub Total E & NE Zone	3831300	598400	4429700
Western	Salary	396000	396000	792000
	Consumables	160000	125000	285000
	Travel	200000	100000	300000
	Equipment	165000	0	165000
	Total	921000	621000	1542000
	Overhead Charges @10%	92100	62100	154200
	Sub Total Western Zone	1013100	683100	1696200
North	Salary	1544000	780000	2324000
	Consumables Items	30000	45000	75000
	Orientation Meeting	25000	0	25000
	Travel: Chief Coordinator and Co-PI	250000	150000	400000
	Miscellaneous & Contingencies	75,000	25,000	100000
	Equipment	70000	0	70000
	Total	1994000.00	1000000.00	2994000
	Overhead Charges @10%	199400.00	100000.00	299400
	Sub Total North Zone	2193400.00	1100000.00	3293400
South	Salary	1944000	180000	2124000
	Consumables	100000	200000	300000
	Travel	900000	300000	1200000
	Contingency	100000	50000	150000
	Equipment	200000	0	200000
	Total	3244000	730000	3974000
	Overhead Charges @10%	324400	73000	397400
	Sub Total South Zone	3568400	803000	4371400
Central	Salaries/wages	594000	0	594000
	Consumables Items	70000	30000	100000
	Travel: Chief Coordinator and Co-PI	872500	27500	900000
	Equipment	60000	0	60000
	Training of Project Assistant(Field)	35000	0	35000

	Total	1631500	57500	1689000
	Overhead Charges @10%	163150	5750	168900
	Sub Total Central Zone	1794650	63250	1857900
Central Coordinating Unit	Salaries/wages	984000	822000	1806000
	Consumables Items	50,000	50,000	100000
	Travel: Chief Coordinator and Co-PI	50000	50000	100000
	Equipment	95,000	0	95000
	Report Preparation & printing	0	100000	100000
	Development of Data Collection Site	125,000		125000
	Total	1304000	1022000	2326000
	Overhead Charges @10%	130400	102200	232600
	Sub Total CC Unit	1434400	1124200	2558600
	Grand total	13835250.00	4371950.00	18207200.00

Financial Responsibility: The allocated amount will be transferred directly to the respective regional PI's. All regional PI's are responsible for their respective allocated fund and its utilization.

Dated: 22.02.2019

Coord/7(1)/CARE-KD/18-NCD-II

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✓ The Director,
SGPGIMS,
Rai Bareilly Road,
Lucknow, U.P-226014

Subject: "CARE on Kidney Diseases- Biomarkers & newer therapeutic" under Dr. Swasti Tiwari,
Lucknow

Sir/Madam,

The Director General of the Council sanctions the above mentioned research scheme initially for a period of one year from 01.03.2019 subject to extension upto the total duration specified in para 3(3) below.

The Director General of the Council also sanctions the budget allotment of Rs. 1,66,66,900/- (Rupees one crore sixty six lakhs sixty six thousand nine hundred only) as detailed in the attached statement for the period ending the 28.02.2020.

The grant-in-aid will be given subject to the following conditions:-

1. The payment of the grant will be made in lump-sum to the head of the Institution. The first installment of the grant will be paid generally as soon as a report regarding the commencement of the project and appointment of the staff is received by the Council. The demand for payment of the subsequent installment of the grant should be placed with the Council in the prescribed proforma attached.
2. The staff appointed on the project should be paid as indicated in the budget statement attached.
3. The approved duration of the scheme is 5 (five) year. The annual extension will be given after review of the work done on the scheme during the previous year.
4. A report on the progress made will be submitted to the Council as and when called for.
5. The institute will maintain a separate account of the receipts and the expenditure incurred on the scheme and will furnish a utilization certificate and an audited statement of account pertaining to the grant.
6. The other terms and conditions are indicated in Annexure-1

The receipt of this letter may please be acknowledged.

Yours faithfully,

Ishwar

(Ishwar Likhar)
Admn. Officer

For Director-General

This issues with the concurrence of Finance Section vide RFC No. (P-37) NCD/CARE/2/2018-19 dated 12.02.2019

No.Coord./7(1)/CARE-KD/18-NCD-II

1. Copy together with a copy of the budget statement forwarded for information Dr. Swasti Tiwari, Professor, Department of Molecular Medicine and Biotechnology, SGPGIMS, Rai Bareilly Road, Lucknow, U.P-226014
2. Copy together with a copy of the budget statement forwarded to the Accounts Section for information and necessary action.

A. O.

Hemant (Sr. T.O.)

For Director-General

Prof. Rakesh Kapoor
Director

Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow

1479/S.P.
6/3/2019

Date: 6/3/19
Time: 9. PM

Signature

Signature

Signature

Signature

6A

2

	aneous shipping Charges from different sites (within	1,50,000
	ertisements/camps/ workshop for subject recruitments community and awareness generation stationary posium and workshops to disseminate scientific nowledge gathered towards the end.	5,00,000
	patent fee, Publication and Abstract submission charges, License fee	2,00,000
	Sub-total (A+B)	21,50,000
	Over-head charges	
	5% of cost of the project (excluding travel and non-recurring) i.e. 5% of (1+A+B)	2,88,900 - 0
i)	Non-Recurring (equipments)	
	Sample storage (-80 and -20 degrees, one/each)	10,00,000
	Ultracentrifuge (high capacity) with rotors ✓	85,00,000
	Small equipments for lab or field analysis like spin centrifuge, hand held tissue homogenizer, hand held ABG analyzer ad Nanodrop etc.	10,00,000
	Sub total (Non-Rec. -Equip.)	1,05,00,000 - 0
4.	Travel	
i.	Travel during camp activity, travel by the consultant for project monitoring and evaluation; travel by staff team during community camp activities, travel by PI or research staff (RAIII, Statistician or JRF) to attend national conferences	1,00,000
5.	Grand Total (1+2(i)+2(ii)+3+4)	1,66,66,900

Rs. 1,66,66,900/- (Rupees one crore sixty six lakhs sixty six thousand nine hundred only)

10/11/20

Varun Bajpai

Varun Bajpai
Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow

REVISED PROVISIONAL GRANT PAYMENT PROFILE

NO COST EXTENSION

Type of Grant: INTERMEDIATE

Applicant's Name: Dr. Chandra Chaturvedi

Host Institute Name: SGPIMS, UP

IA Reference No: IA/16/1/502374

Grant Award Amt. ₹ 3,60,55,580

Bank A/c Details: SBI/SBI10095237491

Note: * (FS) Fixed till 31/03/2023 Only, for current FY

Host Institute Ref. No: SGPIMS, LUCKNOW

Award Letter Date: 14-03-2017

Grant Start Date: 01-04-2017

Grant End Date: 31-03-2023

Equipment Cost (E) 47,00,000

Removable Exp. (R) -

Inst. Sal. Acq. Period Apr - Mar

F&A Contact Details: Prof. U C Ghoshal- Faculty In-Charge

email: sgpresearch@gmail.com

Particulars	AWARD AMT.	No. of Months						RETENTION (R)	Adjustment	NET AWARD
		2017-18	2018-19	2019-20	2020-21	2021-22	2022-23			
Ring-fenced Funds (R-f)	69,12,000									
Revised Fellow Salary (FS)	13,82,400	13,82,400	0	0	0	0	0	-41,47,200	27,64,800	
Adj. of Unspent/DISALLOWED / Reduction in Top-up	0	0	-5,06,880	0	0	0	0	-5,06,880	-5,06,880	
Net Release of (FS) (a)	69,12,000	13,82,400	13,82,400	0	0	0	0	-46,54,080	22,57,920	
Overseas All. (Work outside Host Inst.) (OA)	14,10,000	0	0	0	0	0	0	-14,10,000	0	
Adj. of Unspent / Reduction in (OA)	0	0	0	0	0	0	0	0	0	
Net Release of (OA) (b)	14,10,000	0	0	0	0	0	0	-14,10,000	0	
Net R-f Fund (C) = (a+b)	83,22,000	13,82,400	13,82,400	0	0	0	0	-60,64,080	22,57,920	
Add: Institutional O.H. Cont. @10%	8,32,200	1,38,240	1,38,240	-50,688	0	0	0	-6,06,408	2,25,792	
OH on R-f Fund (c)	24,45,580	8,65,116	8,65,116	63,857	6,77,463	3,95,116	5,79,723	60,7,443	30,37,134	
OH on T-Fund (g)	0	0	0	0	0	0	0	0	0	
Adjustment of Interest Earned on IA Funds	0	0	0	0	0	0	0	0	0	
Overheads Retained	0	0	0	0	0	0	0	0	0	
Total Institutional O.H. Cont. (d)	32,77,780	10,03,356	2,05,005	-1,31,590	6,77,463	3,95,116	5,79,723	6,77,463	25,48,839	
Total - Ring-fenced Funds (RF)	1,15,99,780	23,85,756	15,87,405	-6,38,570	13,44,859	3,95,116	6,77,463	-7,28,941	48,06,759	
Transferable Funds (TF)	2,44,55,800	86,51,160	39,51,160	39,51,160	39,51,160	39,51,160	39,51,160	0	2,44,55,800	
Adj: Other Adjustments +/-	0	0	0	0	0	0	0	0	0	
Adj. of Excess/Unspent TF Funds +/-	0	0	0	0	0	0	0	0	0	
Net Transferable Funds	2,44,55,800	86,51,160	39,51,160	39,51,160	39,51,160	39,51,160	39,51,160	0	2,44,55,800	
Less: Retention Amt. @2% on TF (R)	2,44,55,800	86,51,160	39,51,160	39,51,160	39,51,160	39,51,160	39,51,160	0	2,44,55,800	
Grand Total (GT) ₹	3,60,55,580	1,10,36,916	55,38,565	6,38,570	72,63,570	72,63,570	72,63,570	6,07,427	3,03,71,341	
ADD: SUPPLEMENTARY FUNDS:										
TOTAL - SUPPLEMENTARY FUNDS (SF) (F)										
Interest Earned on Grant Received from IA	7,14,087	3,28,351	1,44,859	1,52,304	33,096	55,477			3,58,92,187	

