Publications and Information
“Health & Nutrition” Book release on the occasion of ICMR Centenary Year Celebration at RMRC, Bhubaneswar
Publications in 2010


15. Rout R, Dhangadamajhi G, Mohapatra BN, Kar SK, Ranjit M. Genetic diversity of PfEMP1-DBL


Publications in 2011


11. Das B, Swain S, Patra A, Das M, Tripathy HK, Mohapatra N, Kar SK, Hazra RK. The


Facilities

Animal House

The center conducts experimental studies on animals. Animal facility in the center continues to be used for all research projects requiring animal experimentation. Currently Rabbits, M. Coucha, Balb/c mice, and Guinea pigs are available for experimentation. This animal facility has been registered with CPCSEA. All the projects concerning animal use/experimentation are discussed in Animal ethical committee of the center. The facility is well maintained by animal house attendants. Staff has maintained periodic records of animal house. Pelleted feed procured from NIN, Hyderabad has been provided to the animals. Dr N.N. Mandal RA, Mr J Naik and Mr P. Sahoo have undergone an adhoc training course in The Care, Breeding & Experimental Techniques of Laboratory Animals in NIN, Hyderabad. Staff has maintained periodic records such as Form-C, Form-D etc of animal house as per provision of CPCSEA. This facility is maintained regularly with periodic inspection and health monitoring by veterinarian. Animal ethical Committee meeting was held to review the research work on animals.

Insectarium

At Present the centre has one insectarium which was developed before 19 years. Here cyclic colony of three genus of mosquitoes i.e. Aedes aegypti (LV strain), Anopheles stephensi and Culex quinquefasciatus maintained. The reared mosquito species were used in insecticide susceptibility status test, larvicidal bioassay plant extract bioassay test. The different plant extract having larviciding properties tested in our insectarium by our scientist and scientist from other Institute also send their material for testing. Cyclic development of Brugia malayi L3 developed and different aspects of and immunological studies were carried out by our scientist of the Institute. The insectarium was used for giving training to different persons time to time.

Now we are proposing for conducting virology work i.e. on Chikungunya, Dengue, West Nile and JE so proper maintenance of Aedes aegypti, Ae.albopictus and Culex vishnui group of mosquito will be maintained so a special infected room will be maintained with utmost care so that a single mosquito can not be escaped.

To investigate the interaction between parasites and mosquito under natural conditions, An. stephensi will be fed on infected human blood, using the artificial membrane feeding technique. Gene expression will be monitored at 14, 24, 48 h and 10 days post infected blood meal, corresponding to the transformation of zygote into ookinetes, to the interaction of ookinetes with the peritrophic matrix and mid gut cells, and to the migration and early differentiation of ookinete into oocysts, and sporozoites stages respectively.
We are now planning to modernization of the insectorium which is required for the centre for conducting future work. In our plan we divided the entire facility into three section i.e. larval rearing space, adult rearing room and infected mosquito room. Necessary required equipment s for each space is mentioned in the planning.

**Library, Information & Publications**

The main aim of the Library & information centre is to provide relevant and latest biomedical information in the shortest possible time, to the researchers and biomedical scientists of the institute. Few years back information needs of the users were catered from MEDLINE CDROM (Off-line database). Now that trend has completely changed by providing online literature search through Internet and Online journals either through open access source or Journal consortia through ICMR/ NML.

It provides both library and Information services not only to the scientists and researchers of this Centre but also to the researchers, doctors and academicians of this state. The foreign journal collection of this library is unique in orissa in the field of bio-medical sciences. For the calendar year 2011 the library
subscribes 41 foreign journals and 35 Indian journals in various fields of medical sciences and public health. The library possesses LAN printer-cum-digital Copier, in order to provide library, Information and reprographic support to its users. The library is computerized with Libsys-IV Library Management software.

The library and information centre provides Local Area Networking (LAN) facilities to all scientists and researchers through dedicated leased lines. Presently two leased lines are connected to LAN server. One 4 MBPS ICMR-NIC Leased line and one 100 MBPS NKN Leased line. Now Internet browsing and accessing all online journals through consortia is available in 24X7 formula.

**Online Journals**

**ICMR-EJC**

ICMR E-journal Consortia: Through ICMR E-Journal consortia, all 26 ICMR Institutions of the country are able to access following five high impact weekly journals of the world where all latest research findings come out.

<table>
<thead>
<tr>
<th>Journal</th>
<th>Web site</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science</td>
<td><a href="http://www.sciencemag.org">http://www.sciencemag.org</a></td>
</tr>
<tr>
<td>NEJM</td>
<td><a href="http://content.nejm.org">http://content.nejm.org</a></td>
</tr>
<tr>
<td>BMJ</td>
<td><a href="http://www.bmj.com">http://www.bmj.com</a></td>
</tr>
<tr>
<td>Lancet</td>
<td><a href="http://www.sciencedirect.com">http://www.sciencedirect.com</a></td>
</tr>
<tr>
<td>Nature</td>
<td><a href="http://www.nature.com">http://www.nature.com</a></td>
</tr>
</tbody>
</table>

**ERMED Consortia**

In this consortium total 1515 Medical journals are accessible at www.nmlermed.in. The participating libraries are National Medical Library (NML), all 26 ICMR libraries, AIIMS library, JIPMER library and other DGHS libraries. All journals are RMRC IP activated.

