

RESEARCH

Completed: ONLY AS PRINCIPAL INVESTIGATOR

S.No	Project Title	Source of Funding	Year	Total Amount
1	Comparative Trial of Ayurvedic And Allopathic Treatment For Spasticity And Paralysis- A Randomized Controlled Study	Indian System of Medicine (ISM) Ministry Health &FW	2000	Rs. 15 lacs
2	Evaluation of Temporal Lobe Epilepsy using C-11 –Flumazenil and 18–F- FDG PET	Wallace Kettering Neurosciences CenterKettering, USA	2000	\$ 40,000.00
3	Retrospective Comparative Study of Human Glioma, Brain Tumors- PET data analysis of different tracers(18F-FDG; Methionine, Choline) In Brain tumors.	Department of NuclearMedicine, Kettering Medical Center, Kettering, USA.	2000	\$ 20,000.00
4	Open-label randomized trial to evaluate the efficiency of AYUSH-56 as add-on drug in intractable partial epilepsy.	Indian Systems of MedicineMinistry of Health & FamilyWelfare	2002	Rs. 6 Lacs
5	Stroke Risk Factors and SubtypesIn High Altitudes: A Prospective Study in Ladakh	Ladakh Autonomous Hill Development Council	2004	No funding
6.	An Open Label, Randomized, Parallel Group,Multicenter Study To Evaluate the Efficacy and Safety of Enoxaparin Versus Unfractionated Heparin in the prevention of Venous Thromboembolism In Patients Following Acute Ischemic Stroke.	The PREVAIL study Aventis Pharma	2004	
7.	Autologous Intra-arterial infusion of bone marrow stromal cells (BMCs) for Static encephalopathy	DST	2007	Rs. 23 lakhs
8.	Normobaric Oxygen therapy in acute ischemic stroke: A pilot study in Indian patients.	ICMR	2007	Rs. 22 lakhs

9.	Stroke Survey and Incidence of Recurrent Stroke After Coversyl Based Treatment in Indian Clinical Practice: The PROTECT study	Serdia	2003-04	Rs. 2 lakhs
10.	Effects of Non ionizing Electro Magnetic field (EMF) on human heal.	ICMR	2010-2020	Rs 21,966,626
11.	Predicting functional Outcome after acute Stroke: Evaluation of a module of clinic-radiological parameters and growth factors in Asian Indians.	DST	2012-2015	Rs. 42,19000
12.	INDO US collaborative Stroke Registry and Infrastructure Development (N 1410)	DBT		Rs. 16,15,600/-
13.	Study on role of intensive physiotherapy and TMS on growth factors as biomarkers for stroke recovery.	ICMR	2012-2015	Rs. 38,88,108
14.	Comparative trials of constrained induced movement therapy (CIMT) and CIMT with transcranial magnetic stimulation(TMS) for patients with stroke measured on disability outcome scales and functional imaging	DST	2013-2016	Rs. 42,74,890
15.	ATTEND Trial-Family led rehabilitation after stroke in India	National Health and medical Research Council Australia	2013-2016	Rs 16,15,000
16.	Knowledge, Attitude And Practices About Epilepsy And Stroke In Ladakh: Training And Dissemination Of Information To Community, Teachers, School Children And Paramedical Staff	DST	2014-2016	Rs. 29,10,000
17.	Study of Paracrine Mechanisms of autologous Stem cells Transplantation in stroke using bio-functional markers (Mentor to the DST Inspire Faculty Awardee)	DST	2013-2018	Rs. 35,00,000

18.	Development of diagnostic grid for prediction of infarction in patients with tuberculous meningitis.	DST	2015-2019	Rs. 59,99,040
19	Randomized, double-blind evaluation in secondary stroke prevention comparing the efficacy and safety of the thrombin inhibitor dabigatranetexilate 110 or 150 mg (twice daily) versus acetylsalicylic acid (100 mg once daily) in patients with embolic stroke of undetermined source (ESUS 1160.189).	Boehringer Ingelheim Pvt Ltd	2016-2019	Rs 51,00,000
20	Effect of Dual-Task Exercise in Conjunction with Fluoxetine & Transcranial Direct Current Stimulation (tDCS) on Postural Stability and Gait in Stroke Patients.”	ICMR	2017-2019	Rs 50,60,406
21	Mapping, Researching And Addressing The Gaps In Scientific Awareness & Health Practices Regarding Stroke In Hp: Applying Novel, Interactive/Demonstrative Science Communication	DST	2016- 2019	Rs 40,45,020
22	Effect Of Yoga On Physical, Physiological And Functional Health In Post Stroke Recovery: A RCT	DST	2017- 2019	Rs 43,23,840
23	Understanding and facilitation of neural plasticity for enhancing post stroke recovery using low cost non-invasive brain stimulation techniques	DHR	2017-2020	Rs 48,00,000/-
24	A 12 Week double blind, randomized multi-centric study comparing the efficacy and safety of once monthly subcutaneous AMG 334 against placebo in adult	NOVARTIS	2018-2019	Rs 90,815/-

	episodic migraine patients (EMPOWER)			
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ON-Going: As PRINCIPAL INVESTIGATOR:

25	Is Air Pollution and climate change a Stroke Risk Factor? with special reference to Stroke in Young Indians and ischemic stroke subtypes: A multi-center study	DST	2018-2022	Rs59,11,164
26	The National Institute for Health Research Global Health Research Group on improving stroke care in India at The University of Central Lancashire.IMPROVIngStrokeCareIn India (IMPROVISE).	NIHR-UCLAN-UK	2018-2022	Rs42,00,000
27	Improving stroke care in india-Advancing the operations and network (IMPROVISATION)	NIHR-UCLAN-UK	2021-2022	Rs13,70,000
28	EFC16035/PERSUS EFC16045/HERCULES	SNOFI	2021-2024	Rs12,00,000(per patient)

Recently Approved & Ongoing Projects (as Principal Investigator)

- Center For Advanced Research and Excellence (Care): Center for Neuro-assistive Technologies for Stroke Recovery
Collaborators: Biomedical Engineering Department, IIT Delhi
Funding Agency: ICMR. **Rs. 5 crores**
- SMRUTI: Strategic Multimodal Intervention in at-risk Elderly Indians for Prevention of Dementia (SMRUTHI INDIA): A cohort multiple randomised controlled trial (cmRCT)” (Taskforce Multicentric project proposals in MRU/MHRU facilities).
Funding Agency: ICMR
- Smartphone based Telestroke Vs ‘Stroke Physician’ led Acute Stroke Management (SMART INDIA): A cluster randomized trial.
Funding Agency: DHR **Rs. 2.5 crores**
- ICGMND:** Chairman of the International Center for Genomic Medicine for Neuromuscular Diseases for AIIMS, India in a MOU with UCL, London, UK.

Total Publications: = 345
Total Citation Index: 7108
I10 Index: 144
H Index: 58

BOOKS AUTHORED

1. **M.V.Padma, V. Singh (Eds).** Cerebrovascular Disorders. 2005.
2. **M.V.Padma, M.M.Mehndiratta (Eds).** Frontiers in Stroke- present and future. 2004
3. **M.V. Padma.** STROKE: A Handbook for Patients & Care giver.
4. **M.V.Padma, Majaz Moonis (Eds).** Controversies in Stroke, 2012.
5. **M.V.Padma, R.Bhatia, (Eds).** Multiple Sclerosis, 2014
6. **M.V.Padma, R. Bhatia (Eds), Multiple Sclerosis and related Disorders, 2 nd edition, 2021.**

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