ADD: REVISION / PERMANENT REDUCTION - (PR)	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	Award Plus Suppl ₹	Total Grant Amt. ₹
Revision / (PR) in Fellow Salary (FS)						(46,54,080)			
Revision / (PR) in Overseas Allowance (OA)						(14,10,000)			
Revision / (PR) in Transferable Funds (TF)						59,15,541			
Institutional O.H. @ 10% on above (FS+OA+TF)						(70,331)			
TOTAL - REVISION / (PR) (P)						(33,096)			
SPENT DETAILS									
Fellow Salary (FS)	13,82,400	8,75,520			5	6	7		
Overseas All. (Work outside Host Inst.) (OA)									
Transferable Funds (TF)	19,59,352	49,02,301	50,32,411	38,76,345	43,41,692				
Institutional O.H. @ 10% on above (FS+OA+TF)	3,34,175	5,77,782	5,03,241	3,87,635	4,34,169				
TOTAL AMOUNT ₹	26,55,927	64,55,603	55,35,652	42,63,980	47,75,861				
Unspent Amount ₹	73,60,989	(8,17,038)	(55,35,652)	23,58,350	(4,62,881)				
Committed Amount Provision ₹ (CP)			(5,86,409)	67,35,615	(79,96,532)				
Unspent after Commitment Provision ₹	73,60,989	(8,17,038)	(59,22,041)	36,72,765	(12,60,617)				
UNSPENT / EXCESS SPENT - (FS)	5,06,880	5,06,880							
UNSPENT / EXCESS SPENT - (OA)									
UNSPENT / EXCESS SPENT - (TF)	38,54,583	66,91,808	(22,98,467)	(38,07,432)	71,06,000				
Cumulative Total Payment		1,10,36,916	1,65,75,481	2,31,97,811	2,75,10,991	3,38,32,467	3,38,32,467	3,51,78,100	
Current Liability (CL) (Unspent, Adjusted Payable)				36,43,849					
Expenditure (GT+R+C)	3,51,78,100	1,10,36,916	55,38,565	36,43,849	43,13,180	64,51,618			
Deferred Liability (DL)		2,50,18,664	1,91,51,748	1,53,63,040	1,10,16,764	66,70,488			

Please Note: 1. Payment of yearly installment will be made subject to submission of (a) ledger Copy/ R&P / I&E/ Statement of A/c of Fellows Project. (b) latest Pay Slip AND monthly Salary statement for the previous year, (c) Valid Ethical Approval / Certificate from Sponsor. (If apply), (d) Signed Grant Spend Report for the previous year, (e) Fellows Research Report. (f) Latest Audited & Unaudited Financial Statements AND Annual Report of the Institution, (g) WOH Visit & Spend letter from external sponsor, (h) Amount Committed Information for next FY (If any)

2. UNSPENT TF & OA amounts will be adjusted from 3rd Installment. It will be released upon submission of Spend Report and Future requirements.

Lt Col Varun Bajpai VSM
Executive Registrar
SGPIMS, Lucknow

PROVISIONAL GRANT PAYMENT PROFILE

wellcome trust
(IA) INDIA ALLIANCE

Applicant's Name: **Dr. Rohit Antony Sinha**
Host Institute Name: **SGPIMS, Lucknow**
IA Reference No.: **IA/116/2/502691**

Grant Award Amt: ₹ **33,934,890**

Type of Grant: **INTERMEDIATE**
Host Institute Ref. No: **SGPIMS, Lucknow**
Award Letter Date: **13/10/2017**

Grant Start Date: **01/11/2017**
Grant End Date: **31/10/2022**
Equipment Cost (E): **9,852,000**
Removable Exp (R1): **Apr - Mar**

Notes: (F5) Fixed till 11/11/17; (F6) Only for current FY

No. of Months	Basic							Work Outside Host Inst. (OA)		Fellow Personal Support Details	
	60	5	12	12	12	12	12	7	0	Year (FY)	Estimated FRED Personal Support (F5) - p.m. (will be revised every year at beginning of FY)
Ring-fenced Funds (R-F)	6,912,000	576,000	1,382,400	1,382,400	1,382,400	1,382,400	1,382,400	806,400	0	2017-18	115,200
Adj. of Unspent/DISALLOWED / Reduction in Top-up of Net Transferable Funds (F5)	0	0	0	0	0	0	0	0	0	2018-19	115,200
Overseas All. (Work outside Host Inst.) (OA)	0	0	0	0	0	0	0	0	0	2019-20	115,200
Adj. of Unspent / Reduction in (OA)	0	0	0	0	0	0	0	0	0	2020-21	115,200
Net Release of (OA)	0	0	0	0	0	0	0	0	0	2021-22	115,200
Net R-F Fund (C) = (a+b)	6,912,000	576,000	1,382,400	1,382,400	1,382,400	1,382,400	1,382,400	806,400	0	2023-24	115,200
Add: Institutional O.H. Cont. @10% OH on R-F Fund (d)	691,200	57,600	138,240	138,240	138,240	138,240	138,240	80,640	0		0
OH on T-Fund (e)	2,393,790	1,02,583	281,718	281,718	281,718	281,718	281,718	164,335	0		0
Adjustment of Interest Earned on IA Funds	0	0	0	0	0	0	0	0	0		0
Total - Ring-fenced Funds (RF) (g) = (c+d)	10,697,000	736,183	1,802,358	1,802,358	1,802,358	1,802,358	1,802,358	1,069,700	0		0
Transferable Funds (TF)	9,996,990	1,756,183	1,802,358	1,802,358	1,802,358	1,802,358	1,802,358	1,069,700	0		0
Adj. of Excess/In Spent TF Funds +/-	23,937,900	11,025,825	2,817,180	2,817,180	2,817,180	2,817,180	2,817,180	1,643,355	0		0
Net Transferable Funds	23,937,900	11,025,825	2,817,180	2,817,180	2,817,180	2,817,180	2,817,180	1,643,355	0		0
Less: Retention Amt. @2% on TF (R)	478,758	0	0	0	0	0	0	0	0		0
Net Release of (TF)	23,937,900	11,025,825	2,817,180	2,817,180	2,817,180	2,817,180	2,817,180	1,643,355	0		0
GRAND TOTAL (G) = (f) + (g)	33,934,890	12,762,008	4,619,538	4,619,538	4,619,538	4,619,538	4,619,538	3,262,730	0		0
ADD: SUPPLEMENTARY FUNDS: (F1)											
TOTAL SUPPLEMENTARY FUNDS: (F1)											
Interest Earned on Grant Received from IA											
TOTAL SUPPLEMENTARY FUNDS: (F1)											

RETENTION (R)	ADJUSTMENT	NET AWARD
0	0	6,912,000
0	0	691,200
0	0	2,393,790
0	0	9,996,990
0	0	23,937,900
0	0	478,758
0	0	23,937,900
0	0	23,937,900
0	0	33,934,890
0	0	33,934,890

ADJ: REVISION / PERMANENT REDUCTION - (PR)	1	2	3	4	5	6	7	TOTAL UNSPENT	TOTAL RECEIPT (GT)
Revision / (PR) in Fellow Salary (F5)									
Revision / (PR) in Overseas Allowance (OA)									
Revision / (PR) in Transferable Funds (TF)									
Institutional O.H. @ 10% on above (FS-OA+TF)									
TOTAL AMOUNTS									
SPENT DETAILS									
Fellow Salary (F5)									
Overseas All. (Work outside Host Inst.) (OA)									
Transferable Funds (TF)									
Institutional O.H. @ 10% on above (FS-OA+TF)									
UNSPENT (EXCESS) SPENT - (OA)									
UNSPENT (EXCESS) SPENT - (TF)									
Committed Amount Provision +/- (CP)									
UNSPENT (EXCESS) SPENT - (FS)									
UNSPENT (EXCESS) SPENT - (OA)									
UNSPENT (EXCESS) SPENT - (TF)									
Cumulative Total Payment	12,762,008	17,381,546	22,001,084	26,620,622	30,713,526	33,408,256	33,934,890		
Current Liability (CL) (Unspent Adjusted Payable)									
Deferred Liability (DL)									
GRAND TOTAL	12,762,008	17,381,546	22,001,084	26,620,622	30,713,526	33,408,256	33,934,890		

