

NATIONAL BRAIN RESEARCH CENTRE



MINUTES OF THE
14TH MEETING OF THE BOARD OF STUDIES
held on 06th APRIL 2016

Minutes of the 14th Meeting of the Board of Studies of NBRC

held on 06th April 2016 at 3.30 pm. at NBRC, Manesar

The 14 Meeting of the Board of Studies of NBRC was held on 06th April 2016 at NBRC. The following members attended the meeting:

1. Prof. Subrata Sinha Director, NBRC	Chairman
2. Prof. Krishnamurthy Natarajan Dr. B.R.Ambedkar Centre of Biomedical Research University of Delhi	Member
3. Prof. Chitra Sarkar AIIMS, New Delhi	Member
4. Prof. Prasun Roy Scientist VII, NBRC	Member
5. Prof. Neeraj Jain Scientist VII, NBRC	Member
6. Prof. Pravat Mandal Scientist VI, NBRC	Member
7. Prof. Nihar Jana Scientist VI, NBRC	Member
8. Prof. Pankaj Seth Scientist VI, NBRC	Member
9. Prof. Nandini Singh Scientist VI, NBRC	Member
10. Prof. Shiv Sharma Scientist VI, NBRC	Member
11. Dr. Anirban Basu Scientist V, NBRC	Member
12. Dr. Ellora Sen Scientist V, NBRC	Member
13. Dr. Ranjit Giri Scientist V, NBRC	Member
14. Dr. Yoganarasimha Scientist IV, NBRC	Member
15. Dr. Sourav Banerjee Scientist IV, NBRC	Member
16. Dr. Arpan Banerjee Scientist IV, NBRC	Member
17. Dr. Anindya Ghosh Roy Scientist IV, NBRC	Member

Item No. 14(1): Welcome by the Chairman, Board of Studies

Prof. Subrata Sinha, Chairman, BOS, welcomed the Members to the 14th meeting of the BOS and introduced external members of the BOS Prof. Krishnamurthy Natarajan and Prof. Chitra Sarkar to other members of the BOS.

Item No. 14(2): Confirmation of the minutes of the 13th meeting of the BOS held on 07th October 2014

As there were no comments received from the members of BOS, the minutes of 13th meeting of BOS was confirmed (**Annexure_A**)

Item No. 14(3): Action taken on the recommendations made by BOS in its 13th meeting

BOS members reviewed the action taken on the recommendations made in the 13th meeting of BOS and noted (1) implementation of the revised syllabus for MSc (Neuroscience) practicals and (2) rephrasing of the content of the relevant regulation related to submission of synopsis and thesis.

Item No. 14(4): Approval of Doctoral Committees for Integrated PhD and PhD Students (2014 batch)

BOS approved the Doctoral Committees for the following students:

1. Mr. Raghav Shankar
2. Ms. Arti Kumari
3. Ms. Mukta Kumari
4. Mr. Tipu Khan
5. Mr. Dharmendra Puri
6. Mr. Gourav Sharma
7. Ms. Shelly Pal
8. Mr. Pruthvi S.G.
9. Ms. Harjot Kaur

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

Item No. 14(5): Ratification points:

The board of Studies ratified the following points:

- (i) Nomination of Prof. Shiv Kumar Sharma as Supervisor of Mr. Deepak Poria, Integrated PhD student, NBRC.
- (ii) (a) The Doctoral Committees for following Integrated PhD and PhD students (2013 batch):
 1. Ms. Atrayee Basu
 2. Ms. Shruti F.Nagaral
 3. Ms. Priyanka
 4. Mr. Neeraj Singh

