

**Minutes of the 16th Meeting of the Board of Studies of NBRC
held on 21st January, 2020 at 10.30 am. at NBRC, Manesar**

The 16th Meeting of the Board of Studies of NBRC was held on 21st January, 2020 at NBRC. The following members attended the meeting:

1. Prof. Neeraj Jain Director, NBRC	Chairman
2. Prof. Kunzang Chosdol AIIMS, New Delhi	Member
3. Dr. Sushil Kumar Jha JNU, New Delhi	Member
4. Prof. Soumya Iyengar NBRC, Manesar	Member
5. Prof. Ellora Sen NBRC, Manesar	Member
6. Prof. Ranjit Giri NBRC, Manesar	Member
7. Dr. Anindya Ghosh Roy NBRC, Manesar	Member
8. Dr. Arpan Banerjee NBRC, Manesar	Member
9. Dr. Dipanjan Roy NBRC, Manesar	Member
10. Dr. Sourav Banerjee NBRC, Manesar	Member

Item No. 16(1): Welcome by the Chairman, Board of Studies

Prof. Neeraj Jain, Chairman, BOS, welcomed the Members to the 16th meeting of the BOS.

Item No. 16(2): Confirmation of the minutes of the 15th meeting of the BOS held on 06th September, 2018

As there were no comments received from the members of BOS, the minutes of 15th meeting of BOS was confirmed (**Annexure_A**).

Item No. 16(3): Action taken on the recommendations made by BOS in its 15th meeting

BOS members reviewed the action taken on the recommendations made in the 15th meeting of BOS and noted its implementation.

Item No. 16(4):

Approval of Doctoral Committees for Ph.D. Students (2018 batch) and M.Sc. students who opted M.Sc.-Ph.D. Integrated program in 2019.

BOS approved the Doctoral Committee for the following students of Ph.D. 2018 batch and M.Sc. students who opted M.Sc.-Ph.D. Integrated program in 2019 as proposed:

1. Ms. Dipanjana Banerjee
2. Ms. Kamakshi Garg
3. Ms. Partika
4. Ms. Stuti Mohapatra
5. Ms. Gargi Majumdar
6. Ms. Khushboo Punjabi
7. Ms. Shalini Sharma
8. Mr. Azman Akhter
9. Ms. Kirti Saluja
10. Ms. Guneet Kaur
11. Ms. Pallavi Singh

The approved list of Doctoral Committees is enclosed as **Annexure-B**

Item No. 16(5)

Approval of panel of examiners for evaluation of Ph.D. thesis

BOS approved the panel of examiners for evaluation of Ph.D. thesis of the following students as proposed.

1. Mr. Pruthvi S.G
2. Ms. Uzma Din
3. Ms. Utkarsha A.Singh
4. Ms. Pooja Parishar
5. Mr. John Thomas
6. Mr. S.Balakumar
7. Ms. Sarbani Samaddar
8. Mr. Kautuk Kamboj
9. Mr. Tushar Arora

(Annexure C-1 to C-9)

Item No. 16(6):

Ratification points:

The board of Studies ratified the following points:

Revised Doctoral Committee of following students
Annexure-D

(i)

1. Ms. Guncha Bhasin
2. Mr. Indrajith R.Nair
3. Ms. Shankamala Sen

4. Mr. S.Balakumar
5. Ms. Sarbani Samaddar
6. Mr. Gourav Sharma
7. Mr. Sandeep Kumar
8. Ms. Pooja Parishar
9. Mr. Atanu Datta
10. Ms. Arti Kumari
11. Mr. Raghav Shankar
12. Mr. G.Vinodh Kumar

(ii) The list of the Doctoral Committees for following Ph.D. students (2017 batch) and M.Sc. students who opted M.Sc.-Ph.D Integrated program in 2018 **Annexure-E**

1. Mr. Karthick R
2. Ms. Shivangi Sharma
3. Mr. Abhishek Singh Narvaria
4. Ms. Vanshika Singh
5. Ms. Nisha Chetana Sastry
6. Ms. Sunanda Sharma
7. Ms. Deepti Dama
8. Ms. Ritu Moni Borah
9. Mr. Anagh Pathak
10. Ms. Kirti

(iii) List of examiners for evaluating the thesis of the following students is appended as **Annexure_F-1 to F-6**

- (a) Ms. Reshma Bhagat
- (b) Mr. G.Vinodh Kumar
- (c) Mr. Bharat Prajapati
- (d) Mr. Touseef Ahmad Sheikh
- (e) Mr. Shashi Shekhar Kumar
- (f) Mr. Naman Vatsa

Item No. 16(7): Clinical Neuroscience:

BoS approved the proposed Course Format and the Lecture Content. BoS suggested the Registrar to ensure that the number of credits for the course in the new format should be as per the guidelines. It was also suggested that the distribution of marks for the clinical neuroscience examination to be – a) written examination for 80 marks b) seminar by students for 20 marks. It was decided that the written examination should be a mixture of MCQ and written answer type questions, with MCQ section of not more than 20 marks.

Item No. 16(8): Setting up question paper by NBRC faculty:

The BOS discussed pros and cons of setting up the final question papers by the NBRC faculty. The consensus view was that the question papers set by NBRC faculty will better reflect the course content. The Board also opined that setting up question paper by an outside faculty is primarily based on curriculum provided that can lead to difficulties in accurately

reflecting the course content. However, the members cautioned that it is essential that the paper reflects the entire syllabus in a balanced manner, which should be ensured by the moderation committee.

The BOS also discussed the merits of distribution of different question types- 25 MCQ, 5 short answer type, and 5 long answer type, being followed in the final examination uniformly for all the subjects. Members were informed that the course coordinators have expressed at various times that given the diversity of the subjects it is not possible to follow this pattern for all the subjects. BOS agreed that the same pattern need not be followed for all the subjects. However, the BOS felt that this needs to be discussed among faculty members for further implementation after discussion with the course coordination committee. The Board also suggested that the moderation committees should ensure the question paper should be made such that it is effective in evaluating students' ability of independent thinking and their analytical abilities.

Any other points permitted by Chairman BoS:

With the permission of chairman, the Board discussed the modalities of supervision of Ph.D. students by the Wellcome Trust India Alliance Fellows, INSPIRE faculty and Ramalingaswamy Fellows

The consensus view of BOS was that not being a permanent faculty a Fellow can guide Ph.D. student only as a co-supervisor. If the Fellow secures a regular faculty position, then he/she can become primary supervisor for the student.

Annexure-A

[Refer to item No. 16(2)]

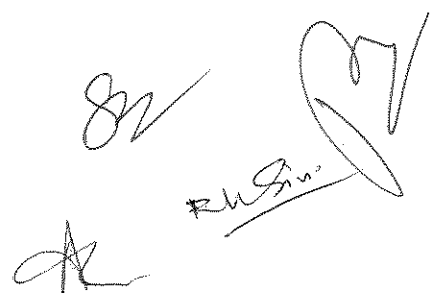
**Minutes of the 15th Meeting of the Board of Studies of NBRC
held on 06th September, 2018 at 2.30 pm. at NBRC, Manesar**

The 15th Meeting of the Board of Studies of NBRC was held on 06th September, 2018 at NBRC. The following members attended the meeting:

11. Prof. Neeraj Jain Director, NBRC	Chairman
12. Prof. Krishnamurthy Natarajan Dr. B.R.Ambedkar Centre of Biomedical Research University of Delhi	Member
3. Prof. Pankaj Seth Scientist VI, NBRC	Member
4. Prof. Shiv Sharma Scientist VI, NBRC	Member
5. Prof. Soumya Iyengar Scientist VI, NBRC	Member
6. Prof. Anirban Basu Scientist VI, NBRC	Member
7. Prof. Ellora Sen Scientist VI, NBRC	Member
8. Prof. Ranjit Giri Scientist VI, NBRC	Member
9. Dr. Yoganarasimha Scientist V, NBRC	Member
10. Dr. Sourav Banerjee Scientist V, NBRC	Member
11. Dr. Arpan Banerjee Scientist IV, NBRC	Member
12. Dr. Anindya Ghosh Roy Scientist IV, NBRC	Member
13. Dr. Dipanjan Roy Scientist IV, NBRC	Member

Item No. 15(1): Welcome by the Chairman, Board of Studies

Prof. Neeraj Jain, Chairman, BOS, welcomed the Members to the 15th meeting of the BOS and introduced Dr. Dipanjan Roy to other members of the BOS.



Item No. 15(2): Confirmation of the minutes of the 14th meeting of the BOS held on 06th April, 2016

As there were no comments received from the members of BOS, the minutes of 14th meeting of BOS was confirmed (**Annexure_A**)

Item No. 15(3): Action taken on the recommendations made by BOS in its 14th meeting

BOS members reviewed the action taken on the recommendations made in the 14th meeting of BOS and noted implementation of the **Format for submitting the panel of examiners for evaluating the Ph.D. thesis of NBRC students.**

Item No. 15(4): Approval of Doctoral Committees for Ph.D. Students (2016 batch) and M.Sc. students who opted M.Sc.-Ph.D. Integrated program in 2017.