Please Note:
1. Payment of yearly installment will be made subject to submission of (a) Ledger Copy/ R/P / I/E/ Statement of A/c of Fellow's Project, (b) Latest Pay Slip monthly salary statement for the previous year, (c) Valid Ethical Approval / Certificate from Sponsor (If applicable), (d) Signed Grant Spend Report for the previous year, (e) Fellow's Research Report, (f) Latest Audited & Unaudited Financial Statements AND Annual Report of the Institution, (g) WOH Visit & Spend letter from external sponsor, (h) Amount Committed Information for next FY
2. UNSPENT TF & OA amounts will be adjusted from 3rd installment. It will be released upon submission of Spend Report and Future requirements.
3. India Alliance will adjust the interest earned on IA grants from Institutional Overheads every following year.

Lt Col Varun Bajpai VSM
Executive Registrar
SGPIMS, Lucknow

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(35)

No. BT/PR13584/COE/34/29/2015
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: 10/05/2018

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the implementation of the project entitled: "**Centre of Excellence on Translational Research on Bioinspired Nanomaterials and Drugs from Endophytes**" for a period of 5 Year 0 Month at a total cost of Rs. **39539200** (Rupees Three Crores Ninety Five Lakhs Thirty Nine Thousand Two Hundred Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : "Centre of Excellence on Translational Research on Bioinspired Nanomaterials and Drugs from Endophytes"

2.2 Details of the Investigators:

Project Coordinator

Dr. Absar Ahmad
Senior Principal Scientist
Division of Biochemical Sciences
Aligarh Muslim University
Division of Biochemical Sciences,
Aligarh Muslim University, AMU,
Aligarh - 202002, Uttar Pradesh

Principal Investigators:

Dr. Absar Ahmad
Senior Principal Scientist
Division of Biochemical Sciences
Aligarh Muslim University
Division of Biochemical Sciences,
Aligarh Muslim University, AMU,
Aligarh - 202002, Uttar Pradesh

Dr. Dhanasekaran Shanmugam
Principal Scientist (E II)
Biochemical Sciences Division
CSIR-National Chemical Laboratory
Biochemical Sciences Division
CSIR-National Chemical Laboratory
Dr. Homi Bhabha Road, Pune, Maharashtra, 411008

Dr. Mahesh J Kulkarni
PI
Biochemical Sciences
CSIR-National Chemical Laboratory
Pune, Maharashtra, 411008

Dr. Sanjay Gambhir
Professor & Head
Nuclear Medicine
Sanjay Gandhi Post Graduate
Institute of Medical Sciences
Institute/University: S.G.P.G.I.M.S
Address: Rai-Bareilly Road, Lucknow,
Uttar Pradesh, 226014

2.3 Objectives:

1. Mass production of chemically and physically difficult to synthesize nanoparticles using 'bottom-up' bioinspired approaches like biosynthesis, etc. (Nodal Lab-AMU).
2. Mass production of chemically and physically difficult to synthesize nanoparticles using 'top-down' bioinspired approaches like biosynthesis, etc. (Nodal Lab-AMU).
3. Studies on metal accumulation in plants and employing them for the bleaching of technologically important nanoparticles. (Nodal Lab-AMU).
4. Conjugation of our nanoparticles with various anti-diabetic, anti-malarial, etc. drugs. (Nodal Lab-AMU).
5. Radiolabelling of nanoparticles/nano-drug formulations and animal studies to see their bio-distribution and clearance time from blood. (Co-PI: Dr. Sanjay Gambhir, SGPGIMS, Lucknow).
6. Biological synthesis of carbon supported metal/oxide/sulfide/quantum dots nanoparticles. (Nodal Lab-AMU)
7. Nanomaterials embedded in fungal biofilms for uptake studies. (Nodal Lab-AMU).
8. Evaluating the exact target site, uptake and location of nanoparticles inside cells samples. (Nodal Lab-AMU).
9. Evaluation of anti-bacterial/fungal/algae activity of our nanoparticles. (Nodal Lab-AMU).
10. Evaluation of biosynthesized inorganic nanomaterials for anti-diabetic properties and translation into related products (project 1: study of bioinspired nanomaterials in Diabetes: Dr. Mahesh Kulkarni, CSIR-NCL, Pune)
11. Evaluation of biosynthesized inorganic nanomaterials for anti-malarial properties and translation into related products (project 2: Study of bioinspired nanomaterials in Malaria: Dr. Dhanasekaran Shanmugam, CSIR-NCL, Pune)

2.4 Time Schedule:

The duration of the project is 5 Year 0 Month from the date of this sanction order.

2.5 Project Cost:

The total cost of the project is Rs. **39539200/-** (Rupees Three Crores Ninety Five Lakhs Thirty Nine Thousand Two Hundred Only) as per details given below :

Institute	Year I	Year II	Year III	Year IV	Year V	Total Cost(Rs.)
1. Aligarh Muslim University	9421000	4721000	4807400	4807400	4807400	28564200
2. CSIR-National Chemical Laboratory	1320000	1320000	1320000	1320000	1320000	6600000
3. Sanjay Gandhi Post Graduate Institute of Medical Sciences	875000	875000	875000	875000	875000	4375000
Total (Rs.)	11616000	6916000	7002400	7002400	7002400	39539200

Institute wise details are:

Budget Head	Year I	Year II	Year III	Year IV	Year V	Total(Rs.)
1. Aligarh Muslim University						
Equipment	4700000.00					4700000.00
Manpower	2196000.00	2196000.00	2282400.00	2282400.00	2282400.00	11239200.00
Contingency	50000.00	50000.00	50000.00	50000.00	50000.00	250000.00
Overhead	100000.00	100000.00	100000.00	100000.00	100000.00	500000.00
Consumables	2000000.00	2000000.00	2000000.00	2000000.00	2000000.00	10000000.00
Travel	75000.00	75000.00	75000.00	75000.00	75000.00	375000.00
Workshop Training for 2,00,000 and 1,00,000 for PMC onsite visit	300000.00	300000.00	300000.00	300000.00	300000.00	1500000.00
Total (Rs.)	9421000.00	4721000.00	4807400.00	4807400.00	4807400.00	28564200.00
2. CSIR-National Chemical Laboratory						
Manpower	600000.00	600000.00	600000.00	600000.00	600000.00	3000000.00
Travel	80000.00	80000.00	80000.00	80000.00	80000.00	400000.00
Contingency	40000.00	40000.00	40000.00	40000.00	40000.00	200000.00
Consumables	600000.00	600000.00	600000.00	600000.00	600000.00	3000000.00
Total (Rs.)	1320000.00	1320000.00	1320000.00	1320000.00	1320000.00	6600000.00
3. Sanjay Gandhi Post Graduate Institute of Medical Sciences						
Manpower	300000.00	300000.00	300000.00	300000.00	300000.00	1500000.00
Consumables	500000.00	500000.00	500000.00	500000.00	500000.00	2500000.00
Travel	25000.00	25000.00	25000.00	25000.00	25000.00	125000.00
Contingency	50000.00	50000.00	50000.00	50000.00	50000.00	250000.00
Total (Rs.)	875000.00	875000.00	875000.00	875000.00	875000.00	4375000.00

2.6 Equipment:

The details of the equipment sanctioned for the implementation of the project at Annexure-I

2.7 Manpower:

The details of the manpower sanctioned for the implementation of the project at Annexure-II

3. Head of Account:

The Non-Recurring expenditure involved is debitable to:

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research 2018-2019
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.35	Grants for creation of capital assets

The Recurring expenditure involved is debitable to:

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research 2018-2019
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.31	Grants-in-Aid General

4. Terms & Conditions:

[I] Considering the time bound nature of the project, the progress made in the project will be monitored once a year by the Task Force Constituted by DBT. [II] The Date of release of the grant is the date of implementation of the Project. [III] Extension proposal, if any should be submitted before 6 month from the probable date of completion of the project. [IV] It is the responsibility of the PI and the Institute to ensure that support of DBT is suitably acknowledged in the publications i.e. papers, reports etc. arising out of the project. [V] As per GFR the equipment sanctioned under the project should be purchased within 18 months from the date of release of the grant. [VI] The grantee institute is permitted to carry forward the unspent balance from the previous financial year after furnishing UC/SE in the DBT format to the Department for the previous financial year ending. [VII] In case the whole or a part of the amount of the grant-in-aid is being refunded, an interest at the rate of ten per cent annum there on shall be recovered


4.1 The other terms and conditions governing this sanction are attached at Annexure- III.

4.2A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institution on Non-Judicial stamp paper Rs. 100/- in the enclosed format and the second release/installment will be made only after signing of MoA by the grantee institutions and its acceptance by DBT. In case of NGO or Private Institution, MOA signed is mandatory first release. A format of the MoA is enclosed in Annexure-IV

4.3 The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilisation Certificate and Statement of Expenditure. The Interest so earned will be treated as created to the institute/Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Accounts.