The approved list of Doctoral Committees is enclosed as **Annexure_C**



- (b) Replacement of a member in the Doctoral Committee of Mr. S.Balakumar, enclosed as **Annexure_D**
- (c) Inclusion of an additional member in the Doctoral Committee of Mr. G.Vinodh Kumar, enclosed as **Annexure_E**
- (iii) Revised list of four foreign examiners for evaluating the PhD thesis of Mr. Atul Gopal P.A. enclosed as **Annexure_F**
- (iv) List of examiners for evaluating the thesis of the following students
 - 1) Ms. Piyushi Gupta enclosed as **Annexure_G**
 - 2) Ms. Avantika Mathur enclosed as **Annexure_H**
 - 3) Ms. Mahar Fatima enclosed as **Annexure_I**

Item No. 14(6): Revision of Doctoral Committee Members

BOS approved the inclusion of member in the Doctoral Committee of Ms. Atrayee Basu, Integrated PhD student, enclosed as **Annexure_J**

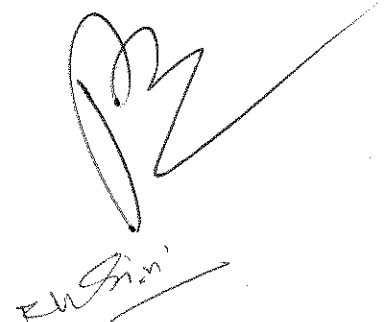
Item No. 14(7): Evaluation of PhD thesis by foreign examiners

BOS members discussed the matter regarding availability of examiners with expertise in the field within India currently and also the time spent on getting the PhD thesis evaluated outside India in detail and decided that the evaluation of PhD thesis by foreign examiner be made optional.

Accordingly, the **Form "A"** (Format for submitting the panel of examiners for evaluating the PhD thesis of NBRC students) is modified and enclosed as **Annexure_K**

Item No. 14(8): Any other point with the permission of the Chair.

The meeting ended with vote of thanks to the Chair, as there were no other points for discussion.



Annexure_A

[Refers to item No 14 (2)]

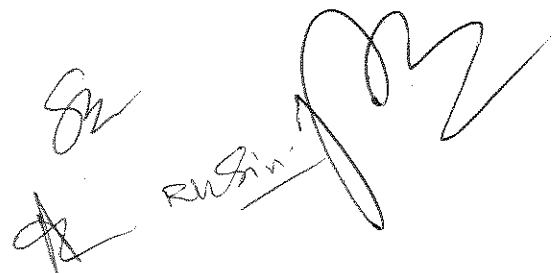
**Minutes of the 13th Meeting of the Board of Studies of NBRC held on
07th October 2014 at 12 Noon at NBRC, Manesar – 122 051**

The 13th Meeting of the Board of Studies of NBRC was held on 07th October 2014 at NBRC. The following attended the meeting :

- | | |
|--|----------|
| 1. Prof. Subrata Sinha
Director, NBRC | Chairman |
| 2. Prof. D. N. Rao
IISC, Bangalore | Member |
| 3. Prof. Rohit Manchanda
IIT, Bombay | Member |
| 4. Prof. P.K. Roy
Scientist VII, NBRC | Member |
| 5. Prof. Neeraj Jain
Scientist VII, NBRC | Member |
| 6. Prof. Pankaj Seth
Scientist VI, NBRC | Member |
| 7. Dr. Shiv K. Sharma
Scientist V, NBRC | Member |
| 8. Dr. Soumya Iyengar
Scientist V, NBRC | Member |
| 9. Dr. Anirban Basu
Scientist V, NBRC | Member |
| 10. Dr. Ellora Sen
Scientist V, NBRC | Member |
| 11. Dr. Yoganarasimha
Scientist IV, NBRC | Member |
| 12. Dr. Ranjit Giri
Scientist IV, NBRC | Member |
| 13. Dr. Sourav Banerjee
Scientist IV, NBRC | Member |
| 14. Dr. Arpan Banerjee
Scientist IV, NBRC | Member |
| 15. Dr. Anindya Ghosh Roy
Scientist IV, NBRC | Member |
| 16. Dr. Amitabha Majumdar
Scientist IV, NBRC | Member |
| 17. Mr. K.V. S. Kameswara Rao
Registrar, NBRC | Member |

Item No. 13(1): Welcome by Chairperson

Prof. Subrata Sinha, Chairman, Board of Studies welcomed all the Members to the 13th meeting of the Board of Studies of NBRC.