BOS approved the Doctoral Committee for the following students of Ph.D. 2016 batch and M.Sc. students who opted M.Sc.-Ph.D. Integrated in 2017 :

1. Ms. Tripti Joshi
2. Mr. Sibaram Behra
3. Mr. Shiladitya Laskar
4. Ms. Bindu
5. Ms. Himali Arora
6. Ms. Meenakshi Bhaskar
7. Mr. Neeraj Kumar

The approved list of Revised Doctoral Committees is enclosed as **Annexure_B**

Item No. 15(5): Approval of Revised Doctoral Committee

BOS approved the Revised Doctoral Committees for the following students:

1. Mr. Touseef Ahmad Sheikh
2. Mr. Pruthvi S.G
3. Mr. Sandeep Kumar
4. Ms. Pooja Parishar
5. Ms. Mukta Kumari
6. Ms. Priyanka
7. Mr. Dharmendra Puri
8. Mr. S.Balakumar
9. Ms. Sarbani Samaddar
10. Mr. Gourav Sharma
11. Mr. Bharat Prajapati

The approved list of Revised Doctoral Committees is enclosed as **Annexure-C**

Item No. 15(6):

Ratification points:

The board of Studies ratified the following points:

- (i)
 - (a) The list of the Doctoral Committees for Ph.D. students (2015 batch) **Annexure_D-1**
 - (b) List of Doctoral Committee of Mr. Shubham Krishna **Annexure_D-2**
 - (c) Revised Doctoral Committee of following students **Annexure_D-3**
 - 1. Ms. Himakshi
 - 2. Mr. Vikas Pareek
 - 3. Mr. Brijesh Kumar Singh
 - 4. Mr. Apoorv Sharma
 - 5. Ms. Guncha Bhasin
- (ii) List of examiners for evaluating the thesis of the following students is appended as **Annexure_E-1 to E-12**
 - (a) Mr. Priyabrata Halder
 - (b) Mr. Kaushik Pramod Sharma
 - (c) Ms. Shalini Swaroop
 - (d) Mr. Imran Jamal
 - (e) Ms. Himakshi
 - (f) Ms. Shankamala Sen
 - (g) Mr. Sandeep Kumar
 - (h) Mr. Touseef Ahmad Sheikh
 - (j) Ms. Pushpa Kumari
 - (k) Mr. Brijesh Kumar
 - (l) Mr. Vikas Pareek
 - (m) Mr. Abhishek Kumar Verma

Item No. 15(7)

Addition of topic "Immune System in Health and Diseases" under Cell Biology syllabus, which is currently a part of the course Cell Biology and Biochemistry.

BOS approved additional lectures involving "Immune system in brain health and diseases" will cover the topics:

Neuro-immunology: Immune cells in the brain, Understanding of immune-CNS interactions in neurological disease (such as Multiple sclerosis, Guillain-Barre),
Autoimmunity and Tolerance, Vaccines
Tumor immunology-Tumor immune evasion and immune surveillance

Item No. 15(8):

Any other point with the permission of the Chair.

1. Prof. K. Natarajan suggested that preferably two examiners for evaluation of a thesis should not be from same institute or University. BOS discussed and approved it.

2. BOS members discussed and suggested that Coursework Coordinators should meet and discuss the syllabus of the courses to evaluate it and if needed they will

- i) Ask the respective Course Coordinators/Supervisor to define the topics and subtopics under that syllabus in more details. This will help the students, as well as help the external examiner set the question paper. The number of lectures for each topic can also be mentioned.
- ii) Ask the Course Coordinators/Supervisors to meet and revise the syllabus to remove overlap, if any.
- iii) Ask the Course Coordinators/Supervisors to revise and update the syllabus as needed.
- iv) These revisions can be implemented from the 2nd semester of the current academic year or the next academic year.

BOS discussed and approved it.

3. BOS approved the suggestion of Prof. K. Natarajan to put the syllabus of courses online under the internal resources in the website of the institute.

4. BOS approved that Course Coordinators/Supervisors meet with the students after the final exams of each semester and discuss the question paper and answers.

5. According to the Gazette of India: EXTRAORDINARY PART III- SEC. 4 REGD. NO. D. L. 33004/99 published by authority dated July 20, 2016 and subsequently followed by suggestion/circular "D.O. Letter No 8-6/2017-TEL" of Ministry of Human Resource Development : "Action plan 17 by 17", the coursework coordinators of NBRC have gone through the currently offered courses available at www.swayam.com portal and identified four online courses that are relevant for the students at our Centre. Students can take these courses online and complete the assignments and exams also online. These courses will be optional.

BOS members discussed this proposal and it was approved.

Annexure-B

[Refer to item No. 16(4)]

**APPROVAL OF DOCTORAL COMMITTEE OF Ph.D. STUDENTS
(2018 BATCH)**

Ms. Dipanjana Banerjee	Ms. Gargi Majumdar
Dr. Sourav Banerjee (Supervisor)	Dr. Dipanjan Roy (Supervisor)
Dr. Anindya Ghosh Roy (Co-Supervisor)	Dr. Arpan Banerjee (Co-Supervisor)
Prof. Shiv Sharma (Member)	Dr. Anindya Ghosh Roy (Member)
Dr. Dipanjan Roy (Member)	Prof. Soumya Iyengar (Member)
Ms. Kamakshi Garg	Ms. Khushboo Punjabi
Dr. Sourav Banerjee (Supervisor)	Prof. Pravat Mandal (Supervisor)
Prof. Soumya Iyengar (Co-Supervisor)	Prof. Anirban Basu (Co-Supervisor)
Prof. Shiv Sharma (Member)	Dr. Arpan Banerjee (Member)
Dr. Anindya Ghosh Roy (Member)	Prof. Soumya Iyengar (Member)
	Prof. Partha Raghunathan (Member)
Ms. Partika	Ms. Shalini Sharma
Dr. Arpan Banerjee (Supervisor)	Prof. Ellora Sen (Supervisor)
Dr. Dipanjan Roy (Co-Supervisor)	Dr. Arpan Banerjee (Co-Supervisor)
Prof. Soumya Iyengar (Member)	Prof. Shiv Sharma (Member)
Dr. Anindya Ghosh Roy (Member)	Dr. Anindya Ghosh Roy (Member)
Ms. Stuti Mohapatra	
Prof. Anirban Basu (Supervisor)	
Prof. Shiv Sharma (Co-Supervisor)	
Dr. Arpan Banerjee (Member)	
Dr. Anindya Ghosh Roy (Member)	

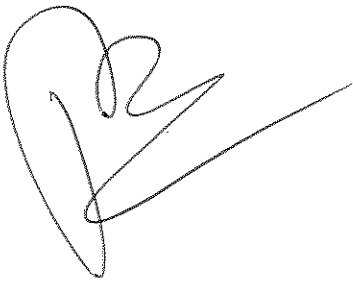
**APPROVAL OF DOCTORAL COMMITTEE OF M.Sc. STUDENTS OPTED
M.Sc.-Ph.D. INTEGRATED PROGRAMME IN 2019**

Mr. Azman Akhter	Ms. Guneet Kaur
Dr. Dipanjan Roy (Supervisor)	Prof. Pankaj Seth (Supervisor)
Dr. Arpan Banerjee (Co-Supervisor)	Prof. Anirban Basu (Co-Supervisor)
Prof. Soumya Iyengar (Member)	Prof. Soumya Iyengar (Member)
Prof. Ellora Sen (Member)	Prof. Shiv Sharma (Member)
Ms. Kirti Saluja	Ms. Pallavi Singh
Dr. Arpan Banerjee (Supervisor)	Dr. Anindya Ghosh Roy (Supervisor)
Dr. Dipanjan Roy (Co-Supervisor)	Prof. Ellora Sen (Co-Supervisor)
Prof. Ellora Sen (Member)	Prof. Anirban Basu (Member)
Dr. Anindya Ghosh Roy (Member)	Dr. Dipanjan Roy (Member)

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BOS also approved facilitators for each of the courses, as follows:

- i) BRIDGING THE DEMENTIA DIVIDE (Prof. Shiv Kumar Sharma)
- ii) INTRODUCTION TO R (Dr. Dipanjan Roy)
- iii) SPOKEN TUTORIAL PYTHON – ENGLISH (Dr. Arpan Banerjee)
- iv) PSYCHIATRY - AN OVERVIEW (To be announced)

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Annexure-B

[Refer to item No. 16(4)]

**APPROVAL OF DOCTORAL COMMITTEE OF Ph.D. STUDENTS
(2018 BATCH)**

Ms. Dipanjana Banerjee	Ms. Gargi Majumdar
Dr. Sourav Banerjee (Supervisor)	Dr. Dipanjan Roy (Supervisor)
Dr. Anindya Ghosh Roy (Co-Supervisor)	Dr. Arpan Banerjee (Co-Supervisor)
Prof. Shiv Sharma (Member)	Dr. Anindya Ghosh Roy (Member)
Dr. Dipanjan Roy (Member)	Prof. Soumya Iyengar (Member)
Ms. Kamakshi Garg	Ms. Khushboo Punjabi
Dr. Sourav Banerjee (Supervisor)	Prof. Pravat Mandal (Supervisor)
Prof. Soumya Iyengar (Co-Supervisor)	Prof. Anirban Basu (Co-Supervisor)
Prof. Shiv Sharma (Member)	Dr. Arpan Banerjee (Member)
Dr. Anindya Ghosh Roy (Member)	Prof. Soumya Iyengar (Member)
	Prof. Partha Raghunathan (Member)
Ms. Partika	Ms. Shalini Sharma
Dr. Arpan Banerjee (Supervisor)	Prof. Ellora Sen (Supervisor)
Dr. Dipanjan Roy (Co-Supervisor)	Dr. Arpan Banerjee (Co-Supervisor)
Prof. Soumya Iyengar (Member)	Prof. Shiv Sharma (Member)
Dr. Anindya Ghosh Roy (Member)	Dr. Anindya Ghosh Roy (Member)
Ms. Stuti Mohapatra	
Prof. Anirban Basu (Supervisor)	
Prof. Shiv Sharma (Co-Supervisor)	
Dr. Arpan Banerjee (Member)	
Dr. Anindya Ghosh Roy (Member)	