5.No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.

- 6. The Director, CSIR-National Chemical Laboratory, Pune, Maharashtra and The Director, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow, Uttar Pradesh and The Registrar, Aligarh Muslim University, Aligarh, Uttar Pradesh would be responsible for submission of Statements of Expenditure (SoE), utilization certificates (UC), Assets Certificates, Manpower staffing & expenditure details in prescribed DBT formats to DBT in respect of grants released in this project from time to time.
- 7. PI's of DBT sponsored projects can consider appointment of JRF from Category-II merit list of DBT-BET exam so that candidates can be paid fellowships at par with NET/GATE/BET qualified candidates as per DST OM No. A.SR/S9/Z-09/2012 dated on 21 Oct 2014. However, there is no compulsion on PI's to select candidates for JRF in their projects from Category-II of DBT-BET.
- 8. As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions or Organisations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG(DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the Institution or Organisation is called upon to do so.
- 9. If the Research Project involves biological resource, the obligations under the Biological Diversity Act 2002 as applicable shall be complied with by the Project Investigator, the details of such obligations can be accessed at www.nbaindia.org
- 10. This issues under the power delegated to this Department and with the concurrence of IFD vide their SAN No.102/IFD/SAN/295/2018-2019 dated **May, 10 2018**.
- 11. This sanction order has been noted at serial no. 6 in the Register of Grants.


 (Dr. D K Tewary)
 Scientist 'E'

To,
 The Pay & Accounts Officer,
 Department of Biotechnology,
 New Delhi - 110 00

Copy to:

- 1 The Principal Director of Audit (Scientific Departments), DACR Building, New Delhi- 110 002.
- 2 Dr. Absar Ahmad(Project Co-ordinator), Nanobiotechnology Group, Biochemical Sciences Division, Aligarh Muslim University AMU, Aligarh - 202002, Uttar Pradesh
- 3 The Director, CSIR-National Chemical Laboratory, CSIR-National Chemical Laboratory, Dr. Homi Bhabha Road , Pune - 411008, Maharashtra
- 4 The Director, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Raibareilly Road, Lucknow - 226014, Uttar Pradesh
- 5 The Registrar, Aligarh Muslim University, AMU, Aligarh - 202002, Uttar Pradesh
- 6 Dr. Dhanasekaran Shanmugam, Principal Scientist (E II), Biochemical Sciences Division, CSIR-National Chemical Laboratory, Biochemical Sciences Division CSIR-National Chemical Laboratory Dr. Homi Bhabha Road, Pune, Maharashtra, - 411008,
- 7 Dr. Mahesh J Kulkarni, PI, Biochemical Sciences, CSIR-National Chemical Laboratory, , Pune - 411008, Maharashtra
- 8 Dr. Sanjay Gambhir, Professor & Head, Nuclear Medicine, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Institute/University: SGPIMS Address: Rai-Bareilly Road, Lucknow, - 226014
- 9 Cash Section, DBT (2 copies).
- 10 Sanction Folder.
- 11 File Copy.


 (Dr. D K Tewary)
 Scientist 'E'



उत्तर प्रदेश UTTAR PRADESH

EB 659898

Memorandum of Understanding

Between

The Ministry of Health and Family Welfare, Government of India

And

Sanjay Gandhi Postgraduate Institute of Medical Sciences (SGPGIMS)

Lucknow, India

By Which

The two statutory authorities, namely, the Ministry of Health and Family Welfare (MOHFW) Government of India, Nirman Bhawan, New Delhi-110011 and the Sanjay Gandhi Postgraduate Institute of Medical Sciences (SGPGIMS) Lucknow, India have decided to co-operate and collaborate with each other for providing Laboratory support in establishment of Surveillance network for Influenza like Illness (ILI) in the country. The goals and objectives of ILI surveillance are:

Goal: To set up surveillance system for Influenza like illness (ILI), SARI and ARI in India.

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Objectives of Sentinel Surveillance for SARI, ILI and ARI

- I. To provide data for better informed action regarding national and local influenza prevention and control efforts, including vaccination campaigns. These include data on:
 - epidemiology and seasonality data of influenza;
 - groups at high risk for severe outcomes, including hospitalization and deaths;
- II. To provide a platform for surveillance that includes additional common respiratory pathogens (e.g. Respiratory syncytial virus (RSV), Adenovirus, Para influenza viruses, and Rhinovirus);

Post 12th five year Plan Period MOHFW has allocated funds for Integrated Diseases Surveillance Programme, a portion of this fund is eligible for payment under this MOU. The scope of the MOU will cover on the part of **SGPGIMS Lucknow**, processing and analysis of samples and Quality Assurances functions for ensuring the highest level of technical soundness, including but not limited to:

1. Receiving and processing of clinical samples.
2. Analyzing and collating clinical data for early warning signals.
3. Sharing clinical data and laboratory results with National Centre for Disease Control (NCDC) and State Surveillance Officer of IDSP.
4. Preserving the pooled/paired samples for future need.

Set out below are the terms and conditions under which agrees to carrying out the above mentioned assignment.

1. For administrative purpose Project Director, IDSP has been assigned to administer the assignment and **SGPGIMS Lucknow** to provide with relevant information needed to carry out the assignment;
2. This MOU shall come into force from the date of signature of both the parties;
3. The MOHFW may, if find necessary, postpone or cancel the assignment and/or shorten or extend its duration. However, every effort will be made to give **SGPGIMS Lucknow** as early as possible, notice of any changes. In the event of termination, the shall be paid for the services rendered for carrying out the assignment to the date of termination, and the **SGPGIMS Lucknow**, will provide

- 15
- the MOHFW with any reports thereof, or any other information and documentation gathered under the contract prior to the date of termination.
4. This contract, its meaning and interpretation and the relation between the parties shall be governed by the Laws of Union of India.
 5. All final plans, drawings, specifications, designs, reports and other documents or software submitted by **SGPGIMS Lucknow**, in the performance of the services shall become and remain the property of the MOHFW. The **SGPGIMS Lucknow**, may retain a copy of such documents but shall not use them for purpose unrelated to this contract without the prior written approval of MOHFW.
 6. The **SGPGIMS Lucknow**, undertakes to carry out the assignment in accordance with the highest standards of professional and ethical competence and integrity, having due regards to the nature and purpose of the assignment, and to ensure that the staff assigned to perform the services under the Contract, will conduct themselves in a manner consistent herewith.
 7. The **SGPGIMS Lucknow**, shall pay the taxes, duties fee, levies and other impositions levied under the applicable law and the MOHFW shall perform such duties in regards to the deduction of such tax, as may be lawfully imposed.
 8. The **SGPGIMS Lucknow**, also agrees that all knowledge and information not within the public domain which may be acquired during carrying out of this Contract, shall be, for all time and for all purpose, regarded as strictly confidential and held in confidence, and shall not be directly or indirectly disclosed to any person whatsoever, except with MOHFW's written permission.
 9. The **SGPGIMS Lucknow**, will be responsible for appropriate insurance cover. In this regards **SGPGIMS Lucknow**, maintains workers compensation, employment liability insurance for their staff on the assignment. The **SGPGIMS Lucknow**, shall also maintain comprehensive general liability insurance, including contractual liability coverage adequate to cover the indemnity of obligation against all damages costs to any property arising out of or in connection with the services which result from the fault of **SGPGIMS Lucknow**, or its staff. The **SGPGIMS Lucknow**, shall provide the MOHFW with certification thereof upon request;

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10. In case of any dispute or difference arising out of this MOU or interpretation of the terms and conditions of this MOU both the parties agree to settle the matter through mutual discussion by Project Director, Integrated Diseases Surveillance Project (MOHFW) and Director/Dean of **SGPGIMS Lucknow**, and on failure of such discussions the matter shall be referred to a sole arbitrator to be appointed by both the parties by mutual agreement. The venue of the arbitrator shall be binding on both the parties. The arbitration shall be subject to the provisions of the Arbitrations and Conciliation Act, 1996.
11. This MOU will be operative with effect from the date of its signing by the parties concerned and will remain in force till March 31st, 2019. This MOU may be terminated before the expiry of its term by mutual consent of the parties concerned.
12. The following deliverables are expected from the assignment;
 - I. Collate and analyze data for early warning signals and epidemiological trends.
 - II. Laboratory results should be informed to NCDC on daily/weekly basis.
 - III. Quarterly/Annual project report should be submitted regularly.
13. An amount of up to **Rs. 11.2 lakhs (Rupees eleven lakhs and twenty thousand only)** will be made available by the MOHFW to as advance for one year of operation towards recurring expenditure as under;