Chairman, Board of Studies also welcomed new members of Board of Studies, Dr. Anindya Ghosh Roy and Dr. Amitabha Majumdar, joined as Associate Professors & Scientist IV at NBRC and introduced them to Prof. D.N.Rao and Prof. Rohit Manchanda.

Item No. 13(2): **Confirmation of the minutes of the 12th meeting of the Board of Studies held on 12th September 2013 (Annexure-A)**

As there are no comments received from the members of BOS, the minutes of 12th meeting of BOS of NBRC were confirmed and attached herewith as **Annexure – A**.

Item No. 13(3): **Action taken on the recommendations made by Board of Studies in its twelveth meeting**

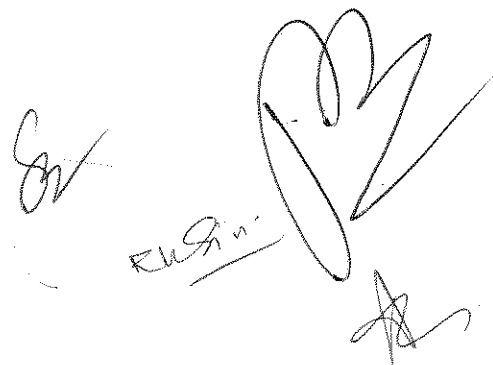
Members of Board of Studies noted the action taken on the recommendations made in the 12th meeting of Board of Studies of NBRC and noted the implementation of the revised syllabus of the Coursework subjects, restructuring the Lab Rotation and Inclusion of Clinical Neuroscience lectures in the Coursework.

Item No. 13(4): **Approval of Doctoral Committees for Int. Ph.D. and Ph. D. 2012 and 2013 Students**

BOS approved the Doctoral Committees for the following students :

1. Mr. Hriday Shankar Pandey
2. Mr. Abhishek Kumar Verma
3. Mr. Vikas Pareek
4. Ms. Reshma
5. Mr. Vipendra Kumar
6. Mr. Shashi Shekhar Kumar
7. Mr. Touseef Ahmad Sheikh
8. Mr. Biswaranjan Sahoo
9. Ms. Pushpa Kumari
10. Ms. Shalini Swaroop
11. Mr. Indrajith R.Nair
12. Mr. Tushar Arora
13. Mr. S.Balakumar
14. Mr. G.Vinodh Kumar

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

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Item No. 13(5): Approval of panel of examiners for evaluation of Ph.D. thesis

BOS approved the panel of examiners for evaluation of Ph.D. theses of the following students :

1. Mr. Ajit Ray
 2. Mr. Atul Gopal P.A.
 3. Mr. Sourish Ghosh
 4. Ms. Ruchi Ghildiyal
 5. Mr. Fahim Ahmad
 6. Ms. Sharika Cherodath
 7. Ms. Manju Tewari
 8. Mr. Pankaj S.Ghate
- (Annexures C-1 to C-8)

Item No. 13(6): Revision of Syllabus of M.Sc. (Neuroscience) Practicals.

The Board of Studies discussed on the revision of syllabus of M.Sc. (Neuroscience) practicals and approved the revised one as per Annexure -D.

Item No. 13(7): Ratification of revision of syllabus of Membrane Biophysics

The Board of Studies ratified the revision of syllabus of Membrane Biophysics.

