



Government of India
Homi Bhabha National Institute
Administrative Office: Bioscience Group,
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May 01, 2017

Sub: 22nd Meeting of HBNI's Board of Studies in Life Sciences

A meeting of the Homi Bhabha National Institute's Board of Studies in Life Sciences (HBNI-BoS-LS) was held on Thursday, 20th April 2017 at 10.30 h in Bioscience Group Director's Office, BARC. The following members were present:

1. Prof. B. J. Rao
2. Prof. S. V. Chiplunkar
3. Prof. Rajiv Sarin
4. Prof. Abhijit Chakrabarty
5. Prof. P. Suprasanna
6. Prof. H.S. Misra
7. Dr. Santosh Kumar
8. Dr. S. Gautam
9. Prof. S. Chattopadhyay

The following agenda items were discussed:

1. Consideration of applications for recognition as Ph.D. guides in Life Sciences.

Four applications for recognition as Ph. D. Guide of HBNI in the area of Life Sciences were considered by the board. Of these three cases were approved for the Ph.D. guideship in Life Sciences, as specified in Annexure I, since they met the required criteria. One case of Dr. Archana Damle has been deferred due to

lack of adequate information for judgement. She may resubmit her application with a one page proposal on proposed Ph. D. projects.

2. Approval of examiners for synopses of Ph.D. Theses submitted by 13 students:

Synopses of Ph. D. Theses in Life Sciences of one student from BARC, eleven from TMC-ACTREC and one from NISER were discussed along with the list of examiners recommended by their respective doctoral committees. The necessary requirements of (i) successful completion of course work and OGCE, (ii) four doctoral committee reports, and (iii) at least one good/decent journal publication, have been fulfilled by 10 of the 13 students. The committee recommended a list of 4 examiners for each of the 10 Ph. D. Thesis as shown in Annexure II. In some cases new names that were not suggested by DC, were recommended since the names suggested by DC were not appropriate for the subject/topic. The publications of Mr. Pratik Chaudhari (LIFE09201204012), Ms. Sonali Shrinivas Vishal (LIFE09201104010) and Mr. Satishkumar V. Singh (LIFE09201004012), submitted along with their synopsis are not in reputed journals. They may be asked to resubmit their synopsis with at least one publication in a reputed peer-reviewed journal.

3. Extension of Ph.D. tenure for three students

Extension for completion of writing and submitting synopsis/thesis was approved by BoS-LS. The duration and justifications for such extensions are shown in Annexure III.

4. Change of Ph. D. title of one student enrolled in Ph. D. programme in Life Sciences of HBNI

The Doctoral committees of Ms. Anuradha Nair and Mr. Gopalbhai Lavjibhai Chovatia had recommended changes of their thesis titles. The change of topic for Mr. Gopalbhai Lavjibhai Chovatia was approved by the board, while the original title was retained for Ms. Anuradha Nair. The new title, approved by the board is shown in Annexure IV.

5. Any other item.

The Life Sciences syllabus of BARC (OCES-BS), SINP and ACTREC were discussed and ratified by the board.

To,
Dean, HBNI


(Convenor, HBNI-BoS-LS)

डॉ. स. चट्टोपाध्याय/Dr. S. Chattopadhyay
निदेशक/Director
जैव-विज्ञान वर्ग/Bio-Science Group
भाभा परमाणु अनुसंधान केंद्र/Bhabha Atomic Research Centre
भारत सरकार/Government of India
ट्रॉम्बे, मुंबई-४०० ०८५./Trombay, Mumbai-400 085.



**TATA MEMORIAL CENTRE
ADVANCED CENTRE FOR TREATMENT, RESEARCH AND
EDUCATION IN CANCER
KHARGHAR, NAVI MUMBAI – 410210
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Prof. S.V. Chiplunkar
Director, ACTREC
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Ref: DIR/ACTREC/HBNI-BoS-LS/25/2018

31st July, 2018

Sub: Minutes of 25th Meeting of HBNI's Board of Studies in Life Sciences

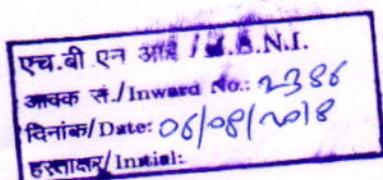
A meeting of the Homi Bhabha National Institute's Board of Studies in Life Sciences (HBNI-BoS-LS) was held on Friday, 19th July, 2018 at 10.30 a.m. in Board Room, 3rd floor, Paymaster Shodhika, ACTREC. The following members were present:

1. Prof. S. V. Chiplunkar, (TMC-ACTREC)
2. Prof. D.K. Maity, (HBNI)
3. Dr. Hema Rajaram, (BARC)
4. Prof. Rajiv Sarin, (TMC-ACTREC)
5. Dr. Abhijit Chakraborty, (SINP)
6. Prof. H. S. Misra, (BARC)
7. Prof. P. Suprasanna, (BARC)
8. Prof. S. Santosh Kumar, (BARC)
9. Prof. S. Gautam, (BARC)
10. Dr. Haripriya Mohapatra, (NISER)
11. Dr. Sharmila Bapat, (NCCS, Pune)

The following agenda items were discussed:

1. Faculty performance data:

Dr. Maity, Associate Dean HBNI briefed the members about the faculty performance evaluation procedure. A trial was carried out with 2 faculty forms to access the scoring. Dr. Maity also informed that a meeting will be called by Hon. Vice Chancellor, HBNI to discuss this matter.



Ms. Purna for n/c and record in Bos-life Sciences file.

2. Consideration of applications for recognition as Ph.D. guides in Life Sciences.

Five applications for recognition as Ph. D. Guide and one for PG-Teacher of HBNI in the area of Life Sciences were considered by the board. One case from TMC-ACTREC was discussed in BOS and members recommended the case for PG-teacher as it met the required criteria. Another case from BARC was discussed in BOS and members recommended the case for PG-guide as it met all required criteria. One case from BARC was kept on hold as it was not forwarded through proper channel. Two cases from RRCAT and BARC were not approved as they have done their Ph.D. in 2016 and 2015 respectively. The members were of the opinion that applicant should have more publications from post Ph.D. work and may apply after 3 years (post Ph.D.) One case from TMC-ACTREC was not approved as publications were not adequate and not in good journals. The committee noted that he is appointed at ACTREC on 15th February, 2017 and needs to develop his own area of research. (Details are shown in **Annexure II**).

3. Approval of examiners for synopses of Ph.D. Theses submitted by 6 students:

Synopsis of Ph. D. thesis in Life Sciences of 2 students from TMC-ACTREC and 4 students from NISER were discussed along with the list of examiners suggested by their respective doctoral committees. The necessary requirements of (i) successful completion of course work and OGCE, (ii) four doctoral committee reports, and (iii) at least one journal publication, have been fulfilled by the 2 students of TMC-ACTREC and 4 students of NISER. The committee recommended a list of 4 examiners for each Ph. D. thesis as shown in **Annexure III**.

4. Academic Extension for 7th year of 7 Ph.D. students, enrolled in Ph. D. Programme in Life Sciences of HBNI.

Academic Extension for 7th year of 6 Ph.D. students; 2 students from TMC-ACTREC, 1 student from BARC and 3 students from NISER; were approved by BoS-LS as shown in **Annexure IV**. All the cases were discussed in detail. 1 year extension is approved by BOS-LS (**as shown in Annexure IV**).

5. Academic Extension for 8th year of 1 student from TMC-ACTREC, enrolled in Ph. D. Programme in Life Sciences of HBNI.

The case was discussed in detail. The committee noted that the candidate has submitted one first author manuscript and it is under review. Considering the medical leave taken by the candidate due to an accident and first author manuscript under review an extension of 3 months was recommended. (Details are shown in **Annexure V**)

6. Elective on Metastasis at TMC-ACTREC:

A new elective on Metastasis was proposed by TMC-ACTREC to be included in the JRF Course work. The committee approved the topics with suggestion that the student opting for this elective has to take certain modules from the core course which are prerequisite for this elective. The committee approved the elective.

Additional Agenda.

7. Dr. Harsha Gowda (formerly faculty member at IoB Bangalore) was a Technical Advisor on some Doctoral Committee at TMC-ACTREC. Dr. Harsha Gowda has relocated to Brisbane, Australia. It was discussed that his name can be deleted from the Doctoral Committee where he represented but the Doctoral Committee should continue to have the 4 members in Doctoral Committee as per the HBNI guidelines.

8. BOS-LS approved syllabus of Life Sciences for Ph.D. programme in NISER. The committee noted that suggestion given by BOS members have been incorporated in the revised syllabus.

9. Synopsis of Ph. D. thesis in Life Sciences of Mr. Anoop N. NISER was discussed as in last BOS. It has been noted Mr. Anoop N. has published first author manuscript which is not in a good quality journal and the second paper is shared with another 2 students (equal author contribution). It was therefore decided to ask Guide's clarification on what percentage of work represented in the manuscript has gone in each thesis. The committee accepted the clarifications given by the Guide. The synopsis was approved and list of examiners will be forwarded to HBNI. (Details are shown in **Annexure VI**).