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a)	Operating Expenditure covering all expenses of local purchase of plastic wares, supportive reagents and chemicals; AMC of equipment; other contingencies including internet connection, local conveyance for collection of specimen; minor expenditure on photocopy, purchase of stationary and other miscellaneous expenditure.	Rs. 9,40,000/-
b)	Salary of contractual staff i.e. hiring of specialized lab technician @Rs. 15,000/-per month	Rs. 1,80,000/-
	Total	Rs. 11,20,000

14. A non recurring expenditure on equipment as given in Table A has been done while establishing this lab.
15. An annual recurring expenditure on kits as given in Table F of Annex, these would be procured centrally and supplied to the lab.
16. For the purpose of maintenance of accounts relating to above funds, **SGPGIMS Lucknow** shall open a separate savings bank account, maintain books of accounts separately and submit on quarterly basis within 15 days of the close of each calendar quarter, a statement of expenditure with the original payment vouchers, bills paid, purchase orders, etc., to IDSP, New Delhi: which will then be adjusted against the advance paid to **SGPGIMS Lucknow** in the books of IDSP Delhi. While these actual expenditures will be included in the FMR to be submitted to CSU, IDSP; the expenditure will be audited by CAG at the central level as a part of the project expenditure.
17. Non-Compliance of the commitment and obligations set above and/or upon failure of **SGPGIMS Lucknow** to make satisfactory progress may require **MOHFW/ SGPGIMS Lucknow** to review the **SITUATION COMMITTED THROUGH THIS MOU** leading to suspension, reduction or cancellation thereof.


Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow


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In case of unsatisfactory progress in the project, every effort would be made by MOHFW and **SGPGIMS Lucknow** to bring the project back to rail through mutual consultations. In the event of irretrievable situation the funding may be suspended and MOU terminated.

18. The MOU will be valid till March 31st, 2019


IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS AGREEMENT ON THIS 25 DAY OF May (Month) & (Year) 2018

Project Director-IDSP
For & behalf of the Government of India
Ministry of Health and Family Welfare
Directorate General of Health Services,
Nirman Bhawan, New Delhi


Signature of the Head of Institute
DIRECTOR
Sanjay Gandhi Post Graduate
Institute of Medical Sciences
LUCKNOW-226 014, INDIA



Signed in the presence of (Witness)

1. 
Prof. T.N. Dhole
Prof. & Head
Dept. of Microbiology
S.G.P.G.I.M.S., Lucknow

2. 

पी ए बी.एक्स./PABX : 26588980, 26588707, 26589336, 26589745, 26589414
फैक्स/FAX :

तार / GRAM : विज्ञानी / SCIENTI
Web-site : www.icmr.nic.in
E-mail : icmrhqds@sansad



भारतीय आयुर्विज्ञान अनुसंधान परिषद
INDIAN COUNCIL OF MEDICAL RESEARCH

वी. रामलिंगस्वामी भवन, अन्सारी नगर, पोस्ट बॉक्स 4911, नई दिल्ली - 110 029
V. RAMALINGASWAMI BHAWAN, ANSARI NAGAR, POST BOX 4911, NEW DELHI - 110 02

No.VIR/1/2019/ECD-I(Vol-I)

Dated: 15.05.2019

To

The Director,
Sanjay Gandhi Postgraduate Institute of Medical Sciences
Raebareli Road, Lucknow-226014.

Subject: - Sanction and budget allotment for the New Schemes Entitled, "Host determinants of Hepatitis E Disease Severity".

Sir,

In partial modification of this office letter of even number dated 29th March 2019

The Director General of the Council sanctions the above mentioned research scheme initially for a period of one year from 29.03.2019 to 28.03.2020 subject to extension upto the total duration specified in para 3(3) below.

The Director General of the Council also sanctions the budget allotment of **Rs. 15,59,250 (Rupees Fifteen lakh fifty nine thousand two hundred & fifty only)** as detailed in the attached statement for the year 2018-2019.

The grant-in-aid will be given subject to the following conditions:

The payment of the grant will be made in lump-sum to the Head of the Institution. The first installment of the grant will be paid generally as soon as a report regarding the commencement of the project and appointment of the staff is received by the Council.

The staff appointed on the project should be paid as indicated in the budget statement attached.

The approved duration of the scheme **Two years**. The annual extension will be given after review of the work done on the scheme during the previous year.

A report on the progress made will be submitted to the Council as and when called for

21/5/19
3:pm

29/5/Gen
21/5/19

Received
IXIX

FIP/ A Goel
G.F.

Contd/-

Actg Director
Dr. Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow

(18)

2

Budget Statement
(29.03.2019 to 28.03.2020)

The new project entitled, “**Host determinants of Hepatitis E Disease Severity**” under Dr. Amit Goel, Associate Professor, Department of Gastroenterology, SGPGI, Lucknow-226014.

S. No.	Item		Year 1
1	Staff,	JRF @ Rs. 25,000 + HRA 20%	3,60,000
2	Contingency	Contingency grants are requested to cover any unanticipated price rise of research reagents or equipment due to inflation and data recording	25,000
3	Recurring	Funds are requested for DNA extraction kits, Exome sequencing of samples and NGS Services at a commercial provider. Reagents for standard cloning	11,00,000
		Total	14,85,000
4	Overhead 5%		74,250
5	Travel	Travel funds are requested for discussion of project progress and data analysis.	0
		Total	15,59,250

(Rupees Fifteen lakh fifty nine thousand two hundred & fifty only)

File No. VIR/1/2019/ECD-I(Vol-I)
RFC No. ECD/Adhoc/17/2018-19
Dated 29.03.2019


Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow



World Health
Organization

COVERING LETTER
LETTRE D'ACCOMPAGNEMENT

3
GLOBAL
PROCUREMENT AND
LOGISTICS
Block 3510
Jalan Teknokrat 6
63000 Cyberjaya
MALAYSIA
gsc-procurement@who.int

6
WHO Reference/ Référence OMS

WHO Registration 2018/815204-0
Purchase Order 202045323
Unit Reference HS, WCO-I

HU_PROFRakesh Aggarwal
SANJAY GANDHI POST GRADUATE
INSTITUTE OF MEDICAL SCIENCES
LUCKNOW
C Block,SGPGIMS
Raibareilly road
Lucknow
226014
India

AGREEMENT FOR PERFORMANCE OF WORK (APW)

Re: SGPGIMS, Lucknow -To generate evidence and promote the use of safety engineered syringes in therapeutic care in a tertiary care health institution in Uttar Pradesh, India

We are enclosing the Agreement for Performance of Work between the World Health Organization and SANJAY GANDHI POST GRADUATE INSTITUTE OF MEDICAL SCIENCES, LUCKNOW, in the amount of INR 744,500.00 (Seven Hundred Forty-Four Thousand Five Hundred), for conducting the above-mentioned work. We also enclosed two attachment(s) referenced in the Agreement.

Kindly acknowledge your acceptance of this contract by returning the email with a copy of duly signed Purchase Order (all pages).

For any technical questions relating to this Agreement, please contact the responsible technical officer, Chandrakant LAHARIYA, ianariyac@who.int.

Invoicing Instructions for Contractors who are legal entities (Company Contractors):

Invoices must be sent via email to accounts@who.int. Other than invoices, please do not send any enquiry to this email address. You may contact the above responsible technical officer for enquiries.

In order to ensure timely and accurate payment, invoices must include:

- Invoice number
- Purchase Order number against each invoice line;
- Invoice descriptions matching with PO descriptions
- Invoice currency same as the Purchase Order Currency also corresponding with the currency of the bank account provided to WHO;
- Supplier name as in the PO

Invoices shall be clearly readable and stamps or any other additional markings should not obscure the original invoice content. Invoices shall not be handwritten.

On behalf of the World Health Organization, we would like to thank you for your collaboration.

cc: WHO India

WHO Global Service Centre

Concern: SGPGIMS, Lucknow -To generate evidence and promote the use of safety engineered syringes in therapeutic care in a tertiary care health institution in Uttar Pradesh, India

Veillez trouver ci-joint l' Accord pour Exécution de Travaux entre l'Organisation Mondiale de la Santé et SANJAY GANDHI POST GRADUATE INSTITUTE OF MEDICAL SCIENCES, LUCKNOW, pour un montant de INR 744,500.00, vous permettant de mener à bien le travail susmentionné. Veillez également trouver 2 pièce(s) jointe(s) mentionnée(s) dans l'Accord.