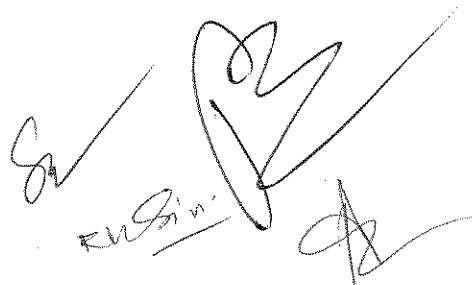
Item No.13(8): Submission of Synopsis and Thesis- rephrasing the content of the relevant Regulation

The Board of Studies discussed on the need for rephrasing the content of the relevant Regulation related to submission of Synopsis and Thesis. BOS approved the rule to be rephrased as follows :

1. The synopsis should be submitted by the student who is in the finishing stage of his / her research work. The synopsis should be seen by the Doctoral Committee and after obtaining approval of the Doctoral Committee, the student should submit the thesis subsequently.

Item No.13(9): Evaluation of Ph.D. thesis by foreign examiners

The agenda point has been deferred.

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Item No.13(10): Any other point with the permission of the Chair.

Item No.13(10)(i) Revised list of examiners for evaluating the Ph.D. thesis in respect of Mr. Sadashib Ghosh

The Board of Studies approved the revised panel of examiners for evaluation of Ph.D. theses of Mr. Sadashib Ghosh. The approved list of examiners is enclosed as **Annexure C-9**.

The meeting ended with vote of thanks to the Chair, as there was no other agenda item for discussion.

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Annexure_B

[Refers to item No. 14 (4)]

List of Doctoral Committees for Integrated PhD and PhD Students (2014 batch)

Mr. Raghav Shankar	
Prof. Neeraj Jain (Supervisor)	Prof. Shiv Sharma (Co-Supervisor)
Dr. Arpan Banerjee (Member)	Dr. Yoganarasimha (Member)

Ms. Arti Kumari	
Prof. Neeraj Jain (Supervisor)	Dr. Yoganarasimha (Co-Supervisor)
Prof. Shiv Sharma (Member)	Dr. Anindya Ghosh Roy (Member)

Ms. Mukta Kumari	
Dr. Soumya Iyengar (Supervisor)	Prof. N.R.Jana (Co-Supervisor)
Prof. Neeraj Jain (Member)	Dr. Anirban Basu (Member)

Md. Tipu Khan	
Dr. Sourav Banerjee (Supervisor)	Prof. Pankaj Seth (Co-Supervisor)
Dr. Anirban Basu (Member)	Prof. Shiv Sharma (Member)

Mr. Dharmendra Puri	
Dr. Anindya Ghosh Roy (Supervisor)	Dr. Sourav Banerjee (Co-Supervisor)
Prof. N.R.Jana (Member)	Dr. Ellora Sen (Member)



Mr. Gourav Sharma	
Dr. Sourav Banerjee (Supervisor)	Prof. N.R.Jana (Co-Supervisor)
Dr. Anindya Ghosh Roy (Member)	Prof. Pankaj Seth (Member)

Ms. Shelly Pal	
Dr. Yoganarasimha (Supervisor)	Dr. Arpan Banerjee (Co-Supervisor)
Prof. Neeraj Jain (Member)	Dr. Soumya Iyengar (Member)

Mr. Pruthvi S.G	
Dr. Ellora Sen (Supervisor)	Prof. Pankaj Seth (Co-Supervisor)
Prof. N.R.Jana (Member)	Dr. Anindya Ghosh Roy (Member)

Ms. Harjot Kaur	
Dr. Anindya Ghosh Roy (Supervisor)	Dr. Arpan Banerjee (Co-Supervisor)
Dr. Soymya Iyengar (Member)	Dr. Yoganarasimha (Member)

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Annexure_C

[Refers to item No. 14 (5) (ii) (a)]

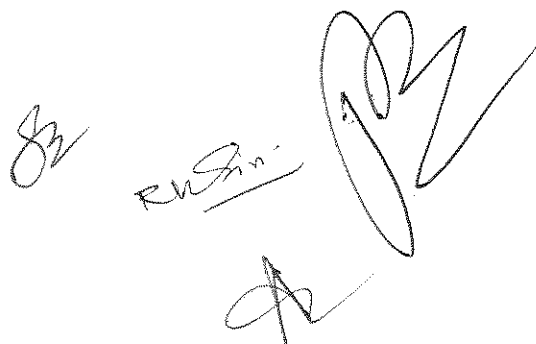
List of Doctoral Committee Members for Integrated PhD and PhD Students (2013 batch)