**APPROVAL OF DOCTORAL COMMITTEE OF M.Sc. STUDENTS OPTED
M.Sc.-Ph.D. INTEGRATED PROGRAMME IN 2019**

Mr. Azman Akhter	Ms. Guneet Kaur
Dr. Dipanjan Roy (Supervisor)	Prof. Pankaj Seth (Supervisor)
Dr. Arpan Banerjee (Co-Supervisor)	Prof. Anirban Basu (Co-Supervisor)
Prof. Soumya Iyengar (Member)	Prof. Soumya Iyengar (Member)
Prof. Ellora Sen (Member)	Prof. Shiv Sharma (Member)
Ms. Kirti Saluja	Ms. Pallavi Singh
Dr. Arpan Banerjee (Supervisor)	Dr. Anindya Ghosh Roy (Supervisor)
Dr. Dipanjan Roy (Co-Supervisor)	Prof. Ellora Sen (Co-Supervisor)
Prof. Ellora Sen (Member)	Prof. Anirban Basu (Member)
Dr. Anindya Ghosh Roy (Member)	Dr. Dipanjan Roy (Member)

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[Refer to Item No 16 (5)]

Mr.Pruthvi Gowda (Name of the Student)

Form "A"

Format For Submitting The Panel Of Examiners For Evaluating The PhD Thesis of NBRC Students

Sr. No.	Name, Address with Tel. No & E-mail I.D etc.,	Area of Research	Whether the examiner is an independent Researcher / Faculty Member or equivalent and has the required expertise in the desired area	Years of post doctoral experience (Should have at least 5 yrs)	Whether a collaborator at present	Whether Board of Studies / Academic Council Member of NBRC	Indian / Foreign (minimum 4 Indian examiners)	Remarks
1	Anjali Shiras, PhD Scientist G National Centre for Cell Science (NCCS), Savitribai Phule Pune University Campus, Ganeshkhind Road Pune - 411007 Email: anjali@nccs.res.in	Cancer Biology	YES	More than 5 years	NO	NO	INDIAN	
2.	Ganesh Nagaraju, PhD Associate Professor Dept. of Biochemistry Indian Institute of Science C.V.Raman Road Bangalore - 560012 Email: nganesh@iisc.ac.in	Cancer Biology	YES	More than 5 years	NO	NO	INDIAN	
3	Santosh Kumar TR Rajiv Gandhi Centre for Biotechnology (RGCb), Thycaud Post, Poojappura, Thiruvananthapuram - 695 014, Email: tsanthosh@rgcb.res.in	Cancer Biology	YES	More than 5 years	NO	NO	INDIAN	

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4.	Sagar Sengupta National institute of Immunology, Aruna Asaf Ali Marg, New Delhi 110067 Email: sagar@ni.ac.in	Cancer Biology	YES	More than 5 years	NO	NO	INDIAN	
5.	Beena Pillai, PhD Senior Principal Scientist Institute of Genomics and Integrative Biology Sukhdev Vihar, Mathura Road, New Delhi - 110 025 e-mail: beena@igib.in	Cancer Biology	YES	More than 5 years	NO	NO	INDIAN	
6.	Dr. Chittur V Srikanth Regional Centre for Biotechnology NCR Biotech Science Cluster 3rd Milestone, Faridabad-Gurgaon Expressway P.O. Box No. 3, Faridabad - 121 001, Haryana E-mail: cvsrikanth@rcb.res.in	Cancer Biology	YES	More than 5 years	NO	NO	INDIAN	
7.	Bramanandam Manavathi, PhD Department of Biochemistry, School of Life Sciences, University of Hyderabad, Hyderabad 500046 manavathibsl@uohyd.ernet.in manavbrahma@gmail.com	Cancer biology	YES	More than 5 years	NO	NO	INDIAN	
8.	Alo Nag, PhD Univ. of Delhi South Campus, New Biotech Building – Benito Juarez Road, Dhaula Kuan New Delhi- 110021 Email: alonag22@gmail.com	Cancer biology	YES	More than 5 years	NO	NO	INDIAN	

[Refer to Item No 16 (5)]

Ms. Uzma Din (Name of the Student)**Form "A"****Format For Submitting The Panel Of Examiners For Evaluating The PhD Thesis of NBRC Students**

Sl. No.	Name, Address with Tel. No & E-mail ID etc.,	Area of Research	Whether the examiner is an independent Researcher / Faculty Member or equivalent and has the required expertise in the desired area	Years of post doctoral experience (Should have at least 5 yrs)	Whether a collaborator at present	Whether Board of Studies/Academic Council Member of NBRC	Indian / Foreigner (minimum 4 Indian examiners)	Remarks
1	Prof TS Roy Head, Dept. of Anatomy, AIIMS, New Delhi – 110029 09810096839 tsroy@aiims.ac.in	Neuroanatomy, Neuroscience, Stereology	Yes	Yes	No	No	Indian	
2	Prof Suman Jain Dept. of Physiology AIIMS, New Delhi – 110029 011-26593229 sumanjain10@gmail.com	Neurophysiology, Avian Auditory System	Yes	Yes	No	No	Indian	
3	Prof SK Basu Ray, Dept. of Anatomy AIIMS, New Delhi – 110029 Tel: +91-96-54994296 raysb48@gmail.com	Neuroanatomy, opioid receptors and pain pathways	Yes	Yes	No	No	Indian	
4	Prof Shashi Wadhwa North Delhi Municipal Corporation Medical College & Hindu Rao Hospital Malka Ganj, Delhi 110007 Mobile: 9910769909 shashiwadhwa@hotmail.com	Neuroanatomy, Development, Avian Auditory System	Yes	Yes	No	No	Indian	
5	Dr. Lubica Niedertová- Kubíková, Institute of Animal	Neuroscience, Birdsong, Molecular Biology,	Yes	Yes	No	No	Foreign	

	Biochemistry and Genetics Centre of Biosciences SAS Slovak Academy of Sciences Dúbravská cesta 9, P.O.BOX 63, 840 05 Bratislava, Slovak Republic. Lubica.Niederova@savba.sk Phone: +421-2-3229 3832	Neurogenesis							
6	Prof Kurt F Hauser Department of Pharmacology and Toxicology Kontos Medical Science Building 439, Box 980613 Richmond, VA 23298, USA Phone: 804-628-7579 Fax: 804-827-9974 kurt.hauser@vcuhealth.org	Drug abuse and long-term changes in the CNS	Yes	Yes	No	No	Foreign		
7	Dr. Carolyn L Pytte Associate Professor, Department of Psychology Queens College, 65-30 Kissena Blvd Flushing, NY 11367, USA 718-997-4528 carolyn.pytte@qc.cuny.edu	Adult neurogenesis in songbirds	Yes	Yes	No	No	Foreign		
8	Prof Amelia J Eisch, Professor of Anesthesiology and Critical Care, Department: Anesthesiology and Critical Care, Abramson Research Center, Room 402F 3615 Civic Center Drive Philadelphia, PA 19104-4399, USA (215) 590-1931 eisch@upenn.edu	Molecular and cellular basis of Adult and developmental neurogenesis, memory	Yes	Yes	No	No	Foreign		

(Signature of the Supervisor)

[Refer to Item No 16 (5)]

Ms. Utkarsha A. Singh (Name of the Student)

Form "A"

Format For Submitting The Panel Of Examiners For Evaluating The PhD Thesis of NBRC Students

Sl. No.	Name, Address with Tel. No & E-mail ID etc.,	Area of Research	Whether the examiner is an independent Researcher / Faculty Member or equivalent and has the required expertise in the desired area	Years of post doctoral experience (Should have at least 5 yrs)	Whether a collaborator at present	Whether Board of Studies/Academic Council Member of NBRC	Indian / Foreigner (minimum 4 Indian examiners)	Remarks
1	Dr Raghav Rajan Principal Investigator Ramalingaswami Fellow, Dr. Homi Bhabha Road, Ward No. 8, NCL Colony, Pashan, Pune, Maharashtra 411 008 91 (20) 2590 8168 raghav@iiserpune.ac.in	Neurophysiology, Birdsong	Yes	>5 years	No	No	Indian	
2	Prof TS Roy Head, Dept. of Anatomy, AIIMS, New Delhi – 110029 09810096839 tsroy@aiims.ac.in	Neuroanatomy, Neuroscience, Stereology	Yes	Yes	No	No	Indian	
3	Prof Suman Jain Dept. of Physiology AIIMS, New Delhi – 110029 011-26593229 sumanjain10@gmail.com	Neurophysiology, Avian Auditory System	Yes	Yes	No	No	Indian	

4	Dr Vatsala Thirumalai Group Leader, Neural Circuits and Development Lab, National Center For Biological Sciences Rajiv Gandhi Nagar, Kodigehalli, Bengaluru, Karnataka 560065 +91(80)23666101 vatsala@ncbs.res.in	Neuromodulators, Neurophysiology, Behavior, motor circuits	Yes	Yes	No	No	Indian	
5	Prof Lauren Ritters Department of Integrative Biology, University of Wisconsin-Madison 1202 West Johnson Street Madison, WI, 53706-1611, USA Tel: (608) 262-6506 lvriters@wisc.edu	Neuroethology, Birdsong, Neuromodulators	Yes	Yes	No	No	Foreigner	
6	Dr Mimi Kao Department of Biology 00 Boston Avenue Suite 2101, Medford, MA 02155 Phone (main lab): 617-627-0894 Phone (office): 617-627-0395 mimi.kao@tufts.edu	Neuroethology, Birdsong, Neurophysiology, Motor Learning	Yes	11 years	No	No	Foreigner	
7	Prof Ofer Tchernichovski Department of Psychology Hunter College, Room 621 HN 695 Park Avenue New York, NY 10065 Tel: (212) 396-6740 otcherni@hunter.cuny.edu	Neuroscience, Behavioral Science, Birdsong	Yes	Yes	No	No	Foreigner	
8	Dr Julie Miller Dept. of Neuroscience The University of Arizona 1040 E. 4th St. GS 611 Tucson, AZ 85721 Phone: 520-626-0100 juliemiller@email.arizona.edu	Neuroscience, Molecular Biology, Birdsong, Neuromodulators	Yes	> 5 Years	No	No	Foreigner	