S. V. Chiplunkar
31/7/18

Prof. S.V. Chiplunkar
(Convenor, HBNI-BoS-LS)

To,
Members of HBNI-BOS-LS

Dean, HBNI

Dr. S. V. Chiplunkar
Director
Advanced Centre for Treatment, Research &
Education in Cancer (ACTREC)
Tata Memorial Centre
Kharghar, Navi Mumbai - 410 210.

List of applicants for Faculty: Ph.D. Guide: Annexure - II

Sl No	Name & D.O.B.	Qualifications & Year	Ph.D. Topic	Papers in referred journals	Remarks
1.	Dr. Pradeep Chaudhari 17/12/1968 (TMC-ACTREC)	Ph.D. Applied Biology (Life Sciences) 2007 BARC, Mumbai.	Bio-Evaluation of Therapeutic Radiopharmaceutical Agents.	52	Recommended as PG-Teacher
2.	Dr. Bhaskar Sanyal 20/12/1975 (BARC)	Ph.D. (Life Sciences) 2012 HBNI, Mumbai	Studies on detection and dosimetry of irradiated food by thermoluminescence (TL) and electron paramagnetic resonance (EPR) spectroscopy.	38	Recommended as PG-Guide
3.	Dr. Chandan Kumar 07/11/1980 (BARC)	Ph.D. Radiation Biology (Life Sciences) 2014 HBNI, Mumbai	Studies with a beta particle emitting radionuclides in the context of radioimmunotherapy.	21	Kept on hold as application not forwarded through proper channel
4.	Dr. Khageswar Sahu 03/05/1979 (RRCAT)	Ph.D. (Life Sciences) 2016 HBNI, Mumbai	Applications of Photodynamic Effects in Dermatology.	14	Not approved
5.	Dr. Parthiban K. Velayutham 09/06/1980 (TMC-ACTREC)	Ph.D. Biochemistry (Life Sciences) 2009 The Tamilnadu Dr. M.G.R. Medical University, Chennai.	Intraoperative Monitoring of Patients during Neurosurgical Procedures: A Biochemical and Electrophysiological Study.	4	Not approved

6.	Dr. Suresh Subramanian 24/08/1975 (BARC)	Ph.D. Life Sciences 2015 HBNI, Mumbai	Development and Biological Evaluation of Novel Radiopharmaceuticals for Cancer	28	Not approved
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Annexure – III

List of recommended Thesis examiners for 06 Ph.D. students who have submitted their Synopsis

Sl No	Name	Topic	Suggested Reviewers		
			Name	Address	Email
1.	Bhawik Kumar Jain (TMC- ACTREC) (LIFE 09201204008)	Study to investigate the mechanism that controls the cisternal stacking in Golgi apparatus	1. Prof. Anand Kumar Bachhawat	Professor in Biological Sciences and Dean Faculty 3F10, Academic Block -I Indian Institute of Science Education & Research, Mohali, Sector 81, Knowledge City SAS Nagar- 140306 Punjab	anand@iisermohali.ac.in ; anand.bachhawat@gmail.com
			2. Dr. Jomon Joseph	Scientist E, NCCS complex, Savitribai Phule University campus, Ganeshkhind Road, Pune, Maharashtra - 411007	josephj@nccs.res.in
			3. Dr. Kausik Chakraborty	Senior Scientist, Institute of Genomics and Integrative Biology, Mathura Road, Near Sukhdev Vihar, New Delhi-110020 ,India	kausik@igib.res.in
			4. Dr. Mrinal Kanti Bhattacharyya,	Associate Professor Department of Biochemistry School of Life Sciences University of Hyderabad Hyderabad 500 046, India	mkbsl@uohyd.ernet.in
2.	Jacynth Rajendra (TMC-	Understanding therapy resistance in	1. Dr. Ellora Sen	National Brain Research Centre	ellora@nbrc.ac.in

	ACTREC) (LIFE 09201204011)	Glioblastoma using proteomics approach		NH-8, Nainwal Mode Guargaon - 122 050 Haryana	
			2. Dr. Frank Furnari	University of California, San Diego 9500 Gilman Drive, Cellular and Molecular Medicine East Building La Jolla CA, 92093-0670	ffurnari@ucsd.edu
			3. Dr. Paturu Kondaiah	Professor, Indian Institute of Science Department of Molecular Reproduction, Development and Genetics Bangalore -560 012; Karnataka	paturu@mrdg.iisc.ernet.in
			4. Dr. Chitra Sarkar	Professor, All India Institute of Medical Sciences (AIIMS) Ansari Nagar, New Delhi - 110029	sarkar.chitra@gmail.com
3.	Ms. Mitali Mishra (NISER) (LIFE11201104 007)	Study on membrane-mediated antibiotic resistance mechanisms and pathogenic potential of clinical and environmental multidrug resistant <i>Enterobacter</i> isolates.	1. Prof. Ranjana Pathania,	Associate Professor, Department of Biotechnology, IIT – Roorkee, Roorkee – Haridwar Highway, Roorkee, Uttarakhand 247667	rpathfbs@iitr.ac.in ; ranjanapathania@gmail.com
			2. Dr. Shampa Anupurba,	Professor, Microbiology Department Institute of Medical Sciences Banaras Hindu University Vanarasi – 221005	shampa_anupurba@yahoo.co.in