Ms. Atrayee Basu	
Dr. Anindya Ghosh Roy (Supervisor)	Prof. Neeraj Jain (Co-Supervisor)
Dr. Arpan Banerjee (Member)	Dr. Arnab Mukhopadhyay (External Member from NII)

Ms. Shruti F.Nagaral	
Prof. N.R.Jana (Supervisor)	Dr. Sourav Banerjee (Co-Supervisor)
Dr. Anindya Ghosh Roy (Member)	Dr. Soumya Iyengar (Member)

Ms. Priyanka	
Prof. Pankaj Seth (Supervisor)	Dr. Anirban Basu (Co-Supervisor)
Prof. N.R.Jana (Member)	Dr. Anindya Ghosh Roy (Member)

Mr. Neeraj Singh	
Dr. Anindya Ghosh Roy (Supervisor)	Dr. Sourav Banerjee (Co-Supervisor)
Prof. N.R.Jana (Member)	Dr. Saima Aijaz (External Member from JNU)



Annexure_D

[Refers to item No. 14 (5) (ii) (b)]

Revised List of Doctoral Committee Members of Mr. S.Balakumar, Ph.D. Student

Old	Revised
1. Dr. Sourav Banerjee (Supervisor)	1. Dr. Sourav Banerjee (Supervisor)
2. Dr. Soumya Iyengar (Co-Supervisor)	2. Dr. Soumya Iyengar (Co-Supervisor)
3. Dr. Amitabha Majumdar (Member)	3. Prof. N. R. Jana (Member)
4. Dr. Anindya Ghosh Roy (Member)	4. Dr. Anindya Ghosh Roy (Member)

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Annexure_E

[Refers to item No. 14 (5) (ii) (c)]

Revised List of Doctoral Committee Members of Mr. Vinodh Kumar, Ph.D. Student

Old	Revised
1. Dr. Arpan Banerjee (Supervisor)	1. Dr. Arpan Banerjee (Supervisor)
2. Prof. Neeraj Jain (Co-Supervisor)	2. Prof. Neeraj Jain (Co-Supervisor)
3. Prof. Nandini C Singh (Member	3. Prof. Nandini C Singh (Member
4. Dr. D. Yoganasimha (Member)	4. Dr. D. Yoganasimha (Member)
	5. Dr. Soumya Iyengar (Member)

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Annexure F
[Refers to item No 14 (5) (iii)]

Mr. Atul Gopal P.A.

Format for submitting the panel of examiners for evaluating the Ph.D 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 / Foreigner (4 Indian and 4 foreign)	Remarks
1.	Dr. Bapi Raju Surampudi Visiting Professor Cognitive Science Lab, B5-101 Vindhya C-4 International Institute of Information Technology (IIIT) Gachibowli, Hyderabad - 500 032 Office: +91-40-6653 1526 email: raju.bapi@iit.ac.in; bapiks@yahoo.co.in	Cognitive Neuroscience	YES	>5	NO	NO	INDIAN	
2.	V. Srinivasa Chakravarthy Department of Biotechnology, Indian Institute of Technology Madras Chennai 600036 India. Tel: (044) 2256 4115 srinivasa.chakravarthy@gmail.com	Motor Control	YES	>5	NO	NO	INDIAN	