Merci de confirmer votre acceptation de ce contrat en nous retournant le courriel et une copie dûment signée du Bon de Commande (complet)

Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow



World Health
Organization

AGREEMENT FOR
PERFORMANCE OF WORK
ACCORD POUR
EXECUTION DE TRAVAUX

GLOBAL
PROCUREMENT AND
LOGISTICS
Block 3510
Jalan Teknokrat 6
63000 Cyberjaya
MALAYSIA
gsc-procurement@who.int

WHO Reference/ Référence OMS

WHO Registration 2018/815204-0
Purchase Order 202045323
Unit Reference HS, WCO-I

Pour toutes questions à caractère technique ayant trait à cet Accord, veuillez contacter le responsable Chandrakant LAHARIYA, lahariyac@who.int.

Instructions concernant la facturation pour les contractants qui sont des personnes morales. (Personne Morale):
Les factures doivent être envoyées par courriel à accountspayable@who.int. Outre les factures, n'envoyez aucune enquête à cette adresse
courrier électronique. Vous pouvez contacter le responsable technique responsable ci-dessus pour toute demande de renseignements.

De manière à garantir un paiement exact et ponctuel, les factures doivent impérativement comporter:

- Le Numéro de facture
- Le Numéro du bon de commande, répété à chaque ligne de facturation
- Des descriptifs des produits identiques à ceux du Bon de commande
- Une devise de facturation identique à celle du Bon de commande et à celle du compte en banque fourni à l'OMS
- Un intitulé de facture (nom de fournisseur) identique à celui du Bon de commande.

Les factures doivent être parfaitement lisibles. Le contenu de la facture ne doit en aucun cas être masqué par un tampon ou tout autre
marquage. La facture ne doit pas être manuscrite.

Au nom de l'Organisation mondiale de la Santé, nous vous remercions de votre collaboration.

cc: OMS India

Centre mondial de services de l'OMS

AGREEMENT FOR PERFORMANCE OF WORK

Sensitivity: Internal & Restricted

Page 1 of 7

Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow



World Health Organization

AGREEMENT FOR PERFORMANCE OF WORK ACCORD POUR EXECUTION DE TRAVAUX

GLOBAL
PROCUREMENT AND
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Block 3510
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MALAYSIA
gsc-procurement@who.int

WHO Reference/ Référence OMS

WHO Registration 2018/815204-0
Purchase Order 202045323
Unit Reference HS, WCO-I

The WORLD HEALTH ORGANIZATION hereby agrees to provide to
L'ORGANISATION MONDIALE DE LA SANTÉ s'engage par la présente à fournir à
SANJAY GANDHI POST GRADUATE INSTITUTE OF
MEDICAL SCIENCES
LUCKNOW
Professor-Gastroenterology
Lucknow
INDIA

The Maximum amount of/Un montant Maximum de: INR 744,500.00 (Seven Hundred Forty-Four Thousand Five Hundred) in respect
of/en vue de: SGPGIMS, Lucknow -To generate evidence and promote the use of safety engineered syringes in therapeutic care in a
tertiary care health institution in Uttar Pradesh, India

For the period financed by this Agreement From/De: 26-JUL-2018
Période du projet financée par le présent Accord To/A: 25-JAN-2019

Summary of work/ Description sommaire des travaux:

Description of work under this Agreement/ Description des travaux faisant l'objet du présent Accord:

SGPGIMS, Lucknow, the contractual partner, shall carry out activities to generate evidence and promote the use of safety engineered syringes in therapeutic care in a tertiary care health institution in Uttar Pradesh, India, under the Terms of Reference at Annex-1 and within the approved budget at Annex-2. These Annexes form an integral part of this agreement.

During the course of the contract and prior to its conclusion, the contractual partner shall ensure to submit the stipulated deliverable mentioned under "Financial arrangements".

Financial arrangements/ Dispositions financières:

Payments will be made as follows/Les versements seront effectués comme suit:

	Deliverable/ Résultat	Due date/ Date remise	%	Currency amount/ Montant en devise
1	Upon submission of countersigned contract.	26-JUL-2018	40 00	297,800.00
2	Upon submission of policy brief on injection uses and practices in UP state	15-SEP-2018	40 00	297,800.00
3	Upon submission of final technical report (both hard and soft copies) and certified Statement of Expenditure (Financial Statement)	25-JAN-2019	20 00	148,900.00

Annexes

The following annexes form an integral part of this Agreement/ Les annexes listées ci-dessous font partie intégrante de l'Accord:

Annex/Annexes	File Name/ Nom du fichier
1	2018/815204 Contractual - Budget Breakdown
2	2018/815204 Contractual - Terms of Reference



World Health Organization

AGREEMENT FOR PERFORMANCE OF WORK ACCORD POUR EXECUTION DE TRAVAUX

GLOBAL PROCUREMENT AND LOGISTICS

Block 3510
Jalan Teknokrat 6
63000 Cyberjaya
MALAYSIA
gsc-procurement@who.int

WHO Reference/ Référence OMS

WHO Registration 2018/815204-0
Purchase Order 202045323
Unit Reference HS, WCO-1

In the event that the annexes contain any provisions which are contrary to the terms of this Agreement, the terms of this Agreement shall take precedence/ En cas de contradiction entre les dispositions des annexes et celles de l'Accord, les dispositions de l'Accord prévaudront dans tous les cas.

The undersigned parties, having read the terms and General Conditions, hereby conclude the present Agreement and confirm their agreement and acceptance thereof.

Les parties soussignées, ayant lu les modalités et les Conditions Générales, ratifient l'Accord et confirment leur acceptation.

ON BEHALF OF WHO/ POUR L'OMS

Responsible WHO Technical Officer:
Fonctionnaire technique responsable de l'OMS:

Chandrakant Lahariya
National Professional Officer
SE_IND WR Office, India

CONTRACTOR/ CONTRACTANT

Signature: 

Date: 31 July 2018

Name & Title/ Nom & Fonction:

RAKESH AGIBARKWAL

Approved by:
Approuvé par:

Hendrik Jan BEKEDAN
WHO Representative
SE_IND WR Office, India

Authorized Signatory:
Signataire autorisé:



Mr. Motohira Ogita
Coordinator
Global Procurement and Logistics
(WHO/GMG/GSC/GPL)

Katerina Gnanapragasam
Senior Procurement Assistant
HQ/GSC Global Service Centre
30-JUL-2018

प्रेषक,

मिशन निदेशक
राष्ट्रीय स्वास्थ्य मिशन
उ०प्र० लखनऊ।

सेवा में,

मुख्य चिकित्सा अधिकारी
लखनऊ।

पत्रांक: एस०पी०एम०यू०/ब्लड सर्वि०/हीमोफीलिया/2018-19/9013

दिनांक 29/11-2018

विषय: हीमोफीलिया टीटमेंट सेन्टर पर संविदा पर कार्यरत मानव संसाधन के मानदेय हेतु धनराशि आवंटन के सम्बन्ध में।

महोदय,

अवगत कराना है कि हीमोफीलिया से ग्रसित मरीजों के जाँच, उपचार एवं प्रवन्धन हेतु के०जी०एम०यू०, एवं एस०जी०पी०जी०आई०एम०एस०, लखनऊ हेतु एच०टी०सी० की स्थापना एवं उन पर संविदा पर 01 जूनियर रेजीडेंट, 01 फीजियोथिपेपिस्ट, 01 परामर्शदाता एवं आउटरोर्स के सपोर्ट स्टाफ एवं डाटा इन्ट्री आपरेटर की स्वीकृत भारत सरकार से प्रदान की गई थी। के०जी०एम०यू०, लखनऊ के क्लिनिकल हिमेटोलाजी विभाग में एच०टी०सी० स्थापित है एवं उस पर संविदा पर मानव संसाधन भी कार्यरत है व एस०जी०पी०जी०आई०एम०एस०, लखनऊ द्वारा अभी एच०टी०सी० हेतु संविदा पर मानव संसाधन पर चयन करना है।

भारत सरकार से पूरक कार्ययोजना 2018-19 के एफ०एम०आर० मद संख्या B.1.15.10. पर प्राप्त स्वीकृत के क्रम में के०जी०एम०यू०, लखनऊ में कार्यरत एच०टी०सी० के मानव संसाधन हेतु 12 माह के मानदेय हेतु रू० 11.52 लाख एवं एस०जी०पी०जी०आई०एम०एस०, लखनऊ के एच०टी०सी० के मानव संसाधन हेतु 04 माह के मानदेय (दिसम्बर 18 से मार्च 19) हेतु रू० 3.83 लाख की धनराशि कुल रू० 15.35 लाख की धनराशि जिला स्वास्थ्य समिति, लखनऊ को निम्नानुसार स्वीकृत की जा रही है। उक्त का व्यय जनपद पर उपलब्ध धनराशि से किया जायेगा एवं डेप के सापेक्ष व्यय का विवरण प्रेषित किया जायेगा।