**JCCC@ICMR**

JCCC is J-Gate Custom Content (JCC) for a group of homogeneous consortia members developed by Informatics, Bangalore. JCCC@ICMR is an extension of JCC, for the Indian Council of Medical Research.
(ICMR). It covers 1941 journals received collectively at 29 institutions/centres of ICMR. It provides both abstract and full text articles and also facilitates for reprint request for all ICMR participating libraries.

Science Direct

For the calendar year 2010 Library & Information division subscribes Elsevier’s online package Science Direct (Immunology & Microbiology) bundle which carries 87 journals as per list enclosed. These journals are RMRC IP activated. The scientists can download the full text of current issues and back files up to 1995.

Publication Cell

Centenary Year Publications

On the eve of centenary year celebration of ICMR (1911-2011) the Centre published the following publications.

1. Tribal health Research in Orissa (Book)
2. Hand Book for Medical Laboratory Technicians (Book)
3. Protocols on Health and Nutrition (Flip Chart-English)
4. Protocols on Health and Nutrition (Flip Chart-Odia)
5. Filariasis Book Let (Odia)
6. Sickle cell & Beta Thallasemia (Odia)
7. Nutrition and Health (Odia)

The library & Information Centre is doing publication activities of the Institute. RMRC News Bulletin and Library News Letter are being published from this division. IEC materials on various diseases are also made on local languages for distribution to the public. Besides, the division looks after the publication of Centre’s Annual Report. Head of the library acts as editor of Library News Letter and Asst. Editor of RMRC News Bulletin.

Library Trainee

The library & information division of the Centre have recruited two Library Trainees for the period of one year for Library automation purposes. The two trainees (Mrs. Puspita Mishra and Miss. Nibedita Senapati) are recruited as per Govt. of India apprentice scheme. During their practical training they have learned various facets of library and Information Science like, Classification in UDC, working on Library Automation software Libsys, News clipping activities, and day today job of the library.

Scientific Lecture

1. Dr. D.A Gadkari, Ex-Director, National Institute of Virology, Pune delivered a talk at RMRC Auditorium on 20th August 2010 on “Evolution of Influenza Virus and Pandemic H1N1”. Scientists and Research scholars of RMRC, Doctors of Kalinga Hospital and Doctrs from State Health Dept. were participated in the deliberation.

2. A series of lecture was organised for 10th Professional Development Course participants by RMRC scientists on 29th Sept. 2010. The participants were district level Medical officers from Jharkhand, Chhattisgarh, Orissa and Andaman Nikobar under the banner of Public Health management and health sector reforms at SIHFW, Orissa. Dr. B.B. Pal, Sci-D, Dr. A.S.Kerketta, Sci-D and Dr. B. Dwibedi, Sci-B delivered the lecture on Diarrhoeal Diseases, Malaria, Hepatitis and Filariasis.

3. Dr. Kabi Prasad Mishra, Sr. Consultant Cardiologist delivered a talk on “Science and Spirituality” on 5th October 2010 at RMRC Auditorium where all family members of RMRC employees were invited.
**H1N1 Vaccination**

H1N1 Vaccination was undertaken for all employees of RMRC, Bhubaneswar by Capital Hospital, Bhubaneswar on 20th August in the RMRC Laboratory under the direct supervision of CMO, Capital Hospital, bhubaneswar.

**Hindi Day Observation**

The Centre organised Hindi Day on 15th Sept. 2011 at RMRC Auditorium. Dr. Rajveer Singh, Principal Scientist, Directorate of Water Management, Bhubaneswar was the chief speaker on this occasion. Dr. S.K Kar, Director, Dr. Dasarathi Das, Scientist-D and Hindi Cell incharge were also delivered speech on the occasion. Other speakers were Dr. N. Mahapatra, Sc-E, Dr. M.R. Ranjit, Sci-D, Dr. A. Mahapatra, Sci-D, Dr. B. Dwibedi, Sci-B and Mr. P.K.Jangid, T.O. The vote of thanks were given by Dr. B. Sahooo, Lib & Inf. Officer.

**24th SAC Meeting**

The 24th SAC meeting was held on 19-20 Oct 2010 at this Centre. In two days meeting all the ongoing and completed projects of the scientists were discussed. The poster presentation session was held on 2nd day morning where all the Ph.D scholars were presented their work progress on posters. Dr. D.S. Agarwal was the chairman of 24th SAC meeting and Dr. Lalit Kant, Chief ECD, ICMR, New Delhi was ICMR nominee and Dr. S.K.Kar, Director was the member Secretary.

**M Sc Dissertation**

During this year following six M.Sc. students from various universities have undertaken their M.Sc. dissertation work under various scientists for partial fulfilment of the M.Sc. degree.