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3.	Dr. Sanjay Sane NCBS, TIFR GKVK Campus, Hebbal, Bangalore sane@ncbs.res.in	Neuroscience	YES	>5	NO	NO	INDIAN	
4.	Dr. Narayanan Srinivasan Professor & Head Centre of Behavioural and Cognitive Sciences University of Allahabad Allahabad 211002, India annmuns@yahoo.com	Cognition	YES	>5	NO	NO	INDIAN	
5.	Dr. Giovanni Mirabella Dipartimento di Fisiologia Umana e Farmacologia Università La Sapienza Piazzale Aldo Moro 5 00185 Rome (Italy) Fax Work: +39/06/4454857 Tel. Work: +39/06/49912312 giovanni.mirabella@uniroma1.it	Motor Control	YES	>5	NO	NO	FOREIGN	
6.	Dr. Martin Pare Department of Biomedical and Molecular Sciences Queen's University Botterell Hall, room 438 Kingston, ON K7L 3N6 Canada Phone 613 533-3107 Fax 613 533-6840, 6880	Motor Control	YES	>5	NO	NO	FOREIGN	

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	E-mail martin.pare@queensu.ca						
7.	Denise Henriques Sensorimotor Control Lab York University 4700 Keele Street Toronto, Ontario M3J 1P3 Canada 416-736-2100 ext. 77215 email: deniseh@yorku.ca	Motor Control	YES	>5	NO	NO	FOREIGN
8.	Dr. Brian Corneil Robarts Research Institute 100 Perth Drive, Dock 50 London, ON, Canada, N6A 5K8 Tel: 519-663-5777, x24132 Fax: 519-931-5233 Email: bcorneil@uwo.ca	Motor Control	YES	>5	NO	NO	FOREIGN

Sen

Aditya

RM

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(Signature of the Supervisor)

Dated 06 October 2015

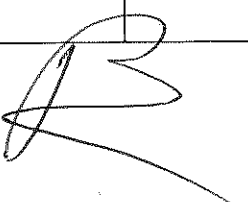
Mr. Piyushi Gupta

Annexure _G
[Refers to item No 14 (5) (iv) (1)]

Format for submitting the panel of examiners for evaluating the Ph.D Thesis of NBRC students

Sr. 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 (4 Indian and 4 foreign)	Remarks
1	Sushanta Banerjee, PhD Professor, Division of Hematology and Oncology Department of Medicine, University of Kansas Medical Center, Kansas City, Kansas Cancer Research Unit, Research Division 151, VA Medical Center, 4801 Linwood Boulevard, Kansas City, MO 64128, USA sbanerjee2@kumc.edu	Cancer biology Cellular Signaling	YES	More than 5 years	NO	NO	Foreign	
2.	Renu Wadhwa PhD Prime Senior Researcher Biomedical Research Institute National Institute of Advanced Industrial Science & Technology (AIST) Central 4, 1-1-1 Higashi, Tsukuba, Ibaraki - 305 8562, Japan renu-wadhwa@aist.go.jp	Cellular signaling, Cancer Biology	YES	More than 5 years	NO	NO	Foreign	

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3	Ratna B. Ray, Ph. D. Professor Saint Louis University Department of Pathology Edward A. Doisy Research Center, RM. 207 1100 S. Grand Blvd. St. Louis, MO 63104 USA Email: rayrb@slu.edu	Cancer Biology, Cellular Signaling	YES	More than 5 years	NO	NO	Foreign	
4.	Dr. Peter Walden Professor, Head of the Clinical Research Group Cutaneous Tumors Department of Dermatology, Charité University Medicine Berlin, Humboldt University, Germany Email: peter.walden@charite.de	Cancer Immunology	YES	More than 5 years	NO	NO	Foreign	
5.	Chinmay K. Mukhopadhyay Professor, Special Centre for Molecular Medicine, Jawaharlal Nehru University, New Delhi-110 067 Email ckm2300@mail.inu.ac.in	Cellular Signalling, Metabolism,	YES	More than 5 years	NO	NO	Indian	

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6.	Alo Nag, PhD Associate Professor, Department of Biochemistry, Univ. of Delhi South Campus, New Biotech Building – 2nd Floor Benito Juarez Road, Dhaura Kuan New Delhi- 110021 Email: alonag22@gmail.com	Cancer Biology, Signaling	YES	More than 5 years	NO	NO	Indian	
7.	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	
8.	Ruby John Anto, Scientist E-II Cancer Research Program Division of Cancer Research Rajiv Gandhi Centre for Biotechnology Thiruvananthapuram-14 Email: rjanto@rgcb.res.in	Cancer Biology, Signaling	YES	More than 5 years	NO	NO	Indian	