			3. Dr. Sulgana Basu,	Scientist E, Division Bacteriology, National Institute of Cholera and Enteric Diseases, P33, CIT Road, Scheme XM, Beliaghata, Kolkata – 700010, India	salgunabasu@gmail.com ; supabasu@yahoo.co.in
			4. Prof. Rani Gupta,	Professor, University of Delhi South Campus, Benito Juarez Road, New Delhi – 110021	ranigupta15@yahoo.com
4.	Mr. Shrikant Babanrao Kokate (NISER) (LIFE11201204 003)	Understanding posttranslational and subcellular localization of Siah proteins in their roles in Helicobacter pylori- mediated gastric cancer.	1. Prof. D. Narasimha Rao	Ph.D. Department of Biochemistry, Biological Sciences Building, Indian Institute of Science, C. V. Raman Road, Bangalore – 560012, Karnataka, India Tel: 91-80-22932538	dnrao@biochem.iisc.ernet.in
			2. Dr. Snehasikta Swarnkar	Ph.D., Senior Principal Scientist, Indian Institute of Chemical Biology (IICB), 4, Raja, Sudha Chandra Mullick Road, Poddar Nagar, Jadavpur Kolkata, West Bengal – 700032 Tel: 91-33-24995759	sikta@iicb.res.in
			3. Prof. Suman Dhar,	Ph.D., Professor, Special Centre for Molecular Medicine Room No. SCMM, Jawaharlal Nehru University (JNU), Paschimabad, New Delhi –	skdhar@mail.jnu.ac.in skdhar2002@yahoo.com

				67, India (O): 011-26742572, 26738774 (R): 011-26742476	
			4. Prof. Surendra Kumar Trigun	Ph.D. Department of Zoology, Banaras Hindu University (BHU), Ajagara, Varanasi – 221005, Uttar Pradesh, India (O): 91-542-6702523, (M): 91 9415811962 Fax: 91 542-2368474	sktrigun@gmail.com trigun.surendrakumar@yahoo.com sktrigun@bhu.ac.in
5.	Mr. Subhransu Sekhar Sahoo (NISER) (LIFE11201204005)	Functional expression of TRLs and TRP channels in T cells and their role in Cell-Mediated Immunity	1. Prof. Taruna Madan Gupta,	Head, Innate Immunity, National Institute for Research in Reproductive Health (NIRRH), J. M. Street, Parel, Mumbai – 12. Tel: 00-91-22-4192049, 9867197040	taruna_m@hotmail.com
			2. Dr. Nitya G. Chakraborty	Associate Professor, Department of Medicine , University of Connecticut Health Center 263 Farmington Avenue Farmington, CT 06030- 1628 Contact: 860-679-1446	chakraborty@uchc.edu
			3. Dr. Debasis Mitra	Director, Center for DNA Fingerprinting and Diagnostics (CDFD), Inner ring Road, Uppal, Hyderabad – 500039	dmitra@cdfd.org.in

				(T): 040-27216003/4/5	
			4. Dr. Dipankar Nandi	Professor, Department of Biochemistry, Biological Sciences Building, Indian Institute of Science, C.V. Raman Road, Bangalore – 560012, Karnataka	nandi@biochem.iisc.ernet.in
6.	Sushmita Shukla (NISER) (LIFE11201004 015)	A Putative NEM1 Homolog Regulates Lipid Homeostasis and Membrane Biogenesis via PAH1 in Tetrahymena thermophila	1. Dr. Ullas Kolthur	DBS, Tata Institute of Fundamental Research, Homi Bhabha Road, Colaba, Mumbai – 400005, India	ullas@tifr.res.in
			2. Dr. Theodore Clark	Department of Microbiology and Immunology Cornell University, College of Veterinary Medicine C5 163 VMC, Ithaca, NY 14853	tgc3@cornell.edu
			3. Dr. Nishant K T	Indian Institute of Science Education & Research CET College Campus, Trivandrum – 695016, India	nishantkt@iisertvm.ac.in gsl@iisertvm.ac.in
			4. Dr. Kausik Chakraborty	CSIR-IGIB Sukhdev Vihar, New Delhi-110020 ,India	kausik@igib.res.in