**Ph.D Awarded**

Sudhansu Sekhar Nishank, SRF (CSIR) has been awarded PhD degree from Utkal University for his thesis on “Molecular characterization of ßthalassaemia and its clinical significance in Orissa” in 2011. Dr. M.R.Ranjit, Scientist-E was the co-guide of the Ph.D work.

**Ph.D Submitted**

1. Miss Upasana Sahu, SRF (RMRC) has completed her PhD thesis on “Role of microparticles and ABCA1 transporter in the pathogenesis of cerebral malaria” and submitted to Utkal University for the examination in 2011.

2. Miss Ronally Rout, SRF (UGC) has submitted her thesis on the topic “Molecular mechanism of rosetting in severe falciparum malaria” for PhD examination to Utkal University.

3. Mr G Dhangda Majhi, SRF(CSIR) has submitted his thesis on the subject “Role of NO synthase in the pathogenesis of severe malaria” for PhD examination to Utkal University.

**Observation of National Science day**

RMRC, Bhubaneswar organised National Science Day on 26th Feb. 2011 by conducting a series of lecture by our scientists at Vanivihar High School, Bhubaneswar. Dr. Dasarathi Das, Scientist-D and Dr. B. Dwibedi, Scientst-C talked on Infectious Diseases and Role of Hand Washing in prevention of diseases.

**Hindi Day Celebration**

The centre organized Hindi Week Celebration from 11-14 September 2011. During the Hindi week observation debate competition was held and prizes were distributed to the winners.

**ICMR Centenary Year Celebration**

The Indian Council of Medical Research observed Centenary Year celebration from 15th Nov. 2010 to 15th Nov. 2011. On the occasion of Centenary year celebration the centre organized the 8th Joint Annual conference of the Indian Society for Malaria
and other communicable diseases (ISMOCD) and the Indian association of Epidemiologists (IAE) from 15th to 17th April 2011 at RMRC, Bhubaneswar. Dr. Shiv Lal, President ISMOCD & IAE and Dr. AC Dhariwal, Secretary, ISMOCD & IAE and Dr. V.M Katoch, Secretary, DHR & DG, ICMR and chief patron of the conference delivered the scientific community. Dr. S.K.Kar, Director, RMRC was the Chairman local organising committee and Dr. A. Mahapatra, Scientist-D and Dr. M.R. ranjib, Scientist-E were local organising secretary. In the scientific session, total 19 Guest lectures, 33 Oral Presentation and 105 Poster presentations were presented by various eminent scientists & students throughout the country.

**Centenary Year Coin**

On the eve of Centenary year celebration of ICMR, the Centre have distributed 15gram silver coin carrying both ICMR logo and Centenary year logo . Shri Sanjiv Datta, F.A ICMR and Mr. Arun Baroka, Sr. DDG, Admn, ICMR were present in the coin distribution meeting held on 5th September 2011.

**Opening of BSL-2 Lab & TB Cultire Facility**

The Centre organised a meeting for opening of BSL-2 Laboratory and TB Culture Facility on 5th September 2011 in the RMRC, Auditorium. Mrs. Anu Garg, Commisionner-cum Secretary, Health & Family Welfare, Govt. Of Odisha was the chief Guest, Dr. P.K.Das, DMET, Govt. Of Odisha was the chief speaker, Sri Sanjiv Datta, Financial Advisor, ICMR and Sri Arun Baroka, Sr. DDG, Admn, ICMR were guest of honour of the meeting. Dr. S.K.Kar, Director RMRC have given the welcome address to the gatherings.

**Inaugration of RMRC, Field Unit, Raygada**

RMRC field unit at Raygada was inaugurated by honarable Minister of Health & family Welfare on 6th September 2011 at Raygada CDMO premices. In a colourful inauguration ceremony the opening Remarks was addressed by Dr. S. K. Kar, Director, RMRC, Bhubaneswar followes by welcome Address by Dr. Nitin Bhanudas Jalwa, DM & Collector, Raygada. Shri Prasanna Achrya Honble Minister of Health & FW. Govt. of Odisha, Sri Lal Bihari Himirika, Honble Minister of SC, ST, Development & Welfare, Govt. of Orissa, Shri Jagannath Saroka, President, Zilla Parishad and MLA, Gunupur were address the doctors, paramedical staff and media peronnel. Dr. Benudhar nayak, CDMO, Raygada has given the vote of thanks.

**Budget and Resource Generation**

The total sanction budget in respect of the Centre (Non-Plan & Plan) for the year 2010-11 is Rs. 696.20 lakhs and sanctioned budget for 2011-12 is Rs. 576.00 lakha up to Nov. 2011. The Head wise expenditure for 2010-11 of the budget is shown below. The resource generation during 2010-11 is 3 Crore and for 2011-12 is 1.5 crore from the extramural grant and Ph.D program through UGC, CSIR and others.