(Signature of the Supervisor)

Dated 03 December 2015

Annexure H

[Refers to item No 14 (5) (iv) (2)]

Ms. Avantiha Mathur

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 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
1	Prof. Narayanan Srinivasan, Prof. and Head Centre for Behavioural and Cognitive Science, University of Allahabad Allahabad - Email - <nsrini@cbs.ac.in>	Cognitive Science	Yes	> 10 yrs	No	No	Indian	
2	Dr. Senthil Kumaran Associate Professor Dept. of Radiology AIIMS, New Delhi Email - <senthilsk@yahoo.com>	Neuroimaging	Yes	> 10 yrs	No	No	Indian	
3	Dr. Bhoomika Kar Professor Centre for Behavioural and Cognitive Science, University of Allahabad Allahabad - Email - bhoomika@cbs.ac.in	Cognition	Yes	> 10 years	No	No	Indian	

4	Dr. Ranjan Sengupta Sir C.V. Raman Centre for Physics & Music, J.U., Kolkata-700032. Email :sgranjan@gmail.com	Music Cognition	Yes	> 5 years	No	No	Indian	
5	Dr. Isabelle Peretz International Laboratory of Brain, Music and Sound BRAMS - Suite 0-120 Pavillon 1420 boul. Mont Royal Université de Montréal C.P. 6128 - Station Centre ville Montréal (QC) H3C 3J7 Email - <isabelle.peretz@umontreal.ca>	Music Cognition	Yes	> 10 years	No	No	Foreign	
6	Dr. Vinod Menon Professor, Psychiatry and Behavioral Sciences Stanford Cognitive and Systems Neuroscience Laboratory Stanford University 1070 Arastradero Rd, Suite 220 Palo Alto, CA 94304, USA Email – menon@stanford.edu	Cognitive Science	Yes	> 10 years	No	No	Foreign	




7	Dr. Krista Hyde International Laboratory of Brain, Music and Sound BRAMS - Suite 0-120 Pavillon 1420 boul. Mont Royal Université de Montréal C.P. 6128 - Station Centre ville Montréal (QC) H3C 3J7 Email - krista.hyde@mcgill.ca	Music Cognition	Yes	> 10 years	No	No	Foreign	
8.	Dr. David Melcher Associate Professor Associate Professor Center for Mind/Brain Sciences (CIMeC) and Department of Psychology and Cognitive Sciences University of Trento, Italy Email – david.melcher@unitn.it	Cognitive Science	Yes	> 10 years	No	No	Foreign	

Prof. Nandini C Singh

(Signature of the Supervisor)

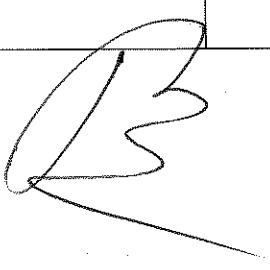
Dated 27 December 2015

Ms. Mahar Fatima

Annexure_I
[Refers to item No 14 (5) (iv) (3)]

Format for submitting the panel of examiners for evaluating the Ph.D 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 / Foreigner (4 Indian and 4 foreign)	
1	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 Email: nhaughe1@jhmi.edu	HIV-1 and Brain, 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	Foreign	
2.	Prof. Ruth Brack-Werner, Deputy Director, Institute of Virology, Helmholtz Zentrum München German Research Center for Environmental Health (GmbH) Institute of Virology Ingolstädter Landstr. 1 85764 Neuherberg GERMANY brack@helmholtz-muenchen.de Tel. +49 89 3187-2923	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	Foreign	