(Refer to Item No 16 (5))

Ms. Pooja Parishar (Name of the Student)

Form "A"

Format For Submitting The Panel Of Examiners For Evaluating The PhD Thesis of NBRC Students

Sl. No.	Name, Address with Tel. No & E-mail ID etc.,	Area of Research	Whether the examiner is an independent Researcher / Faculty Member or equivalent and has the required	Years of post-doctoral experience (Should have at least 5 yrs)	Whether a collaborator at present	Whether Board of Studies/Academic Council Member of NBRC	Indian / Foreigner (minimum 4 Indian examiners)	Remarks
1	Prof Upinder Bhalla Ground Floor SLC Building, National Centre for Biological Sciences, GK VK, Bellary Road, Bangalore 560065, Karnataka, India +91 80 2366 6130 bhalla@ncbs.res.in	Neuroscience, Neurophysiology,	Yes	Yes	No	No	Indian	
2	Prof Anindya Sinha Animal Behaviour and Cognition Natural Sciences and Engineering S 22, National Inst of Advanced Studies, Bengaluru - 560012 080-2218 5117 anindya.rana.sinha@gmail.com	Behaviour, Neuroethology	Yes	Yes	No	No	Indian	
3	Prof Suman Jain Dept. of Physiology AIIMS, New Delhi - 110029 011-26593229 sumanjain10@gmail.com	Neurophysiology, Avian Auditory System	Yes	Yes	No	No	Indian	
4	Dr SP Arun Associate Professor Centre For Neuroscience Old TIFR building Indian Institute Science Bangalore-560012, India. +91 80 2293 3436/3431 sparun@iisc.ac.in	Neurophysiology, Visual perception, object recognition	Yes	Yes	No	No	Indian	

8/11

5	Prof Nicola Clayton Department of Psychology Downing Street, Cambridge CB2 3EB nsc22@cam.ac.uk +44 (0)1223 (3)33559	Cognitive development, Comparative cognition in animals	Yes	Yes	No	No	Foreign	
6	Prof Andreas Nieder Prof. Dr. Andreas Nieder Animal Physiology Institute of Neurobiology Auf der Morgenstelle 28 University of Tübingen 72076 Tübingen, Germany andreas.nieder@uni-tuebingen.de Phone: 07071-29 75347 Fax: 07071-29 2618	Neuroscience, Neuropsychology, Cognition in corvids	Yes	Yes	No	No	Foreign	
7	Prof. Dr. Dr. h.c. Onur Güntürkün Biopsychology Faculty of Psychology Ruhr-Universität Bochum, IB 6/115 onur.guentuerkuen@ruhr-uni-bochum.de Phone: +49-(0)234-32- 26213	Evolution of cognition in birds and mammals	Yes	Yes	No	No	Foreign	
8	Prof Thomas Bugnyar Department of Cognitive Biology UZA 1, Biologiezentrum Althanstrasse 14 1090 Vienna Austria, Europe Mail: thomas.bugnyar@univie.ac.at Phone: +43-1-4277-76112 Mobile: +43-664-60277-76112	Social behaviour, evolution of cognition in ravens and other animals	Yes	Yes	No	No	Foreign	

(Signature of the Supervisor)

Annexure C-5

[Refer to Item No 16 (5)]

Form "A"

Mr. John Thomas (Name of the Student)

Format for Submitting the Panel of Examiners for Evaluating the PhD Thesis of NBRC Students

Sl. No	Name, Address with Tel. No & E-mail ID etc.,	Area of Research	Whether the examiner is an independent Researcher / Faculty Member or equivalent and has the required expertise in the desired area	Years of post doctoral experience (Should have at least 5 yrs)	Whether a collaborator or at present	Whether Board of Studies/Academic Council Member of NBRC	Indian / Foreigner (minimum 4 Indian examiners)	Remarks
1	Prof John P. John, M.D. Professor of Psychiatry & Centre for Brain Mapping (CBM) & ADBS Neuroimaging Centre (ANC) National Institute of Mental Health and Neurosciences (NIMHANS) Bangalore, India 560 029 Email: jpj@nimhans.ac.in Phone: 9482871743	Neuroscience. MRI	Yes. In related areas.	>5 years	No	No	Indian	None
2	Dr Bapi Raju Surampudi Professor, Cognitive Science Lab, IIT Hyderabad India email: raju.bapi@iit.ac.in bapiks@yahoo.co.in	Neuroscience. MRI	Yes. In related areas.	>5 years	No	No	Indian	None

3	Dr. N. R. Jagannathan J.C. Bose National Fellow (SERB, DST) Professor of Eminence, Dept. of Radiology, All Institute of Medical Sciences, New Delhi-110029. jagan1954@hotmail.com Mobile: 9968292772	MR Expert	Yes. In related areas.	>5 years	No	No	Indian	None
4	Dr. S. Senthil Kumaran Department of NMR and MRI Facility All India Institute of Medical Sciences, Ansari Nagar New Delhi – 110 029 INDIA Phone: 91-11-26593253, 26546452 Email: senthilssk@yahoo.com	MR Expert	Yes. In related areas.	>5 years	No	No	Indian	None
5	Dr Subash Khushu Formerly: Scientist-'G' & Associate Director Head, Division of Radiological Imaging & Biomedical Engineering NMR Research Centre, Institute of Nuclear Medicine & Allied Sciences (INMAS), Brig. S.K. Mazumdar Road, Delhi-110054, India Email: skhushu@yahoo.com Mobile +91 9868163222	MRI expert	Yes. In related areas.	>5 years	No	No	Indian	None

6	Dr Randolph J Nudo Landon Center on Aging 3599 W. 36th Avenue Kansas City, KS 66160 USA Phone: (913) 588-1247 Fax: (913) 588-1201 rnudo@kumc.edu	Neuroscience, Brain injuries	Yes. In related areas.	>5 years	No	No	Foreigner	None
7	Dr Shashi Wadhwa Former Head, Department of Anatomy AIIMS New Delhi Email: shashiwadhwa@hotmail.com Phone: 9910769909	Neuroscience	Yes. In related areas.	>5 years	No	No	Indian	None
8	Mukesh Dhamala, Ph. D. Associate Professor Physics and Astronomy Member to GSU Neuroscience Institute, CBN, CENO, CDT and CABI Georgia State University 1 Park Place, Rm 433 Atlanta, GA 30303-4106 USA Phone: (404) 413-6043 E-mail: mdhamala@gsu.edu	Neuroscience, MRI	Yes. In related areas.	>5 years	No	No	Foreigner	None

Neeraj Jain

(Signature of the Supervisor)



[Refer to Item No 16 (5)]

Mr. Balakumar Srinivasan

Form "A"

Format For Submitting The Panel Of Examiners For Evaluating The PhD Thesis of NBRC Students

Sr. No.	Name, Address with Tel. No & E-mail I.D etc.,	Area of Research	Whether the examiner is an independent Researcher / Faculty Member or equivalent and has the required expertise in the desired area	Years of post doctoral experience (Should have at least 5 yrs)	Whether a collaborator at present	Whether Board of Studies / Academic Council Member of NBRC	Indian / Foreign (minimum 4 Indian examiners)	Remarks
1	Prof. Dr. Sebastian Jessberger Room Y55J66, Brain Research Institute, University of Zurich, Phone: +41 44 635 33 70 jessberger@hifo.uzh.ch	Adult Neurogenesis and functional integration of new born neurons. Mechanisms of neural stem cell diversity.	Group Leader	More than 5 years	No	No	Foreign	
2	Prof. Dr. Amelia Eisch Abramson Research Center, Room 402F 3615 Civic Center Drive Philadelphia, PA 19104-4399 eisch@upenn.edu	Adult neurogenesis and depression. Cell fate specification	Professor	More than 5 years	No	No	Foreign	



3	Prof. Dr. Seth Blackshaw The Solomon H. Snyder Department of Neuroscience Johns Hopkins University School of Medicine 725 North Wolfe St. Baltimore, MD 21205 Room: MRB 339 Tele: 443-287-5609 sblack@jhmi.edu	Cell fate specification in developing and adult hypothalamus.	Professor	More than 5 years	No	No	Foreign	
4	Prof. Dr. Fiona Doetsch University of Basel, Biozentrum Center for Molecular Life Sciences, Room: 708 Tel: +41 61 207 22 30 fiona.doetsch(at)unibas.ch	Regulation of stem cells in the adult mammalian brain and miRNA.	Head of Research Group	More than 5 years	No	No	Foreign	
5	Prof. Dr. Vidita Vaidya Department of Biological Sciences, Tata Institute of Fundamental Research, Room Hutment. Tel: (22) 2278 2608 vvaidya @tifr.res.in	Adult neurogenesis and stress response.	Professor	More than 5 years	No	No	Indian	
6	Dr. Aurnab Ghose IISER, Dr. Homi Bhabha Road, Pashan, Pune : 411008, Tel: (20) 2590 8058 aurnab@iiserpune.ac.in	Neuromodulatory functions of feeding response.	Associate Professor	More than 5 years	No	No	Indian	
7	Dr Praful Singru National Institute of Science Education and Research Bhubaneswar P.O. Jatni, Khurda 752050, Odisha, India Tele : 91-674-2494076	Neural regulation of feeding, stress and reproduction; Neuroendocrine regulation	Associate Professor	More than 5 years	No	No	Indian	