**BUDGET OF RMRC (10-11) (In Lakhs), SOURCE : ICMR**

<table>
<thead>
<tr>
<th>Establishment</th>
<th>Administrative Expenses</th>
<th>Contractual Service</th>
<th>Others</th>
<th>Equipment</th>
<th>Capital</th>
</tr>
</thead>
<tbody>
<tr>
<td>391.00</td>
<td>101.41</td>
<td>67.50</td>
<td>8.90</td>
<td>11.81</td>
<td>115.58</td>
</tr>
</tbody>
</table>
Pre-visit of Director & Scientific team to the CDMO office Kalahandi for establishment of RMRC field unit at Bhawanipatna.
### Meeting /Seminar Attended

**Dr. S. K. Kar, Director**

1. Participated as a core member of the board in the meeting of the Assessment Board for promotion of ICMR Scientists under the Flexible Complementing Scheme for scientists holding post of Scientist- B to Scientist-F held during 7-9th January 2011 at ICMR Headquarters, New Delhi.

2. Participated in the Expert Group Meeting held at Delhi on Development of Virology Grade 1 lab on 25th Jan 2011 and presented annual progress and data.

3. Participated as Chairman in the protocol development meeting on Hib Surveillance on 28th January 2011 at ICMR Headquarters, Delhi.

4. Participated in Expert Group Meeting for the “Monograph on Filariasis” at ICMR Headquarters 1st February 2011.

5. Attended Expert group meeting on monograph on filariasis at ICMR on 1st & 3rd February 2011.


7. Participated at a workshop organized by DHS, Orissa on “Public Health Functions and Functionaries” at TMST conference Hall Bhubaneswar on 26th February 2011.

8. Attended Human ethical committee meeting on 9th February 2011.


12. Attended SAG meeting at ICMR on 17th to 19th March 2011.

13. Attended and delivered a talk on “Filariasis: Epidemiology, Diagnosis, Clinical features and treatment” at Rajendra Memorial Institute for Medical Sciences, Patna on 22nd March 2011.

14. Participated in Press sensitization workshop on MDA-2011 for elimination of Lymphatic Filariasis held at Hotel, Kalinga Asoka, Bhubaneswar on 4th March 2011 and delivered a talk on “Advantage of Addition of Albendazole”.

15. Participated as an invited member in the Scientific Advisory Group Meeting held at Delhi on 17th March 2011 and presented talk on annual scientific progress.

16. Participated as a member of AO Selecting Committee Meeting at ICMR, New Delhi on 19th July 2011.

17. Participated in investigato’s meeting on Hib Meningitis at National Institute of Epidemiology, Chennai on 28th July 2011.

18. Participated in Tribal Health Meeting at RMRC, Dibrugarh on 9th-10th August 2011.

19. Attended Filariasis Meeting at New Delhi on 8th September 2011.

20. Attended Selecting Committee Meeting of LDCE at ICMR, New Delhi on 25th & 26th September 2011.


22. Participated Hypertension protocol Meeting at ICMR, New Delhi on 11th November 2011.

23. Attended as Chief Speaker in the inaugural session of School of pharmaceutical Sciences, Bhubaneswar on 12th July 2011.


26. Attended Workshop on Research Methodology at SUM Hospital and delivered talk on “Current
status and future avenues of biomedical research in Orissa” with special emphasis to a Territory Care Health Centre on 16th September 2011.

2. Delivered welcome address at STS Workshop at RMRC, BBSR on 27th to 29th September 2011.

3. Attended Brain Storming meeting on Vector Forum at NIMR, Delhi on 4th & 5th October 2011.

4. Delivered a talk on “Lymphatic Filariasis, pathogenesis and Challenges” at the meeting organized at RMRC for WHO team visiting the Centre on 13th October 2011.

5. Attended Centenary Celebration Meeting at ICMR, New Delhi on 15th November 2011.


7. Attended Foundation Day Celebration Meeting at NJIL, Agra and delivered a talk on “Vector Borne Disease and public health importance in India” on 17th December 2011.


**Dr. N. Mahapatra**

1. Attended review meeting on malaria control with commissioner cum secretary (State Health Department) every month.

2. Attended SRC meeting on Biotechnology of Utkal University as a member on the month of November 2010 and February 2011.

3. Attended joint meeting of the technical and monitoring held on 16th November 2010.

4. Attended meeting to control mosquito menaces and appropriate control measures in urban areas (BMC & CMC) on 16th March 2011.

5. Attended Director’s meeting on 8th and 9th May 2011 at New Delhi.

**Dr. M.R. Ranjit**

1. Attended the National Conference on “Environment Degradation and its impact on Mankind” organized by Punjabi University, Patiala from 19th -20th November 2010. Presented the paper entitled “Epidemiology of malaria in Orissa and possible impact of climate change on it”

2. Attended and delivered a lecture entitled “Severe malaria: more questions than answers to the process” on 23rd November 2010, at Global Exchange Lecture Course, jointly organized by NIMR, Delhi & EMBO, Germany held from 21 November to 04 December 2010 at New Delhi.