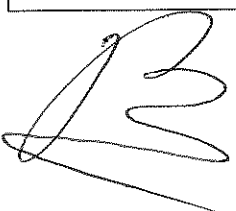
3.	Prof. Joan Berman, Ph.D Albert Einstein College of Medicine Jack and Pearl Resnick Campus 1300 Morris Park Avenue Forchheimer Building, Room 727 Bronx, NY 10461 USA Tel: 718.430.2587 Fax: 718.430.8541 Email: joan.berman@einstein.yu.edu	HIV-1 Reseracher	Independent researcher and faculty. Is an expert in the area of the research work of thesis. http://www.einstein.yu.edu/faculty/3913/joan-berman/	More than 10 years	No	No	Foreign	
4.	Dr. Tongguang David Wang, MD- PhD Head, Neural Differentiation Unit Translational Neuroscience Center NINDS/National Institutes of Health 9000 Rockville Pike Bldg 10 Rm7C106 Bethesda, MD 20892 USA Phone: 301-827-4083 Email: david.wang@nih.gov	Stem cell Expert	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	Foreign	
5.	Dr. Sujata Mohanty, Ph.D Additional 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 Fax: +91-11-26588641, 26588663	Stem cell Expert	Independent researcher. Is an expert in the area of the research work of thesis. http://www.aiims.edu/en/2014-12-18-09-05-12/stem-faculty/191-stem-cell-faculty/4110-dr-sujata-mohanty_19.html	More than 10 years	No	No	Indian	

6.	Dr. Shahid Jameel International Senior Research Fellow of the Wellcome Trust Group Leader, Virology ICGER, Aruna Asaf Ali Marg, New Delhi 110067, India Ph: 91-11-26741680; Email: jameelshahid@gmail.com	Virologist	Independent researcher. Is an expert in the area of the research work of thesis.	More than 10 years	No	No	Indian	
7.	Dr. Shyamala Mani Associate Professor Centre of NeuroScience Old TIFR Building Indian Institute of Science Bangalore – 560012 India Email: shyamala@cns.iisc.ernet.in Tel: +91 80 2293 3435 Mobile: +91-9901564988	Developmental biologist	Independent researcher. Is an expert in the area of the research work of thesis. http://www.cns.iisc.ernet.in/shyamala/research.html	More than 10 years	No	No	Indian	
8.	Dr. Debashis Mitra, PhD Senior Scientist National Centre for Cell Science, NCCS Complex, Ganeshkhind, Pune -41 1007, Maharashtra, Ph: 020 - 25690922, 25690941 / 51/61 extn: 298 dmitra@nccs.res.in	HIV researcher	Independent researcher. Is an expert in the area of the research work of thesis. http://www.nccs.res.in/mitra1.html	More than 10 years	No	No	Indian	

Prof. Pankaj Seth

(Signature of the Supervisor)

Dated 15 February 2016

Annexure_J

[Refers to item No. 14 (6)]

Revised Doctoral Committee of Ms. Atrayee Basu, Integrated PhD Student

Old	Revised
1. Dr. Anindya Ghosh Roy (Supervisor)	1. Dr. Anindya Ghosh Roy (Supervisor)
2. Prof. Neeraj Jain (Co-Supervisor)	2. Prof. Neeraj Jain (Co-Supervisor)
3. Dr. Arpan Banerjee (Member	3. Dr. Arpan Banerjee (Member
4. Dr. Arnab Mukhopadhyay (External Member from NII)	4. Dr. Sourav Banerjee (Member)
	5. Dr. Arnab Mukhopadhyay (External Member from NII)

Em

RuZin

Annexure_K

[Refers to Item No. 14 (7)]

Mr./Ms. _____ (Name of the Student)

ORIGINAL

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 (4 Indian and 4 foreign)	Remarks
1								
2								
3								
4								
5								
6								
7								
8								

(Signature of the Supervisor)

Mr./Ms. _____ (Name of the Student)

MODIFIED

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								
2								
3								
4								
5								
6								
7								
8								

(Signature of the Supervisor)