

File No. BT/PR17127/NER/95/453/2015
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER/BPMC)

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003
Dated: 13/7/2017

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 under 'DBT's Twinning programme for the NE' titled "Investigating the molecular basis of anti-parkinsonian effects of Garcinol - a phytoconstituent of *Garcinia* sp. in animal model of Parkinson's disease" by Dr. Anupom Borah, Assam University, Silchar and Prof. Rajat Sandhir, Panjab University, Chandigarh at a total cost of ₹ 101.07 Lakhs (Rupees One Crore One Lakhs and Seven Thousand Only) for a period of three years, on the terms and conditions detailed as under:

2.0 The Project:

2.1 Project Title: Investigating the molecular basis of anti-parkinsonian effects of Garcinol - a phytoconstituent of *Garcinia* sp. in animal model of Parkinson's disease

2.2 Project Investigators

2.2.1 Principal Investigator: Dr. Anupom Borah,
(Parent Institute) Assistant Professor
Dept. of Life Science and Bioinformatics,
Assam University, Silchar-788011, Assam

2.2.2 Principal Investigator: Prof. Rajat Sandhir,
(Collaboration Institute) Professor,
Dept. of Biochemistry
Panjab University, Chandigarh-160014

2.3 Objectives:

2.3.1 Assam University, Silchar:

1. To investigate the neuroprotective effects of garcinol if any in animal model of Parkinson's disease.
2. To assess the dopamine restorative potency of garcinol in *in vitro* and *in vivo* system as well as in animal model of Parkinson's disease.
3. To assess the role of garcinol in preventing hyperhomocysteinemia in animal model of Parkinson's disease.