**Dr. A.K. Satapathy**

1. Dr. A. K. Satapathy attended 8th joint Annual conference of The Indian Society for malaria and other Communicable Diseases & The Indian association of Epidemiologist held at Bhubaneswar from 15-17 April 2011

**Dr. G. Bulliya**

1. Participated training Programme on Scaling Up of Water Productivity in Agriculture for Productivity’ of Directorate of Water Management, Bhubaneswar at Nathpur, Khurda district and delivered a talk on role of water in communicable diseases in achieving food and nutrition security on January 15, 2011.

2. Attended National Seminar on Medical Anthropology in India: Biocultural Perspectives at Utkal University, Bhubaneswar and presented a paper on intervention strategies to control anaemia in adolescent in a tribal block of Gajapati district on March 25, 2011.

3. Participated in the Joint Annual Conference of the Indian Society for Malaria and Other Communicable Diseases & The Indian Association of Epidemiologists’, at Swosti Plaza, organized by RMRC, Bhubaneswar during April 15-17, 2011.


9. Acted as Panel member for the “State-level workshop on Issues of Tribal Development” organized by SCSTRTI & UNDP, Bhubaneswar at Crown Hotel, Bhubaneswar, presented a paper on ‘Food and Nutrition security of tribal people in Orissa’.

10. Attended Research Project Planning Workshop on “Root and Tuber Crops for Food Security in Asia Pacific” organized by International Potato Centre of Central Tuber Crops Research Institute, at Hotel Trident, Bhubaneswar on October 13, 2011.

11. Attended 51st Annual Conference of The National Academy of Medical Sciences (NAMS) at Institute of Medical Sciences and SUM Hospital, Bhubaneshwar on October 15, 2011.

12. Participated District-level Training on Adolescent Reproductive and Sexual Health (ARSH) as a resource person at Hotel Center Park, Bhawanipatna, Kalahandi district, on October 21, 2011.


Dr. R. K. Hazra

1. Attended the National Symposium on climate changed Vector Borne diseases held at the Asian Society Kolkata on 6th Feb 2010 and deliver guest lecture.

2. Participated EMBO Global Exchange Lecture Course on Molecular and Evolutionary Genetics of Malaria, National Institute of Malaria Research, New Delhi, India & delivered a lecture on 23rd November 2010 on Phylogenetic analysis.

3. Attended 8th Joint Annual conference of the Indian Society for Malaria and other communicable diseases (ISMOCOD) and the Indian association of Epidemiologists (IAE) at Bhubaneswar from 15th to 17th April 2011.


Dr B. B. Pal

1. Attended the National Seminar on “Medical Anthropology in India- Bio-cultural prospective” and presented the paper on “Sosio-Cultural behavior associated with cholera outbreak in the tribal areas of Orissa 24-25th March, 2911, Utkal University ,Vani Vihar, Orissa.

2. Attended Annual conference of the Indian society for malaria and other communicable diseases & the Indian Association of Epidemiologist, 15-17th April, RMRC, Bhubaneswar, Orissa.

3. Dr B.B.Pal was invited and attended National seminar on “Trends in microbial Bio-remediation of Environmental soil, 24-25th Sept 2011, OUAT, Bhubaneswar, Orissa.
Dr. A. S. Kerketta
1. Attended 8th Joint Annual conference of the Indian Society for Malaria and other communicable diseases (ISMOCD) and the Indian association of Epidemiologists (IAE) at Bhubaneswar from 15th to 17th April 2011.

Dr. A. Mahapatra
1. Acted as organising secretary 8th Joint Annual conference of the Indian Society for Malaria and other communicable diseases (ISMOCD) and the Indian association of Epidemiologists (IAE) at RMRC Bhubaneswar from 15th to 17th April 2011.
2. Attended 36th all India Sociological Conference held at Ravenshaw University, Cuttack from 27-29, Nov. 2010.
4. Attended National Seminar on “Medical Anthropology in India: Bio-cultural Perspectives” held during 24th to 25th March at Utkal University, Bhubaneswar.

Dr B. Dwibedi
1. Delivered a talk at Post Graduate Dept. of Zoology, Utkal University, Vani Vihar, Bhubaneswar on 3rd February 2011.
2. Attended a Workshop on Public Health Function and Functionaries at Directorate of Health Services, Odisha- Conference Hall of TMST (Behind Capital Hospital), Bhubaneswar on 26th February 2011.
3. Attended HIV/ Malaria meeting at NARI, Pune on 25th May 2011.
4. Attended Tribal Health Forum Meeting at RMRC, Dibrugarh on 9th August 2011.
5. Delivered a lecture on Seromolecular markers of Hepatitis B virus infection and their clinical relevance at NISER, Bhubaneswar on 3rd September 2011.
6. Attended and delivered a talk in a Workshop on Research Methodology at IMS, SUM Hospital, Bhubaneswar on 16th September 2011.
7. Attended Meeting of the Sub-committee for R & D Projects pertaining to Biotechnology at Conference Hall of Institute of Life Sciences, Bhubaneswar 16th September 2011.
8. Awarded WHO fellowship and attended fellowship programme at the Royal Tropical Institute (KIT), Netherlands from 10th to 21st October 2011.

