



YENEPOYA

(DEEMED TO BE UNIVERSITY)

Recognized under Sec 3(A) of the UGC Act 1956

Accredited by NAAC with 'A' Grade

Details of the Collaborative Activity

2020-21

Name of the Collaborating Institute: Central Marine Fisheries Research, Kochi

Name of the Collaborating Department: Yenepoya Research Center

Activities:

Joint Research Project –Extramural (ICMR)

A joint research Project “Molecular changes/damages, in the ocular surface associated stem cell populations in response to acute exposure to Ultra violet radiation (UVR) dose ranges and amelioration using novel epigallocatechin gallate (EGCG) analogs from marine sources: an in vitro study” was formulated by Dr. Bipasha Bose and Dr. Sudhir Shenoy from YRC and Dr. Kajol Chakraborty from CMFRI, Kochi. The same was technically approved by ICMR.

ATTESTED

Dr.Gangadhara Somayaji K.S.
Registrar
Yenepoya(Deemed to be University)
University Road, Derlakatte
Mangalore- 575 013, Karnataka



Bipasha Bose <bipasha.bose@gmail.com>

Your submission titled 'Molecular changes/damages, in the ocular surface associated stem cell populations, in response to, acute exposures to ultraviolet radiation (UVR) dose ranges and amelioration using novel Epigallocatechin gallate (EGCG) analogs from marine sources: an in vitro study', Technically Approved

2 messages

icmr@cdac.in <icmr@cdac.in>
To: Bipasha.bose@gmail.com

Mon, Apr 6, 2020 at 11:54 AM

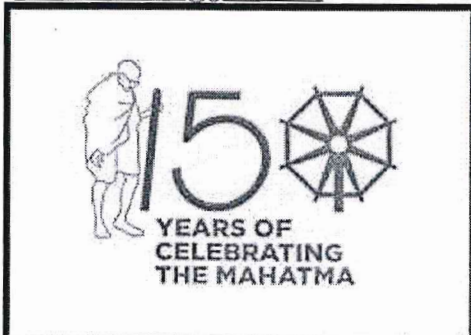
Dear DR. BIPASHA BOSE,

This has reference to your submission id 2020-0386 with title **Molecular changes/damages, in the ocular surface associated stem cell populations, in response to, acute exposures to ultraviolet radiation (UVR) dose ranges and amelioration using novel Epigallocatechin gallate (EGCG) analogs from marine sources: an in vitro study.** Your proposal has been technically approved.

Please upload required documents for Codal Formalities, for which the list is available on Online ICMR Extramural Portal.

With best regards ,
ICMR Team

This is a system generated mail. Please do not reply to it. For Any Further Correspondence please contact only at "onlineicmrteam@gmail.com / 011-26588590".



ATTESTED

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Dr. Gangadhara Somayaji K S
Registrar
Yenepoya (Deemed to be University)
University Road, Deralakatte
Mangalore 575 018, Karnataka.

Bipasha <bipasha.bose@gmail.com>
To: Bipasha Bose <Bipasha.bose@yenepoya.edu.in>

Mon, Apr 6, 2020 at 7:58 PM

Bipasha Bose, PhD

Associate Professor
In-Charge,
Stem Cells and Regenerative Medicine Centre

Investigator Duties

The proposed project will be carried out as a collaborative study amongst the PI's team and Co-PI's team (Dr Sudheer Shenoy P) *from the same institute*. Dr Shenoy and his team have excellent technical expertise with primary cells. However, the PI Dr Bose and her team have excellent expertise with flow cytometric cell sorting and molecular techniques. Moreover, the PI Dr Bose has already published in the field of ocular stem cell biology.

Regarding *intra-institutional collaboration*, the Co-PI Dr Kajal Chakraborty and his team has isolated EGCG analogs from marine sources and established their work on various cancer cell lines (Unpublished results) The Co-PI's team has indeed published excellent results on anti-inflammatory and anti-hypertensive role of various other marine polyphenols in cancer cells. Valuable inputs regarding the dose and kinetics of both the EGCG analogs provided by Dr Chakraborty will be extended by his team.