Institution Name	HR Detail	Total Fund
EGMU Lucknow	01 Junior Residents @ Rs. 43995/month, 01 physiotherapists @ Rs. 21000/month 01 Counselor @ 12600/month for 12 month and lump sum of (Rs. 2.20 lakhs for support staff and DEO) which may be outsourced	11,51,140.00
SGPGIMS Lucknow	01 Junior Residents @ Rs. 43995/month, 01 physiotherapists @ Rs. 21000/month, 01 Counselor @ 12600/month for 04 month and lump sum of (Rs. 73334 for support Staff and DEO) which may be Outsourced	3,83,714.00
कुल धनराशि		15,34,854.00

अतः आपसे अनुरोध है कि उपरोक्तानुसार आवंटित धनराशि के जनपद स्तर पर उपलब्ध धनराशि से सम्यक् चिकित्सा संस्थानों को प्राथमिकता पर हस्तान्तरित करने का कष्ट करें एवं आवंटित धनराशि का समायोजन डेप के सापेक्ष कराना सुनिश्चित करें।

भवदीय

o/c (पंकज कुमार)

मिशन निदेशक

तददिनांक

पत्रांक: एस०पी०एम०यू०/ब्लड सर्वि०/हीमोफीलिया/2018-19/9013-6

प्रतिलिपि निम्न को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित-

1. प्रमुख सचिव, चि० स्वा० एवं परिवार कल्याण, उ०प्र०, शासन।
2. महानिदेशक, चि० शिक्षा, चिकित्सा शिक्षा महानिदेशालय, इन्दिरा भवन, लखनऊ।
3. निदेशक, एस०जी०पी०जी०आई०एम०एस०, लखनऊ को चिकित्सा संस्थान के नियमानुसार प्राथमिकता पर एच०टी०सी० हेतु स्वीकृत संविदा पर मानव संसाधन के चयन हेतु।
4. कुलपति, के०जी०एम०यू०, लखनऊ।
5. डा० ए०के० त्रिपाठी, विभागाध्यक्ष क्लिनिकल हिमेटोलाजी, के०जी०एम०यू०, लखनऊ।
6. जिला कार्यक्रम प्रवन्धक/जिला लेखा प्रवन्धक, जिला कार्यक्रम प्रवन्धन ईकाई, एन०एच०एम० लखनऊ को आवश्यक कार्यवाही हेतु।

o/c (डा० ए०वी० सिंह)

उपमहाप्रवन्धक, ब्लड सेल

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Treatment:

1. Treatment with immunoglobulin via different routes (e.g., subcutaneous and intravenous)
2. Hematopoietic stem cell transplantation (cord blood and bone marrow)
3. Gene therapy

Research:

Research projects to understand the pathogenesis of PID (Basic and Translational). Both fellowships and individual research projects may be funded.

More information on FPID is available at www.fpid.org

Terms and conditions:

Purpose: To set up an SGPGI-FPID Center for diagnosis of PID that will provide free of cost tests for patients with suspected PID

Support: Rs. 5,00,000/annually will be provided to run the laboratory for consumables and manpower. This amount may be increased based upon the need and satisfactory progress report.

Reports: The Recipient will provide 6 monthly report on the progress made

Confidentiality: FPID will protect the confidentiality of information and data provided by the recipient.

Payments: The payments will be made by electronic wire-transfer to SGPGI in the name of **Director, SGPGI (research account)**.

Return of unused funds: Any grant that remains unutilized may be carried over for following year and adjusted into following year budget.

Compliance: The FPID reserves the right, in its sole discretion to discontinue the project grant program if the foundation is not satisfied with the progress of the grant or the information reported by the recipient.

Prohibited activities: The money provided by FPID will be used for the sole purpose for which it is to be used and in no circumstances will it be used for any other purpose.

Dispute Resolution: All disputes will be resolved by mutual discussion.

Duration of MOU: 5 years

Project commencement:

This MOU will become effective on the date that it is fully executed by both **FPID** and the **Recipient**. The FPID reserves the right, in its sole discretion to discontinue the project grant program if the foundation is not satisfied with the progress of the grant or the information reported by the recipient. In the event of such termination the FPID will provide recipient with written notice of termination documenting the reason for termination.

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Other elements of this agreement

Any notice required by the MOU shall be sent in writing by certified mail addressed in the case of FPID to:

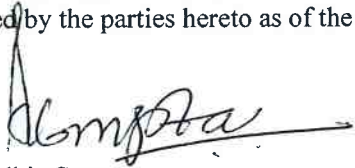
Dr Sudhir Gupta
2 Geneve, Newport Beach, CA 92660, USA

And in the case of recipient by courier mail to the address below:
The Director, SGPGI, Lucknow 226014, India

This MOU represents the complete agreement between the parties regarding its subject matter and supersedes all prior written or oral communications, representations and agreements regarding the same subject matter. This MOU may be amended or modified only in a written document signed by duly authorized representatives of FPID and recipient. This MOU may be executed in two or three counterparts, each of which will be deemed an original. If any provision of this MOU is held unenforceable for any reason, than unenforceability shall not affect the enforceability of any other provision of this MOU and the parties will negotiate in good faith to substitute an enforceable provision with similar aims.


Executed by the parties hereto as of the date set forth

FPID



Prof Sudhir Gupta
Co-founder and Chairman, Board of Directors
Date _____

Recipient



DIRECTOR
Sanjay Gandhi Post Graduate
Institute of Medical Sciences
LUCKNOW 226 014, INDIA

Date _____



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Title of the Project: A study of seizures in tuberculous meningitis with emphasis on the role of glutamate excitotoxicity .

PI: UK Misra

Professor, Department of Neurology, SGPGIMS, Lucknow

Co PI: J Kalita

Professor, department of Neurology, SGPGIMS, Lucknow

Introduction: Tuberculous meningitis (TBM) is the commonest central nervous system (CNS) infection in the developing countries. Seizures in TBM occur in a large number of patients which ranges between 17% -93%.[1] Seizures in TBM may occur as a presenting feature, in beginning, early or late stage of TBM. The etiology of seizures in TBM is multifactorial. The majority of studies on seizures in TBM have evaluated the frequency, and clinico-radiological correlation. Seizures in TBM may be attributed to meningeal irritation, cerebral oedema, tuberculoma, infarction, hydrocephalus, or metabolic alteration in isolations or in combinations. Seizures may be related to the severity of TBM.

Glutamate is an important excitotoxin having important role in brain function in health and disease. Excess of glutamate in stroke has been associated with poor outcome.[2] Amongst the N-methyl D- aspartate (NMDA) receptors, NR1, NR2A and NR2B are the main component of heteromeric NMDA receptor which are mainly distributed in frontal and hippocampal cortex.[3] In CNS infections, because of oxidative stress, ER stress and up regulation of proinflammatory cytokines, glutamate release may be increased. Excess of glutamate may result in increased excitability and neuronal damage resulting in seizures and cell death. There is no study evaluating the role of excitotoxic injury in the pathogenesis of seizures and outcome of TBM.

Hypothesis: It is assumed that in the patients with TBM having seizures are likely to have greater excitotoxicity (glutamate level and receptors) which may result in poor outcome of TBM patients compared to those without seizures

Aim:

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1. To evaluate the frequency, type and burden of seizures in TBM and their effect on the outcome.
2. To compare the serum glutamate levels and its receptors in the patients with and without seizures and their relation with severity and outcome of TBM patients.

Subject and methods:

Setting: This study will be conducted at Department of neurology, Sanjay Gandhi PGIMS.

Inclusion criteria: All the patients diagnosed with TBM will be included prospectively.

Diagnosis of TBM: The diagnosis of TBM will be based on clinical, MRI and CSF criteria.[4]

1. **Essential criteria:** Features suggestive of meningitis (one or more of the following: headache, irritability, vomiting, fever, weight loss, neck stiffness, convulsions, focal neurological deficits, or altered consciousness) for more than 5 days.

2. **Supportive criteria:**

(a) CSF cells of 10–500/ μ L, with predominant lymphocytes (>50%), protein 1 g/L and sterile bacterial and fungal culture.

(b) CT or MRI imaging showing evidence of exudates, infarction, hydrocephalus or tuberculoma in isolation or in combinations.

(c) Evidence of extra CNS tuberculosis (chest radiograph suggestive of active tuberculosis or CT/ MRI/ ultrasound evidence for tuberculosis outside the CNS or Acid Fast Bacillus (AFB) identified or *Mycobacterium tuberculosis* cultured from another source i.e. sputum, lymph node, gastric washing, urine, blood culture).

(d) Exclusion of alternative diagnoses.

Criteria for definite and highly probable TBM: Essential criteria with two supportive criteria were defined as highly probable TBM; and presence of acid fast bacilli in CSF smear, positive CSF culture or polymerase chain reaction (PCR) for *M. tuberculosis* was considered definite TBM.[5]

Classification of seizures: The seizures will be categorised according to the recent ILAE Classification of Seizures.[6] The frequency and duration of seizure including status epilepticus will be noted.

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To circumvent the variability of the time to admission (i.e. duration of symptoms), seizures were also classified as Presenting, early onset (within 1 month) and late onset (after 1 month) based on the relationship to the onset of meningitis symptoms.