Dr. B. Sahoo
1. Participated ICMR Librarian meeting on Library Modernization held on 22nd June 2011 at NIOH, Ahemdabad and presented a paper on “Present scenario of RMRC, Library and future prospective”.
2. Attended a seminar on “E-Contents” organized by Informatics India Limited, Bangalore on 23rd November 2011 at Hotel May Fare, Bhubaneswar.

Students
1. Mrs. Buli Kumari Panigrahi, SRF has attended International Symposium on Recent Advances in Ecology and Management of Vectors and Vector Borne Diseases, from 1-3 December, 2010, Gwalior and presented a Paper entitled “Effect of a modified ecosystem on malaria situation in two endemic areas of Orissa, India.
25th Scientific Advisory Committee

1. **Dr. D.S. Agarwal**  
   Chairman  
   B-24, Swasthya Vihar  
   Delhi 110 092

2. **Prof. J.P. Muliyil**  
   Member  
   Deptt. of Community Health  
   Christian Medical College  
   Vellore 632 002

3. **Prof. R.K. Mutat Kar**  
   Member  
   64-Anand Park  
   Aundh  
   Pune 411 007

4. **Dr. Subrat K. Acharya**  
   Member  
   Prof., & HoD Dept of  
   Gastroenterology  
   AIIMS, New Delhi 110 029

5. **Dr. Satish Gupta**  
   Member  
   Staff Scientist-VII and Chief  
   Gamete Antigen Laboratory  
   National Institute of Immunology  
   Aurana Asaf Ali Marg  
   New Delhi 110 067

6. **Dr. D.A. Gadkari**  
   Member  
   Ex-Director  
   National Institute of Virology  
   20-A, Dr. Ambedkar Road  
   Pune 411 001

7. **Dr. B. Sesikeran**  
   Member  
   Director National Institute of Nutrition  
   P.O:Jamai Osmania  
   Hyderabad 500 007

8. **Dr. P. Jambulingam**  
   Member  
   Director,  
   Vector Control Research Centre  
   Indira NagarPondicherry 605 006

9. **Director of Health Services**  
   Member  
   Directorate of Health Services  
   Govt. of Orissa  
   Heads of the Deptt. Building  
   Bhubaneswar

10. **ICMR Representative**  
    Member

11. **Dr. S.K. Kar**  
    Member Secretary  
    Director, RMRC, Bhubaneswar

---

HUMAN ETHICAL COMMITTEE MEMBERS

**Dr. Kabi Prasad Misra**  
Chairman  
Sr. Consultant Cardiologist &  
55, Ganesh Nagar  
Gandamunda, Khandagiri  
Bhubaneswar 751 030

**Prof. Aruna Mishra**  
Co-chairperson  
Laxmi Vihar  
PO: Sainik School  
Bhubaneswar

**Dr. P. K. Dash**  
Member  
Director, Medical Education & Training  
Heads of the Dept Building  
Govt. of Orissa  
Bhubaneswar 751 001

**Mrs Kasturika Pattanayak**  
Member  
Ex-Chair Person, Social Welfare Board  
Govt. of Orissa, 1, Lewis Road  
Bhubaneswar.

**Dr. P. K. Acharya**  
Member  
N-1 A/10 IRC Village  
Near CRP Square, Bhubaneswar 751 015

**Dr. Sisir Kumar Mahapatra**  
Member  
Sr. Consultant Physician  
Surya Nivas, Plot No:B-1/91  
Lingaraj Vihar, Pokhariput  
Bhubaneswar -751 002

**Sri. Himadri Mohapatra**  
Member  
Toshali Plaza, Ilnd floor  
Satyanagar, Bhubaneswar

**Prof. Rita Ray**  
Member  
HoD Sociology  
Utkal University  
Vani Vihar, Bhubaneswar 751 004

**Dr. S. K. Kar**  
Member Secretary  
Director  
R.M.R.C., Bhubaneswar
Animal Experimentation Ethical Committee

1. Biological Scientist
   Dr. M.R. Ranjit, M.Sc., Ph.D
   Regional Medical Research Centre
   Bhubaneswar.

2. Two scientists from different Biological disciplines
   Dr. R.C. Patra, Prof. & Head
   Dept. of Veterinary Medicine
   OUAT, Bhubaneswar – 751 003
   Dr. R.K. Hazra, Ph.D.
   Regional Medical Research Centre
   Bhubaneswar.

3. A veterinarian involved in the care of animals
   Dr. S. K. Ray, Ex-Principal
   Qr.No.M-109
   Baramunda H.B. Colony
   Bhubaneswar 751 003

4. Scientist In-charge of the Animal facility
   Dr. A.K. Satapathy, Sc.D
   Regional Medical Research Centre
   Bhubaneswar.