8	Prof. Dr. Jishy Varghese Assistant Professor, School of Biology/Indian Institute of Science Education and Research (IISER-TVM) Vithura, Thiruvananthapuram – 695 551, Kerala, INDIA jishy@iisertvm.ac.in Phone: +91-471-2778169	Neural and endocrine signaling in energy homeostasis.	Assistant Professor	More than 5 years	No	No	Indian	
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(Signature of the Supervisor) Date 25th July, 2019



Ms. Sarbani Samaddar

Annexure C-7

[Refer to Item No 16 (5)]

Form "A"

Format For Submitting The Panel Of Examiners For Evaluating The PhD Thesis of NBRC Students

Sr. No.	Name, Address with Tel. No & E-mail I.D etc.,	Area of Research	Whether the examiner is an independent Researcher / Faculty Member or equivalent and has the required expertise in the desired area	Years of post doctoral experience (Should have at least 5 yrs)	Whether a collaborator at present	Whether Board of Studies / Academic Council Member of NBRC	Indian / Foreign (minimum 4 Indian examiners)	Remarks
1	Prof. Dr. Michael Kiebler Department for Cell Biology BioMedizinisches Centrum -BMC LMU Muenchen, Med. Faculty Großhaderner Straße 9 82152 Planegg-Martinsried Germany. Phone: +49 (0)89 / 2180 75 884 Email ID: michael.kiebler@med.uni-muenchen.de	Synaptic plasticity and translation control by RNA binding proteins	Institute Head	More than 5 years	No	No	Foreign	

2	Prof. Gary. J Bassell Department of Cell Biology Emory University School of Medicine 615 Michael Street Atlanta, GA 30322 Phone: (404) 727-0659 Fax : (404) 727-0570 Email ID: gbassel@emory.edu	Synaptic translation in neuronal health and disease and non-coding RNAs	Professor and Chair	More than 5 Years	No	No	Foreign	
3	Prof. Erin Schuman Schuman Department Max Planck Institute for Brain Research Max-von-Laue-Str. 4 60438 Frankfurt am Main Germany Phone: +49 69 850033-1001 Fax: +49 69 850033-1099 Email ID: erin.schuman@brain.mpg.de	Synaptic plasticity and translation control and non-coding RNAs	Professor and Director	More than 5 Years	No	No	Foreign	
4	Prof. Dr. Gerhard Schrott ETH Zurich Y17 L 48 Winterthurerstrasse 190 8057 Zürich Switzerland Phone: +41-446338132 gerhard.schrott@hest.ethz.ch	Noncoding RNAs and synaptic plasticity	Professor	More than 5 Years	No	No	Foreign	
5	Prof. Sumantra Chattarji National Centre for Biological Sciences Tata Institute of Fundamental Research Bellary Road, Bangalore 560065, Phone: +91 80 2366 6120 shona@ncbs.res.in	Synaptic plasticity and memory	Professor	More than 5 Years	No	No	Indian	

6	Prof. Gaiti Hasan National Centre for Biological Sciences Tata Institute of Fundamental Research Bellary Road, Bangalore 560065, Phone: +91 80 2366 6140 gaiti@ncbs.res.in	Calcium signalling in synaptic plasticity	Professor	More than 5 Years	No	No	Indian	
7	Dr. Vimlesh Kumar LAB NO. 113, Academic Building-3 Indian Institute of Science Education and Research (IISER) Bhopal, Bhopal Bypass Road, Bhauri, Bhopal-462066, Madhya Pradesh, Phone - +91-755-6691405 vimlesh@iiserb.ac.in	Activity-dependent synapse development and synaptic plasticity	Associate Professor	More than 5 Years	No	No	Indian	
8	Dr. Amitabha Majumdar Drosophila Neurobiology Lab, National Centre for Cell Science Complex Savitribai Phule Pune University Campus, Ganeshkhind Road Pune - 411007, Maharashtra, India mamitaya@ncscs.res.in	Synaptic plasticity and memory	Associate Professor (Scientist E)	More than 5 Years	No	No	Indian	



(Signature of the Supervisor) Date 25th July, 2019



[Refer to Item No 16 (5)]

Form "A"

Kautuk Kamboj

Format For Submitting The Panel Of Examiners For Evaluating The PhD Thesis of NBRC Students

Sl. No	Name, Address with Tel. No & E-mail ID etc.,	Area of Research	Whether the examiner is an independent Researcher / Faculty Member or equivalent and has the required expertise in the desired area	Years of post-doctoral experience (Should have at least 5 yrs)	Whether a collaborator at present	Whether Board of Studies/ Academic Council Member of NBRC	Indian / Foreigner	Remarks
1	Prof. Shashi Wadhwa B-114, Sector-30 NOIDA – 201303(UP) Mobile: 9910769909 shashiwadhwa@hotmail.com	Neuro-science, memory	Yes	>5 years	NO	NO	Indian	
2	Prof. MK Thakur Department of Zoology Faculty of Science BHU, Varanasi (UP) Phone: +91 542 2313958, Mobile: +91 9450547155 Email: mkt_bhu@yahoo.com; mktian2007@gmail.com	Memory, Molecular and Cellular Neuro science	Yes	>5 years	NO	NO	Indian	

3	Prof. Gurcharan Kaur Department of Biotechnology, Guru Nanak Dev University, Amritsar, Punjab, India. Phone: 9815450737 kgurcharan.neuro@yahoo.com	Molecular and cellular Neuro- science	Yes	>5 years	NO	NO	Indian	
4	Dr. Surendra Kumar Trigun Professor Department of Zoology Faculty of Science BHU, Varanasi (UP). Phone: +91 542-6702523, Mobile: +91 9415811962, Email: sktrigun@gmail.com, sktrigun@bhu.ac.in	Molecular and Cellular Neuro- science	Yes	>5 years	NO	NO	Indian	
5	Dr. RV Omkumar Molecular Neurobiology Division, Rajiv Gandhi Centre for Biotechnology, Thycad, P.O., Thiruvananthapuram-695014, Kerala. Phone: 91-471-2529-483 Email: omkumar@rgcb.res.in.	Molecular and Cellular Neuroscie nce	Yes	>5 years	NO	NO	Indian	
6	Prof. Alo Nag, Department of Biochemistry Univ. of Delhi South Campus New Biotech Building - 2 nd Floor Benito Juarez Road, Dhaura Kuan, New Delhi- 110021 Phone: 24111955, 24157000, Email: alonag22@gmail.com	Molecular Biology	Yes	>5 years	No	No	Indian	

7	Prof. Ishan Kumar Patro Vice-Chancellor Ravenshaw University Cuttack-753003 Odisha. Phone: 91-6712200160 Mob: 9425110063 Email: ishanpatro@gmail.com	Molecular and Cellular Neuroscience	Yes	>5 years	No	No	Indian	
8	Dr. Vinay Kumar Khanna Senior Principal Scientist, System Toxicology & Health Risk Assessment, Indian Institute of Toxicology Research, Vishvigyan Bhawan, 31, Mahatma Gandhi Marg, Lucknow - 226 001 (UP). Phone: +91-522-2217497 Email: vkkhanna@iitr.res.in vkkhanna@rediffmail.com	Molecular and Cellular Neuroscience	Yes	>5 years	No	No	Indian	

(Signature of the Supervisor)



Tushar Arora

Annexure C-9

[Refer to Item No 16 (5)]

Form "A"

Format For Submitting The Panel Of Examiners For Evaluating The PhD Thesis of NBRC Students

Sl. No	Name, Address with Tel. No & E-mail ID etc.,	Area of Research	Whether the examiner is an independent Researcher / Faculty Member or equivalent and has the required expertise in the desired area	Years of postdoctoral experience (Should have at least 5 yrs)	Whether a collaborator at present	Whether Board of Studies/ Academic Council Member of NBRC	Indian / Foreigner	Remarks
1	Prof. Gurcharan Kaur Department of Biotechnology, Guru Nanak Dev University, Amritsar, Punjab Phone: 9815450737 kgurcharan.neuro@yahoo.com	Molecular and Cellular Neuroscience	Yes	>5 years	NO	NO	Indian	
2	Dr. Vinay Kumar Khanna System Toxicology & Health Risk Assessment, Indian Institute of Toxicology Research, Vishviyan Bhawan, 31, Mahatma Gandhi Marg Lucknow - 226 001 (UP). Phone: +91-522-2217497 Email: vkkhannaal@iitr.res.in vkkhanna@rediffmail.com	Molecular and Cellular Neuroscience	Yes	>5 years	NO	NO	Indian	