Annexure – IV

List of applicants for extension (for 7th year) of Ph.D. tenure

Sl No	Name of student & Guide	Enrollment No.	Extension period requested	Decision of BoS-LS	Extension period approved
1.	Saujanya Acharya (Dr. Kakoli Bose) ACTREC-TMC	LIFE09201204002	1 st Aug. 2018 to 31 st July 2019	Ms. Saujanya was assigned 3 objectives for Ph.D. thesis work which are close to completion. A first author manuscript related to thesis work is close to submission while another one is under preparation. Hence extension of one year is requested for Synopsis and Thesis submission to HBNI.	01.08.2018 to 31.07.2019
2.	Arunabha Bose (Dr. Sorab N. Dalal) ACTREC-TMC	LIFE09201204013	1 st Aug. 2018 to 31 st July 2019	Ms. Bose has published 2nd author paper in 'Scientific Reports'. Two first author manuscripts related to thesis work are under preparation and one will be submitted by August 2018. Hence extension of one year is requested for Synopsis and Thesis submission to HBNI.	01.08.2018 to 31.07.2019
3.	Hanamant D. Khade (Dr. S. Gautam) BARC	LIFE01201204004	1st Sept. 2018 to 31st Aug. 2019	For completion of pending work extension of one year is required. Paper under review.	01.09.2018 to 31.08.2019
4.	Srikanth Babanrao Kokate (Dr. Asima Bhattacharyya) NISER	LIFE11201204003	1 st July, 2018 to 31 st Dec. 2018	For completion of thesis work 6 months extension is required. Synopsis submitted.	01.07.2018 to 30.06.2019

5.	Subhransu Sekhar Sahoo (Dr. Subhasis Chattopadhyay) NISER	LIFE11201204005	1 st July, 2018 to 31 st Dec. 2018	For completion of thesis work 6 months extension is required. Synopsis submitted.	01.07.2018 to 30.06.2019
6.	Sony Kumari (Dr. Kishore Panigrahi) NISER	LIFE11201204004	1 st July, 2018 to 30 th April, 2019	2 objectives pending. No publication. Minimum 10 months time to finish work, submit manuscript and synopsis followed by thesis writing and defense.	01.07.2018 to 30.06.2019

Annexure – V
List of Ph.D. students for 8th year extension from CIs/OCC

Sl No	Name of student & Guide	Enrollment No. & Date of Joining	Synopsis submitted & examiners appointed by circulation sent to Central office reviewers approved by HBNI-BOS-LS	Extension period requested for Synopsis/thesis submission	Status	Decision of BoS-LS
1.	Ms. Prasanna R Iyer (Dr. Dibyendu Bhattachayya) TMC- ACTREC	LIFE09201104017 September, 2011 6th year completed: 31.08.2017 7th year completed : 31.08.2018	--NO--	1 st September, 2018 to 31 st December, 2018	Ms. Prasanna is waiting for 1 st author paper acceptance. Extension of 4 months is requested for submitting synopsis and thesis to HBNI.	3 month extension given from 1st September, 2018 to November, 2018. This case will be referred to Hon. Vice Chancellor for the final decision.

Annexure VI - from Additional Agenda

List of recommended Thesis examiners for 01 Ph.D. student who have submitted their Synopsis

Sl No	Name	Topic	Suggested Reviewers		
			Name	Address	Email
1.	Anoop N. (LIFE 11201004008) NISER	Regulation of membrane biogenesis and lipid homeostasis in Tetrahymena thermophile – Role of Phosphatidic Acid phosphoHydrolase (PAH)	1. Prof. Amitabha Chattopadhyay	Professor, E-105, JC Bose Fellow Centre for Cellular and Molecular Biology, Uppal Road, Hyderabad.	amit@ccmb.res.in
			2. Prof. Krishanu Ray	Professor, Department of Biological Sciences, TIFR, Homi Bhaba Road, Colaba, Mumbai.	krishanu@tifr.res.in
			3. Prof. Aron Turkewitz	Professor, Molecular Genetics and Cell Biology, University of Chicago, CLSC 219, 920E, 58 th St., Chicago, IL 60637.	apturkew@uchicago.edu
			4. Dr. Narottam Acharya	Scientist – E, Lab. of Genomic Instability & Diseases, Institute of Life Sciences, Nalco Square, Bhubaneswar – 751023.	narrotam74@gmail.com ; narrotam1@yahoo.com