5. A biological scientist from outside the Institute
   Prof. Sachidananda Das, Ph.D.,
   PG Dept. of Zoology, Utkal University
   Bhubaneswar.

6. A non-scientific socially aware member
   Mrs Kasturika Pattanayak
   Ex-Chair Person, Social Welfare Board
   Govt. of Orissa, 1, Lewis Road
   Bhubaneswar.

7. Main Nominee of the CPCSEA
   Dr. Kishore Chandra Mohapatra
   Plot No:1215/1654, Khandagiri Bari
   Bhubaneswar 751 030

9. Member – Convener
   Dr. S.K. Kar, Director,
   Regional Medical Research Centre
   Bhubaneswar.

Technical Equipment Purchase Committee

1. Dr. A. K. Sahoo
   Principal Scientist
   CIFA, Kausalya gang
   Bhubaneswar- 751 002

2. Dr. P. Das
   Sr. Scientist
   CIFA, Kausalya gang
   Bhubaneswar- 751 002

3. Dr. N. K. Debata
   External member
   Prof. Microbiology
   SUM-Hospital, Bhubaneswar

4. Dr. M. R. Ranjit
   Member (Sub. Specialist)
   Scientist-E
   RMRC, BBSR

5. Dr. B. Dwibedi
   Member
   Scientist-C
   RMRC, Bhubaneswar

6. Mr. G. Behera
   Member
   Accounts officer
   RMRC, BBSR

7. Dr. A. K. Satapathy
   Member – Secy
   Scientist_D
   RMRC, BBSR

Technical Building Maintenance Committee

Mr. D.N. Tripathy
   Retd. Chief Engineer, CPWD

Er. P.K. Pattanik
   Retd. Sup. Eng. (Elect.), CPWD

Dr. B.B.Pal
   Scientist-D

Dr. B. Dwibedi
   Scientist-C

Mr. G. Behera
   Accounts Officer
**Staff position**

**Scientists:**

  Scientist-G & DIRECTOR
- Dr. (Mrs.) N. Mahapatra, M.Sc., Ph.D.  
  Scientist-E
- Dr. M.R. Ranjit, M.Sc., Ph.D.  
  Scientist-E
- Dr. A. Mahapatra, M.Sc., M.Phil., Ph.D.  
  Scientist-D
- Dr. A.K. Satapathy, M.Sc., Ph.D.  
  Scientist-D
- Dr. G. Bulliyya, M.Sc., Ph.D.  
  Scientist-D
- Dr. B.B. Pal, M.Sc., Ph.D.  
  Scientist-D
- Dr. (Mrs.) A.S. Kerketta, M.B.B.S.  
  Scientist-D
- Dr. Dasarathi Das, M.Sc. Ph.D  
  Scientist-D
- Dr. Taziba Hussain, M.Sc., Ph.D  
  Scientist-D
- Dr. R.K. Hazra, M.Sc., Ph.D.  
  Scientist-D
- Dr. Bhagirathi Dwibedi, M.B.B.S, M.D  
  Scientist-C

**Research & Technical Staff**

- Dr. S.K. Parida, M.Sc., Ph.D.  
  Technical Officer-A
- Mr. P.K. Jangid, M.Sc.  
  Technical Officer-A
- Mr. R.K. Das, M.Sc.  
  Technical Asst.
- Dr. A.S. Acharya, M.Sc, M.Phil, LL.B,Ph.D  
  Technical Asst.
- Mrs. G. Mallick, M.Sc.  
  Technical Asst.
- Mr. R.C. Parida, M.Sc.PGDCA  
  Technical Asst.
- Mr. N.S. Marai, M.Sc., LL.B.  
  Technical Asst.
- Mr. D.P. Hansdah, M.Sc.  
  Technical Asst.
- Dr. N. Mandal, M.Sc., M.Phil., B.Ed.  
  Technical Asst.
- Dr. P. K. Sahoo, M.Sc., Ph.D.  
  Technical Asst.
- Mr. B. Murmu, M.Sc., M.Phil.  
  Technical Asst.
- Dr. (Mrs.) M.S. Bal, M.Sc.,M.Phil., Ph.D.  
  Technical Asst.
- Dr. H.K. Khuntia, M.Sc. Ph.D  
  Technical Asst.
- Miss. Sujata Dixit, M.Phil, M.Sc  
  Technical Asst.
- Mr. H.K. Tripathy, B.Sc, PGDME  
  Technical Asst.
- Mr. B.N. Sethi, Dip. MLT  
  Technician-C
- Mr. H.S. Naik, Dip. MLT  
  Technician-C
- Mr. S.C. Rout, ITI  
  Technician-C
- Mr. K. Dhal, M.A.  
  Technician-C
- Mr. R.N. Nayak, B.A.  
  Technician-C
- Mr. T. Moharana  
  Technician-B
- Mr. C.R. Samantray  
  Technician-A
- Mr. K.C. Dalai, B.A., ITI  
  Technician-A
- Mr. B.K. Kanhar  
  Technician-A
- Mr. G.D. Mansingh  
  Technician-A
- Mr. B. Pradhan  
  Technician-A
- Mr. C.S. Tripathy, B.Com. LL. B.  
  Technician-A
- Mr. S.S. Beuria  
  Technician-A
- Mr. G. Simhachalam  
  Technician-A
- Mr. K.C. Parichha  
  Technician-A
- Mr. S.C. Das  
  Attendant( Services)
- Mr. N.N. Pattnaik  
  Attendant( Services)
- Mr. K.C. Jena  
  Attendant( Services)
Mr. S. K. Mallick Attendant (Services)
Mr. H.K.Jena Attendant (Services)
Mr. Banamali Nayak Attendant (Services)
Mr. Baburam Behera Attendant (Services)
Mr. K.C. Nayak Attendant (Services)