8/2

3	Dr. RV Omkumar Molecular Neurobiology Division, Rajiv Gandhi Centre for Biotechnology, Thycad, P.O., Thiruvananthapuram-695014, Kerala. Phone: 91-471-2529-483 Email: omkumar@rgcb.res.in.	Molecular and cellular Neuro- science	Yes	>5 years	NO	NO	Indian	
4	Prof. Shashi Wadhwa B-114, Sector-30 NOIDA - 201303 Mobile: 9910769909 shashiwadhwa@hotmail.com	Neuro- science, memory	Yes	>5 years	NO	NO	Indian	
5	Dr. Sudip Sen. Department of Biochemistry, AIIMS, New Delhi - 110029 Phone: +91-11-2659-4945 sudipsen99@rediffmail.com	Molecular Biology	Yes	>5 years	NO	NO	Indian	
6	Prof. MK Thakur Department of Zoology Faculty of Science BHU, Varanasi (UP) Phone: +91 542 2313958, Mobile: +91 9450547155 Fax: +91 542-2368174 Email: mkt_bhu@yahoo.com; mktian2007@gmail.com	Molecular and Cellular Neuro- science	Yes	>5 years	No	No	Indian	
7	Prof. Ishan Kumar Patro Ravenshaw University Cuttack-753003 Odisha. Phone: 91-6712200160 Mob: 9425110063 Email: ishanpatro@gmail.com	Molecular and Cellular Neuro- science	Yes	>5 years	No	No	Indian	

8	Prof. Prakash Babu Department of Biotechnology School of Life Science, University of Hyderabad, Prof. C.R.Rao Road, Gachibowli, Hyderabad, 500046. Phone: 040-23134584/23013336 prakashbabuphanithi@gmail.com	Molecular Biology	Yes	>5 years	No	No	Indian	
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(Signature of the Supervisor)

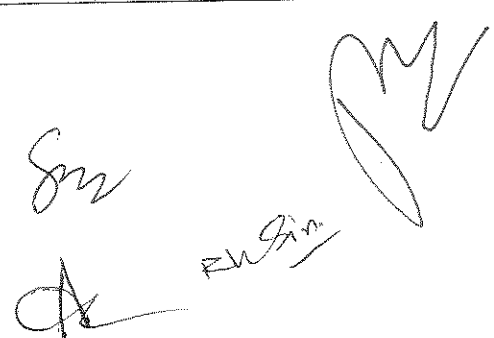
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Annexure-D

[Refer to item No. 16(6) (i)]

REVISED DOCTORAL COMMITTEE

Ms. Guncha Bhasin	
Doctoral Committee (Old)	Doctoral Committee (Revised)
Dr. Yoganarasimha (Supervisor)	Dr. Yoganarasimha (Supervisor)
Prof. Nandini Singh (Co-Supervisor)	Dr. Arpan Banerjee (Co-Supervisor)
Prof. Soumya Iyengar (Member)	Prof. Soumya Iyengar (Member)
Dr. Dipanjan Roy (Member)	Dr. Dipanjan Roy (Member)
Mr. Indrajith R.Nair	
Doctoral Committee (Old)	Doctoral Committee (Revised)
Dr. Yoganarasimha (Supervisor)	Dr. Yoganarasimha (Supervisor)
Prof. Neeraj Jain (Co-Supervisor)	Prof. Neeraj Jain (Co-Supervisor)
Prof. Nandini Singh (Member)	Dr. Dipanjan Roy (Member)
Dr. Arpan Banerjee (Member)	Dr. Arpan Banerjee
Mr. S.Balakumar	
Doctoral Committee (Old)	Doctoral Committee (Revised)
Dr. Sourav Banerjee (Supervisor)	Dr. Sourav Banerjee (Supervisor)
Prof. Soumya Iyengar (Co-Supervisor)	Prof. Soumya Iyengar (Co-Supervisor)
Dr. Yoganarasimha (Member)	Dr. Dipanjan Roy (Member)
Dr. Anindya Ghosh Roy (Member)	Dr. Anindya Ghosh Roy (Member)
Ms. Sarbani Samaddar	
Doctoral Committee (Old)	Doctoral Committee (Revised)
Dr. Sourav Banerjee (Supervisor)	Dr. Sourav Banerjee (Supervisor)
Dr. Anindya Ghosh Roy (Co-Supervisor)	Dr. Anindya Ghosh Roy (Co-Supervisor)
Dr. Yoganarasimha (Member)	Dr. Dipanjan Roy (Member)
Prof. Soumya Iyengar (Member)	Prof. Soumya Iyengar (Member)
Mr. Gourav Sharma	
Doctoral Committee (Old)	Doctoral Committee (Revised)
Dr. Sourav Banerjee (Supervisor)	Dr. Sourav Banerjee (Supervisor)
Prof. Pankaj Seth (Co-Supervisor)	Prof. Pankaj Seth (Co-Supervisor)
Dr. Yoganarasimha (Member)	Dr. Dipanjan Roy (Member)
Dr. Anindya Ghosh Roy (Member)	Dr. Anindya Ghosh Roy (Member)
Ms. Shankhamala Sen	
Doctoral Committee (Old)	Doctoral Committee (Revised)
Prof. Soumya Iyengar (Supervisor)	Prof. Soumya Iyengar (Supervisor)
Dr. Yoganarasimha (Co-Supervisor)	Prof. Ranjit Giri (Co-Supervisor)
Prof. Pankaj Seth (Member)	Prof. Pankaj Seth (Member)
Prof. Anirban Basu (Member)	Prof. Anirban Basu (Member)



Mr. Sandeep Kumar	
Doctoral Committee (Old)	Doctoral Committee (Revised)
Prof. Soumya Iyengar (Supervisor)	Prof. Soumya Iyengar (Supervisor)
Prof. Neeraj Jain (Co-Supervisor)	Prof. Neeraj Jain (Co-Supervisor)
Prof. Ranjit Giri (Member)	Prof. Ranjit Giri (Member)
Dr. Yoganarasimha (Member)	Dr. Anindya Ghosh Roy (Member)
Ms. Pooja Parishar	
Doctoral Committee (Old)	Doctoral Committee (Revised)
Prof. Soumya Iyengar (Supervisor)	Prof. Soumya Iyengar (Supervisor)
Dr. Yoganarasimha (Co-Supervisor)	Prof. Ranjit Giri (Co-Supervisor)
Prof. Neeraj Jain (Member)	Prof. Neeraj Jain (Member)
Prof. Shiv Sharma (Member)	Prof. Shiv Sharma (Member)
Mr. Atanu Datta	
Doctoral Committee (Old)	Doctoral Committee (Revised)
Prof. Neeraj Jain (Supervisor)	Prof. Neeraj Jain (Supervisor)
Prof. Soumya Iyengar (Co-Supervisor)	Prof. Soumya Iyengar (Co-Supervisor)
Prof. Anirban Basu (Member)	Prof. Anirban Basu (Member)
Dr. Yoganarasimha (Member)	Dr. Dipanjan Roy (Member)
Mr. Raghav Shankar	
Doctoral Committee (Old)	Doctoral Committee (Revised)
Prof. Neeraj Jain (Supervisor)	Prof. Neeraj Jain (Supervisor)
Prof. Shiv Sharma (Co-Supervisor)	Prof. Shiv Sharma (Co-Supervisor)
Dr. Arpan Banerjee (Member)	Dr. Arpan Banerjee (Member)
Dr. Yoganarasimha (Member)	Prof. Anirban Basu (Member)
Ms. Arti Kumari	
Doctoral Committee (Old)	Doctoral Committee (Revised)
Prof. Neeraj Jain (Supervisor)	Prof. Neeraj Jain (Supervisor)
Dr. Yoganarasimha (Co-Supervisor)	Prof. Shiv Sharma (Co-Supervisor)
Prof. Shiv Sharma (Member)	Dr. Dipanjan Roy (Member)
Dr. Anindya Ghosh Roy (Member)	Dr. Anindya Ghosh Roy (Member)
Ms. G.Vinodh Kumar	
Doctoral Committee (Old)	Doctoral Committee (Revised)
Dr. Arpan Banerjee (Supervisor)	Dr. Arpan Banerjee (Supervisor)
Prof. Neeraj Jain (Co-Supervisor)	Prof. Neeraj Jain (Co-Supervisor)
Prof. Nandini Singh (Member)	Prof. Nandini Singh (Member)
Prof. Soumya Iyengar (Member)	Prof. Soumya Iyengar (Member)
Dr. Yoganarasimha (Member)	Dr. Dipanjan Roy (Member)

Annexure-E

[Refer to item No. 16(6) (ii)]

**RATIFICATION OF DOCTORAL COMMITTEE OF Ph.D. STUDENTS
(2017 BATCH)**

Mr. Karthick R	Ms. Nisha Chetana Sastry
Prof. Ranjit Giri (Supervisor)	Dr. Arpan Banerjee (Supervisor)
Dr. Sourav Banerjee (Co-Supervisor)	Dr. Dipanjan Roy (Co-Supervisor)
Prof. Soumya Iyengar (Member)	Prof. Soumya Iyengar (Member)
Dr. Anindya Ghosh Roy (Member)	Prof. Ellora Sen (Member)
Ms. Shivangi Sharma	Ms. Sunanda Sharma
Prof. Anirban Basu (Supervisor)	Dr. Anindya Ghosh Roy (Supervisor)
Dr. Dipanjan Roy (Co-Supervisor)	Prof. Ellora Sen (Co-Supervisor)
Prof. Shiv Sharma (Member)	Prof. Ranjit Giri (Member)
Prof. Soumya Iyengar (Member)	Dr. Dipanjan Roy (Member)
Mr. Abhishek Singh Narvaria	Ms. Deepti Dama
Dr. Dipanjan Roy (Supervisor)	Prof. Shiv K. Sharma (Supervisor)
Dr. Arpan Banerjee (Co-Supervisor)	Prof. Soumya Iyengar (Co-Supervisor)
Dr. Sourav Banerjee (Member)	Prof. Anirban Basu (Member)
Dr. Anindya Ghosh Roy (Member)	Prof. Ranjit Giri (Member)
Ms. Vanshika Singh	
Dr. Dipanjan Roy (Supervisor)	
Dr. Arpan Banerjee (Co-Supervisor)	
Prof. Soumya Iyengar (Member)	
Dr. Anindya Ghosh Roy (Member)	