Seizures will also be classified based on their "most probable aetiology" as follows: related to meningeal irritation, tuberculomas, infarction, metabolic (hyponatremia), and hydrocephalus. Patients with multiple possible causes not attributable to any of the above were classified as "multiple aetiologies".

Clinical evaluation: The patients will be subjected to a detailed medical history and physical examination. History of vomiting, diarrhoea and drug intake (carbamazepine, mannitol and acetazolamide) was noted. Consciousness will be assessed by Glasgow Coma Scale (GCS). The severity of TBM was categorized as stage I (meningitis only), stage II (meningitis with focal neurological deficit or GCS score between 11 and 14) and stage III (meningitis with GCS score < 11) using British Medical Research Council criteria.[7]

Investigations: The laboratory investigations will include haemoglobin, erythrocyte sedimentation rate, serum bilirubin, alkaline phosphatase, transaminases, creatinine, fasting and postprandial blood sugar, HIV serology, radiograph of chest, and abdominal ultrasonography. Cerebrospinal fluid (CSF) will be examined for protein, cells, glucose, bacteria, fungi, malignant cells and smear (using Ziehl - Neelsen method), culture (Lowenstein-Jensen medium, LJ) or polymerase chain reaction (PCR) for *M.tuberculosis*. Hyponatremia will be diagnosed if serum sodium < 135 mEq/L in 2 consecutive reports 24 hours apart. Cranial computerized axial tomography (CT, Siemens, West Germany) scan and/or MRI (Signa GE Medical System, Wisconsin, USA) will be done in all the patients at admission and will be repeated as needed.

Management: The patients with TBM will be treated with four drug anti-tubercular treatment (ATT) (rifampicin, isoniazid, pyrazinamide and ethambutol) for 6 months followed by two drugs (rifampicin, isoniazid) for next 12 months. Prednisolone 0.5 mg/kg/day will be prescribed for 1 month followed by taper in the next month. Aspirin 150 mg/day will also be prescribed for prevention of stroke. The seizures will be treated with nonenzyme inducing antiepileptic drugs such as levetiracetam or lacosamide; clobazamin uncontrolled patients: Status epilepticus will be treated with intravenous lorazepam followed by levetiracetam.

Sample collection and plasma glutamate and its receptor assay: Plasma glutamate level will be measured in TBM patients and 30 healthy age and gender matched controls. Five ml

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venous blood samples will be collected in a EDTA vial. Plasma separation will be performed at 1000 g over 15 min at 4°C and stored at -20°C until use. Plasma glutamate level will be measured using the Amplex Red Glutamic Acid/Glutamate Oxidase Assay kit (cat no. A12221, Invitrogen, U.S). For glutamate measurement, L-glutamic acid is oxidized by glutamate oxidase to produce α -ketoglutarate, NH_3 and H_2O_2 . L-Alanine and L-glutamate - pyruvate transaminase will be included in the reaction to regenerate L-glutamic acid by transamination of α -ketoglutarate, resulting in multiple cycles of the initial reaction and a significant amplification of the H_2O_2 produced. The hydrogen peroxide reacts with 10-acetyl-3,7- dihydroxyphenoxazine (Amplex® Red reagent) in a 1:1 stoichiometry in the reaction catalysed by horseradish peroxidase (HRP) to generate the highly fluorescent product, resorufin and was determined by a fluorescence micro plate reader (BioTek synergy HT, software Gen5) using excitation at 530 ± 12.5 nm and fluorescence detection at 590 ± 17.5 nm.

B) RT-PCR study for Glutamate receptors: RNA will be isolated from the blood samples by kit method (Nucleo-Pore GRNA blood kit) and the concentration and integrity of the RNA will be determined by measuring the absorbance at 260 and 280 nm by spectrophotometer.

Total RNA will be reversely transcribed to c-DNA using a high-capacity c-DNA reverse transcription kit (Thermo Scientific Revert Aid First Strand cDNA Synthesis Kit). Equal amount of mRNA will be taken from all samples to convert c-DNA and amplified by RT-PCR. **Receptor expression by reverse transcriptase polymerase chain reaction (RT-PCR):**

Amplified cDNA will be analysed in Real time machine after optimising the primer conditions and the PCR cycle will be carried out by following steps:

1. Denaturation 94°C for 10 min.
2. Amplification for 45 cycles (95°C for 10 s; 56°C for 10 s and 72°C for 20 s).

Expression of all genes will be normalized to the expression of GAPDH (housekeeping gene). The Cp value of gene will be used for calculation of fold expression of gene.

The 10 μl of sybergreen (Applied biosystem), 0.5 micromolar Forward and Reverse primer, 5 μl cDNA and 4 μl of water are used for amplification of 20 μl one well reaction. RT-PCR was performed on Roche system (Light cycler 480). For -

NMDA NR1 - Forward AGGAACCCCTCGGACAAGTT

Reverse CTCTCCAGTCGTCACCAGGT

NR-2A -Forward TGGACGTGAACGTGGTAGC

Reverse CCCCCATGAATGCCCAAGAT

NR-2B- Forward TTCCGTAATGCTCAACATCATGG

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Reverse TGCTGCGGATCTTGTTTACAAA

Follow up and outcome: Death and its possible cause will be noted. The patients will be followed up at 1, 3 and 6 months or earlier if indicated. Occurrence of breakthrough seizure and new onset seizure during follow up and its possible cause will be noted. Outcome will be defined at 6 months based on modified Rankin Scale (mRS) as good (mRS<3) and poor (mRS≥3). At follow up, neurological status including cognitive functions will be recorded.

Number of patients: 100 patients with TBM will be recruited and will be followed up till 6 months

Statistical analysis: The relation of glutamate and its receptors with death, disability and cognitive function will be evaluated by using appropriate statistical tests. The glutamate and its receptor levels will be compared between patients and controls as well patients with and without seizures. Statistical analysis will be done using SPSS 16 version software. A two tailed P value of <0.05 will be considered significant.

RNA will be isolated from the blood samples using kit method (NUCLEO-PORE GRNA blood kit) and the concentration and integrity of the RNA will be determined by measuring the absorbance at 260 and 280 nm by spectrophotometer. Total RNA will be reversely transcribed to c-DNA using a high-capacity c-DNA reverse transcription kit (Thermo Scientific Revert Aid First Strand cDNA Synthesis Kit). Equal amount of mRNA will be taken from all samples to convert c-DNA and amplified by RT-PCR.

NR1, NR2A and NR2B Receptor expression will be quantified using reverse transcriptase polymerase chain reaction (RT-PCR).



References:

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1. Patwari AK, Aneja S, Ravi RN, Singhal PK, Arora SK. Convulsions in tuberculous meningitis. *J Trop Pediatr*. 1996 Apr;42(2):91-7.
2. Arundine M, Tymianski M. Molecular mechanisms of glutamate-dependent Neurodegeneration in ischemia and traumatic brain injury. *Cell Mol Life Sci*. 2004;61(6):657-68.
3. Marie L. Blanke and Antonius M.J. VanDongen. Activation Mechanisms of the NMDA Receptor. Van Dongen AM, editor. Boca Raton (FL): CRC Press/Taylor & Francis; 2009.
4. Marais S, Thwaites G, Schoeman JF, et al. Tuberculous meningitis: a uniform case definition for use in clinical research. *Lancet Infect Dis* 2010; 10(11): 803-12.
5. Kalita J, Misra UK, Prasad S, Bhoi SK. Safety and efficacy of levofloxacin versus rifampicin in tuberculous meningitis: an open-label randomized controlled trial. *J Antimicrob Chemother*. 2014 Aug;69(8):2246-51.
6. Robert S. Fisher, Maslah Saul .The 2017 ILAE Classification of Seizures .ILAE; 2017.
7. British Medical Research Council. Streptomycin in tuberculosis trials committee: streptomycin treatment of tuberculous meningitis, *Lancet* 1948; 1(6503): 582-596.

Budget:

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First Year				
S.NO.	Items	Rate/Units	No. of Units	Total
1	Glutamate oxidase assay kit	18000	1	18,000.00
2	C DNA kit	29000	2	58,000.00
3	RNA isolation kit	30000	2	60,000.00
4	ROS syber green	15000	3	45,000.00
5	Fellowship	15000	12 months	1,80,000.00
6	Consumable/Contingency	30000		30,000.00
	Total			3,91,000.00
Second Year				
S.NO.	Items	Rate/Units	No. of Units	Total
1	Glutamate oxidase assay kit	18000	1	18,000
2	C DNA kit	29000	1	29,000
3	RNA isolation kit	30000	1	30,000
4	ROS syber green	15000	2	30,000
5	Fellowship	15000	12 months	1,80,000
6	Consumable/Contingency	30000		30,000
	Total			3,17,000.00
	Total Budgets (1 st & 2 nd year)			7,08,000.00