STUDENTS:
Sunita Swain M.Sc. SRF (ICMR)
Rasmi Mishra, M.Sc SRF (ICMR)
K Gopinath Acharya, M.Sc SRF (ICMR)
Buli panigrahi, M.Sc SRF (ICMR)
Suchismita Behera, M.Sc SRF (ICMR)
Manisha Patnayak, M.Sc JRF(CSIR)
Biswa deep Das, M.Sc JRF (UGC-CSIR)
Chinmayee P Khuntia, M.Sc SRF (ICMR)
Suisil Kumar Rathore, M沈 JRF (ICMR)
Miss. Abhipsa Sahu, M.Sc JRF (Lady Tata)

LIBRARY & INFORMATION
Dr. B. Sahoo, M.L.I.Sc., Ph.D. Library & Information officer
Mrs. Puspita Mishra, M. Lib & Inf. Sc. Apprentice Library Trainee
Miss. Nibedita Senapati, M.Lib & Inf. Sc. Apprentice Library Trainee
Mr. Chakradhar Naik Attendant (Services)
Mr. Rajim Sur Rai Attendant (Services)

ADMINISTRATION & Accounts
Mr. G. Behera Accounts Officer & A.O In –Charge
Mr. B. Sutar, M.Com Section officer
Mr. P.C. Nayak, B.A. Personal Assistant
Mr. R.C. Muduli, B.A. Assistant
Mr. A.P. Parida, B.A Assistant
Mrs. R. Varghese P.A
Mr. S.K. Satapathy U.D.C.
Mr. B.S. Rao U.D.C.
Mr. R. Rath UDC.
Mr. D.K. Mohanty, B.A Steno
Mr. S. Nayak L.D.C.
Mr. S.K. Das, B.Com. L.D.C.
Mr. S.K. Majhi, M.A., LL.B. L.D.C.
Mrs. S. Beuria, M.A L.D.C
Mr. R.C. Dash Attendant (Services)
Mr. Sankar P Sharma Attendant (Services)
Mr. M.B. Thappa Attendant (Services)
Mr. T. Bahadur Attendant (Services)
Mr. D.C. Rao Attendant (Services)
Mrs. Triveni Nayak Attendant (Services)

DIRECTORS’ OFFICE
Mr. L.S. Rao, B.A. Private Secretary
Mr. K.G. Samal Attendant (Services)
Mr. R.K. Hembram Attendant (Services)
WORKSHOP, INSTRUMENT & BUILDING MAINTENANCE

Mr. B.K. Biswal  Technician-A (E)
Mr. S. Sutar  Technician-A (E)
Mr. J. Behera  Attendant (Services)
Mr. B.K. Moharana  Attendant (Services)
Mr. Banamali Sahoo  Attendant (Services)
Mr. Sankar Biso  Attendant (Services)

ANIMAL FACILITY

Mr. A. Senapati  Attendant (Services)
Mr. S.K. Das  Attendant (Services)
Mr. Jaladhar Naik  Attendant (Services)
Mr. Pandav Sahoo  Attendant (Services)

TRANSPORT

Mr. Md. Daulat Khan  Driver
Mr. Sibaram Patra  Driver
Mr. Anakar Nayak  Driver
Mr. A.R. Khan  Driver
Mr. P.K. Behera  Driver

NNMB STAFF

Mrs. S. Paikray  Asst. Research Officer
Dr. A.R Mohanta  Asst. Research Scientist
Mrs. Haraprava Sahu  Social Worker
Mr. G.C. Mantri  Lab. Technician
Mr. R.K. Sahoo  Driver
Mr. Santosh Kumar Juharsing  Field Attendant

Inauguration of Biometric Attendance System in RMRC, Bhubaneswar
Dr. V.M. Katoch, Secretary DHR & DG, ICMR laying the foundation stone for establishment of OPD in the RMRC premises.

Hon’ble Minister of Health & Family Welfare, Govt. of Odisha, Sri Prasana Acharya lighting the lamp for RMRC field unit inauguration at Rayagada
Regional Medical Research Centre
(Indian Council of Medical Research)
Chandrakekharpur, Bhubaneswar-751 023, Orissa, India
Tel.: 0674-2301322, 2301332, Fax: 0674-2301351

Printed at Textbook bureau, Bhubaneswar