**APPROVAL OF DOCTORAL COMMITTEE OF M.Sc. STUDENTS OPTED
M.Sc.-Ph.D. INTEGRATED PROGRAMME IN 2018**

Ms. Ritu Moni Borah	Ms. Kirti
Dr. Arpan Banerjee (Supervisor)	Prof. Ellora Sen (Supervisor)
Dr. Dipanjan Roy (Co-Supervisor)	Prof. Shiv Sharma (Co-Supervisor)
Prof. Soumya Iyengar (Member)	Dr. Anindya Ghosh Roy (Member)
Prof. Ellora Sen (Member)	Dr. Arpan Banerjee (Member)
Mr. Anagh Pathak	
Dr. Arpan Banerjee (Supervisor)	
Dr. Dipanjan Roy (Co-Supervisor)	
Prof. Anirban Basu (Member)	
Dr. Anindya Ghosh Roy (Member)	

Annexure-F-1

[Refer to agenda item No. 16(6) (iii)]

Ms. Reshma Bhagat (Name of the Student)Format for submitting the panel of examiners for evaluating the Ph.D Thesis of NBRC students

Form "A"

Sr. No.	Name, Address with Tel. No & E-mail I.D etc.,	Area of Research	Whether the examiner is an independent Researcher / Faculty Member or equivalent and has the required expertise in the desired area	Years of post doctoral experience (Should have at least 5 yrs)	Whether a collaborator at present	Whether Board of Studies / Academic Council Member of NBRC	Indian / Foreigner (4 Indian and 4 foreign)	Remarks
	Dr. Norman Haughey Vice Chair for Research Professor, Department of Neurology, Division of Neuroimmunology and Neurological Infections, The Johns Hopkins University School of Medicine. 600 N. Wolfe Street, Baltimore, M.D. 21287, USA Tel: (443) 287-3825 Fax: (410) 955-0672 Email: nhaughe1@jhmi.edu	Neuroinfections, neural stem and progenitor cells	Independent researcher and faculty. Is an expert in the area of the research work of thesis. http://www.hopkinsmedicine.org/profiles/results/directory/profile/6275774/norman-haughey	More than 10 years	No	No	Foreigner	
2.	Prof. Ruth Brack-Werner, Institute of Virology Helmholtz Zentrum München German Research Center for Environmental Health (GmbH) Institute of Virology Ingolstädter Landstr. 1 85764 Neuherberg, GERMANY Email: brack@helmholtz-muenchen.de Tel. +49 89 3187-2923 Fax +49 89 3187-3329	HIV-1, Brain, stem cells	Independent researcher and faculty. Is an expert in the area of the research work of thesis. https://www.helmholtz-muenchen.de/en/viro/research/working-groups/retroviral-persistence-in-humans/hiv-host-interactions/group/ma/899/index.html	More than 10 years	No	No	Foreigner	



Zika Virus Researcher Laura H. Carnell Professor and Chair, Department of Neuroscience Director, Center for Neurovirology Director, Comprehensive NeuroAIDS Center Lewis Katz School of Medicine at Temple University 3500 N. Broad Street, 7th Floor Philadelphia, PA 19140, USA Email: kamel.khalili@temple.edu	and faculty. Is an expert in the area of the research work of thesis. https://medicine.temple.edu/u/kamel-khalili	20 years					
Neural Stem cell Expert Dr. Tongguang David Wang, MD-PhD Head, Neural Differentiation Unit Translational Neuroscience Center NINDS/National Institutes of Health 3000 Rockville Pike Bldg 10 Rm7C106 Bethesda, MD 20892, USA Phone: 301-827-4083 Email: david.wang@nih.gov	Independent researcher. Is an expert in the area of the research work of thesis. https://neuroscience.nih.gov/ninds/ClinicalPrograms/TranslationalNeuroscienceCenter.aspx	More than 10 years	No	No	Foreigner		
Molecular aspects infections Prof Kalpana Luthra Room No-4001, 4th Floor, Department of Biochemistry, Convergence Block, All India Institute of Medical Sciences, Ansari Nagar New Delhi-110029, India Email: kalpanaluthra@gmail.com Ph. +91-11- 26549242, Mobile: +91-9810412301	Independent researcher. Is an expert in the area of the research work of thesis. https://www.aiims.edu/en/news/83-biomedical-engineering/431-dr-kalpana-luthra.html	More than 15 years	No	No	Indian		

6.	Dr. Sujata Mohanty, Ph.D Professor, Centre of Excellence for Stem Cell Research All India Institute of Medical Sciences New Delhi 110029 India Email: drmohantysujata@gmail.com Ph. +91-11- 26593085, 26596649 (O) Mobile: +91 9810291336; 9868398194	Stem Cell biology Expert	Independent researcher. Is an expert in the area of the research work of thesis.	More than 15 years	No	No	Indian	
7.	Dr. Guruprasad R. Medigeshi Wellcome trust-DBT India Alliance Intermediate Fellow, Translational Health Science and Technology Institute, NCR Biotech Science Cluster, 3rd Milestone, Faridabad – Gurgaon Expressway, PO box # 04, Faridabad – 121001 Email: gmedigeshi@thsti.res.in Ph: Off: 0129-2876311; Lab: 0129- 3085312	Expert in Flavivirus	Independent researcher. Is an expert in the area of the research work of thesis. http://thsti.res.in/profile/Guruprasad-R-Medigeshi	More than 10 years	No	No	Indian	
8.	Prof Akhil C. Banerjee Emeritus Scientist National Inst Immunology, New Delhi-110067, India. Email: akhil@nii.res.in or akhil@nii.ac.in or akhil_banerjee@yahoo.com	HIV researcher	Independent researcher. Is an expert in the area of the research work of thesis. http://www.nii.res.in/research/akhil-c-banerjee	More than 20 years	No	No	Indian	

(Signature of the Supervisor)



Annexure-F-2

[Refer to agenda item No. 16(6) (iii)]

Mr./Ms. G. Vinodh Kumar (Name of the Student)

Form "A"

Format For Submitting The Panel Of Examiners For Evaluating The PhD Thesis of NBRC Students

Sl. No.	Name, Address with Tel. No & E-mail ID etc.,	Area of Research	Whether the examiner is an independent Researcher / Faculty Member or	Years of post doctoral experience (Should have at least 5 yrs)	Whether a collaborator at present	Whether Board of Studies/Academic Council Member of NBRC	Indian / Foreigner (minimum 4 Indian examiners)	Remarks
1	Aditya Murthy Center for Neuroscience IISc Bangalore aditya@cns.iisc.ernet.in	Neuroscience	Professor, Neuroscience	>5	No	No	Indian	
2	Supratim Ray Center for Neuroscience IISc Bangalore aditya@cns.iisc.ernet.in	Neuroscience	Associate Professor, Neuroscience	>5	No	No	Indian	
3	Rahul Garg Dept of Computer Science, IIT Delhi rahulgarg@cse.iitd.ac.in	Computer Science	Professor	>5	No	No	Indian	
4	Srinivasa Chakravarthy V. Dept of Biotechnology IIT Chennai schakra@ee.iitm.ac.in	Computational Neuroscience	Professor	>5	No	No	Indian	
5	Petra Ritter Charite Berlin, Germany petra.ritter@charite.de	Neurology	Professor	>5	No	No	Foreign	

Annexure-F-3

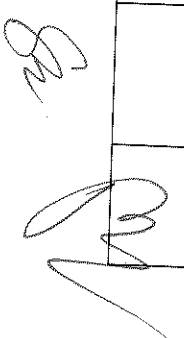
[Refer to agenda item No. 16(f) (iii)]

Mr. Bharat Prajapati (Name of the Student)

Form "A"

Format For Submitting The Panel Of Examiners For Evaluating The PhD Thesis of NBRC Students

Sl. No.	Name, Address with Tel. No & E-mail ID etc.,	Area of Research	Whether the examiner is an	Years of post doctoral experience	Whether a collaborator at present	Whether Board of Studies/Academic Council Member of NBRC	Indian / Foreigner (minimum 4 Indian examiners)	Remarks
1	Beena Pillai Senior Principal scientist, Office:303 CSIR-IGIB, Sukhdev Vihar, Mathura Road, New Delhi - 110 025 Tel: 91-11-29879303 Email: beena@igib.in , beenapillai@igib.res.in	Neural Gene Regulation	Yes	>15	No	No	Indian	
2	Dr. Chinmay Mukhopadhyay Professor Special Centre for Molecular Medicine Jawaharlal Nehru University New Delhi 110 067, India. Off. Phone : 26704559/26717544 Residence : 26711625 E mail : ckm2300@mail.jnu.ac.in	Molecular biology, Cellular and Molecular Neuroscience	Yes	>20		No	Indian	
3	Dr. Neeru Saini Principal Scientist, Lab 210 CSIR-IGIB, Institute of Genomics and Integrative Biology Mall Road, New Delhi - 110 007Tel: 91-11-27666156/ Extn 136 E-mail: nkhanna@igib.res.in , nsaini@igib.res.in	RNA and regulation Molecular biology of disease	Yes	>15		No	Indian	



and Group Leader Centre for Cellular & Molecular Biology Uppal Road, Hyderabad-500 007, India. Tel: 040-27192748 Fax: 040-27160591 Mobile: 09849084365 E-mail: chandakgrc@ccmb.res.in ; chandakgrc@gmail.com ,							
5 Debasisa Mohanty Scientist G NII, Aruna Asaf Ali Marg New Delhi Email: deb@nii.ac.in Mobile: 09818747627	Bioinformatics, Disease Biology	yes	>20		No	Indian	
6 Prof. Sunit K. Singh, Professor of Molecular Immunology, Head, Molecular Biology Unit, Molecular Biology Unit, Faculty of Medicine, Institute of Medical Sciences (IMS) Banaras Hindu University (BHU), Varanasi- 221005 Email: sunitsingh2000@gmail.com	RNA Biology, Molecular Biology of disease	yes	>20		No	Indian	
7. Dr Chinmoy Sankar Dey PhD Professor and J C Bose National Fellow Kusuma School of Biological Sciences Indian Institute of Technology-Delhi Hauz Khas, New Delhi-110016 EMAIL: csdev@bioschool.iitd.ac.in	Cell biology, Biology of chronic disease	yes	>20		No	Indian	
8. Prof Debi P Sarkar Department of Biochemistry University of Delhi, South campus Benito Juarez Marg New delhi Email: Dpsarkar59@gmail.com Mobile No. 9810696767	Cell Biology, Biochemistry	yes	>20		No	Indian	