ATTESTED

Dr. Gangadhar Somayaji K S
Yenepoya (Deemed to be University)
University Road, Yenepoya
Mangalore 575 001, Karnataka.

Name of PI : DR. BIPASHA BOSE

ICMR : ADHOC APPLICATION

Date of Submission : 2020-01-07 19:41:09.0

Proposal ID : 2020-0386

Indian Council of Medical Research
APPLICATION FOR AD-HOC PROPOSAL

Name (IN BLOCK LETTERS):	DR. BIPASHA BOSE
Gender:	F
Date of Birth of PI:	02-Apr-1972

DSIR Certificate Validity Date:	31/03/2021	Nature of Employment	Permanent
superannuation:	30/04/2037	Type of Institute:	Private
Have you received any funding for research project for ICMR as Principal Investigator:			NO
Have you received any funding for research project as Principal Investigator from any other Govt agency/Private Organization either national or international:			YES

ATTESTED
Dr. Gangadhara Somayaji K S
Registrar
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Mangalore 575 010, Karnataka.

* Please ignore sections which shows only heading's followed by line. Its because you haven't provided any data in corresponding sections.

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Name of PI : DR. BIPASHA BOSE

ICMR : ADHOC APPLICATION

Date of Submission : 2020-01-07 19:41:09.0

Proposal ID : 2020-0386

Awards and/or Honours Details

S.No	Awards and honours	Year
1	European Molecular Biology (EMBO) Travel Grant for EMBO workshop titled,EMBO workshop titled, Molecular mechanisms of Developmental and Regenerative Biology, Singapore	2018
2	Training award from BIRAC, DBT, Govt of India, to undergo training in the Centre for Excellence in Biopharmaceutical Technology in IIT, Delhi	2019
3	Travel Grant from Department of Science and Technology, for participation in the training programme on proteomics for women scientists in India conducted at Banaras Hindu University, Varanasi, India	2017
4	International Travel Grant from DST, Govt of India for invited oral presentation in the 5th International Conference of Tissue Engineering and Regenerative Medicine, Berlin, Germany	2016
5	Travel Grant from DBT to participate in the Young Investigators Meet	2016

Details of CO-PI

Name	Designation	Department	Institute/Organizations address	Email	Mobile No
Dr. Bipasha Bose	Senior Scientific Officer/Asst. Prof	N.A	Yenepoya University	Bipasha.bose@gmail.com	9730889609
Dr. Kajal Chakraborty	SENIOR SCIENTIST	N.A	CENTRAL MARINE FISHERIES RESEARCH	chakrabortycmfri@gmail.com	9446418432

Details of Co-Investigators

S.No	Name	Designation	Department/Institute/Organization's	Email	Mobile No.	Academic Qualifications	Total number of publications
1	Sudheer Shenoy P	Associale Professor	Yenepoya University, Dakshina Kannada, Karnataka	shenoy2000@yahoo.com	9108585282	PhD	22

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Proposed Budget (in Rs.)

Year	PI Name	Manpower	Equipment	Recurring	Travel	Overhead Charges	Total
Year : 1	Dr. Bipasha Bose	432000.00	210000.00	600000.00	50000.00	45000.00	1337000.00
	Dr. Kajal Chakraborty	0	0	200000.00	20000.00	0	220000.00
Year : 2	Dr. Bipasha Bose	432000.00	0	500000.00	50000.00	18000.00	1000000.00
	Dr. Kajal Chakraborty	0	0	100000.00	20000.00	0	120000.00
Year : 3	Dr. Bipasha Bose	432000.00	0	500000.00	50000.00	18000.00	1000000.00
	Dr. Kajal Chakraborty	0	0	100000.00	20000.00	0	120000.00

Total Budget (in Rs) :

37,97,000.00


ATTESTED

Dr. Gangadhara Somayaji K.S.
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