Mr. Touseef Sheikh (Name of the Student)

Annexure-F-4
[Refer to agenda item No. 16(6) (iii)]
Form "A"

Format For Submitting The Panel Of Examiners For Evaluating The PhD Thesis of NBRC Students

Sr. No.	Name, Address with Tel. No & E-mail I.D etc.,	Area of Research	Whether the examiner is an independent Researcher / Faculty Member or equivalent and has the required expertise in the desired area	Years of post doctoral experience (Should have at least 5 yrs)	Whether a collaborator at present	Whether Board of Studies / Academic Council Member of NBRC	Indian / Foreign (min 4 Indian examiner)	Remarks
1	Neelam Shirsat, PhD Scientist G Advanced Centre for Treatment, Research & Education in Cancer Tata Memorial Centre, Kharghar, Navi Mumbai- 410 208 Email: nshirsat@actrec.gov.in	Cancer Biology	YES	More than 5 years	NO	NO	Indian	
2.	Alok Chandra Bharti, PhD Professor Department of Zoology, University of Delhi, Delhi. 110007 Email : bhartiac2011@gmail.com achharti@zoology.du.ac.in	Cancer Biology	YES	More than 5 years	NO	NO	Indian	
3	Ruby John Anto, PhD Scientist G Division of Cancer Research Rajiv Gandhi Centre for Biotechnology Thiruvananthapuram-14 Email rjanto@rjcb.res.in	Cancer Biology	YES	More than 5 years	NO	NO	Indian	

86

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4.	Mohd. Ayub Qadri, PhD Scientist G National Institute of Immunology Aruna Asaf Ali Marg, New Delhi 110067 Email: ayub@nii.ac.in	Immune signaling	YES	More than 5 years	NO	NO	Indian	
5.	Ritu Kulshreshtha, PhD Associate Professor Department of Biochemical Engineering and Biotechnology Indian Institute of Technology New Delhi-110016 Email: drritukulshreshtha@gmail.com	Cancer Biology	YES	More than 5 years	NO	NO	Indian	
6.	Neeru Saini, PhD Scientist Institute of Genomics and Integrative Biology New Delhi-110029, Email: nsaini@igib.res.in	Cancer Biology Signaling	YES	More than 5 years	NO	NO	Indian	
7.	Rakesh Tyagi, Ph.D. Professor Special Centre for Molecular Medicine Jawaharlal Nehru University New Delhi 110067 Email: rktvyagi@yahoo.com rkt2300@mail.jnu.ac.in	Cellular Signaling Gene regulation	YES	More than 5 years	NO	NO	Indian	
8.	Satish Devadas, Ph.D Scientist-E Institute of Life Sciences Nalco Square, Bhubaneswar-751023 Email: satdevs@ils.res.in	Immune signaling	YES	More than 5 years	NO	NO	Indian	



.(Signature of the Supervisor) Date 26th July, 2019

Mr. Shashi Sekhar Kumar (Name of the Student)

Form "A"

Format For Submitting The Panel Of Examiners For Evaluating The Ph.D. Thesis of NBRC Students

Sl. No.	Name, Address with Tel. No & E-mail ID etc.,	Area of Research	Whether the examiner is an independent Researcher / Faculty Member or equivalent and has the required expertise in the desired area	Years of post doctoral experience (Should have at least 5 yrs)	Whether a collaborator at present	Whether Board of Studies/Academic Council Member of NBRC	Indian / Foreigner (minimum 4 Indian examiners)	Remarks
1	Dr. Amal Chandra Mondal Associate Professor School of Life Sciences Jawaharlal Nehru University New Delhi-110067 Mobile:9717520310 Email: acmondal@mail.jnu.ac.in, amal_mondal@rediffmail.com	Neuro-chemistry/ Neuro-degenerative disease	Yes	More than 10 years	No	No	Indian	
2	Dr. Tushar K. Maiti Associate Professor Regional Centre for Biotechnology 3rd Milestone, Faridabad-Gurgaon Expressway P.O. Box No. 3, Faridabad - 121 001 Haryana E-mail: tkmaiti@rcb.res.in Phone: 0129-2848826	Protein chemistry/ Neuro-degeneration	Yes	More than 8 years	No	No	Indian	
3	Dr. Amal Bera Department of Biotechnology IIT, Chennai Tel: 91-44-2257 4121 e-mail: amal@iitm.ac.in	Neuro-chemistry/ Neuro-physiology	Yes	More than 10 years	No	No	Indian	

8/2

[Signature]

5	University of Delhi(South campus), New delhi-110021 Email: sarkar@south.du.ac.in	Neuroscience /Neuro- degenerative disorders	Yes		More than 10 years	No	No	Indian	
6	Dr. Kripamoy Aguan Department of Biotechnology North Eastern Hill University Shillong-793022 Meghalaya Tel:09774072242 Email: kmaguan@gmail.com	Protein- misfolding /Neuro- degeneration	Yes		More than 10 years	No	No	Indian	
7	Dr. Samir Maji, Department of Bioscience and Bioengineering IIT, Mumbai Tel:022-25767774 E-mail:samirmaji@iitb.ac.in	Neuroscience /Cancer biology	Yes		More than 10 years	No	No	Foreign	
	Dr. S. S. Mandal, Associate Professor Department of Chemistry and Biochemistry The University of Texas at Arlington Arlington, Texas 76019-0065, E-mail: smandal@uta.edu	Neuroscience /Neuro- degenerative disorders	Yes		More than 8 years	No	No	Foreign	
	Dr. Udai Bhan Pandey University of Pittsburgh School of Medicine, 401 Penn Ave, Rangos Research Building, 7121, Pittsburgh, PA 15224 E-mail: udai@pitt.edu								

Nihar Ranjan Jena

Mr. Naman Vatsa (Name of the Student)

Form "A"

Format For Submitting The Panel Of Examiners For Evaluating The PhD Thesis of NBRC Students

Sl. No.	Name, Address with Tel. No & E-mail ID etc.,	Area of Research	Whether the examiner is an independent Researcher / Faculty Member or equivalent and has the required expertise in the desired area	Years of post doctoral experience (Should have at least 5 yrs)	Whether a collaborator at present	Whether Board of Studies /Academic Council Member of NBRC	Indian / Foreigner (minimum 4 Indian examiners)	Remarks
1	Dr. Amal Chandra Mondal Jawaharlal Nehru University New Delhi-110067 Mobile:9717520310 Email: cmondal@mail.jnu.ac.in, amal_mondal@rediffmail.com	Neurochemistry/Neurodegenerative disease	Yes	More than 10 years	No	No	Indian	
2	Dr. Prakash Babu, School of Life Sciences University of Hyderabad Hyderabad- 500 046, AP, Fax: 040-23010120/23010145. Email: ppbsl@uohyd.ernet.in	Neurochemistry/Neurodegeneration	Yes	More than 10 years	No	No	Indian	
3	Dr. Amal Bera Professor Department of Biotechnology IIT, Chennai Tel: 91-44-2257 4121 e-mail: amal@iitm.ac.in	Neurochemistry/Neurophysiology	Yes	More than 10 years	No	No	Indian	

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4	Dr. Beena Pillai Scientist, Room No: 303 CSIR-IGIB, Sukhdev Vihar, Mathura Road, New Delhi - 110 020 Tel: 91-11-29879 303 e-mail: beena@igib.in	Neuroscience	Yes	More than 8 years	No	No	Indian	
5	Dr. Kripamoy Aguan Department of Biotechnology North Eastern Hill University Shillong-793022 Tel: 09774072242 Email: kmaguan@gmail.com	Neuroscience/Neurodegenerative disorders	Yes	More than 10 years	No	No	Indian	
6	Dr. Arun Bandyopadhyay, Cell Biology and Physiology Division Indian Institute of Chemical Biology 4, Raja S. C. Mullick Road Jadavpur, Kolkata 700032, Phone +913324995791 (O), 9433516720 (Mobile) E-mail: arunb@iicb.res.in	Biochemistry	Yes	More than 10 years	No	No	Indian	
7	Dr. S. S. Mandal, Department of Chemistry and Biochemistry The University of Texas at Arlington Arlington, Texas 76019-0065, E-mail: smandal@uta.edu	Neuroscience/Cancer biology	Yes	More than 10 years	No	No	Foreign	
8	Dr. Udai Bhan Pandey Associate Professor of Genetics and Neuroscience Louisiana State University Health Sciences Center 533 Bolivar Street CSRB 748B New Orleans, LA 70112 Ph (504)-568-4617 E-mail: upande@lsuhsc.edu	Neuroscience/Neurodegenerative disorders	Yes	More than 8 years	No	No	Foreign	