

Name : M. ANDREW PRADEEP
Designation : Assistant Professor
Department : Immunology and microbiology
Date of Joining : 14.12.2005
Email : micpradeep@gmail.com



Educational Qualification:

| DEGREE | SUBJECT | COLLEGE / UNIVERSITY & PLACE | YEAR COMPLETED |
|--------|---------------------------|------------------------------|----------------|
| M.Phil | Microbiology | Periyar University | 2007 |
| M.Sc | Immunology & microbiology | The American College | 2005 |
| B.Sc | Microbiology & Immunology | The American College | 2003 |

Specialisation in Teaching:

- Medical Microbiology
- Immunology
- Cell culture

Specialisation in Research: Medical Microbiology

Research Interests: Medical Microbiology, Cancer Biology

Membership in Professional Bodies:

European Association of Cancer research Indian Immunology Society Association of Microbiologist India

Awards / Fellowships:

Indian Academy of Science fellowship – 2011 DST Sponsored Fellowship for Hand on Training in Advance Molecular Techniques at Cancer Institute Anayar Chennai

UGC Sponsored Projects:

Major Project:

| Title | Year of Award | Amount Awarded | Status of the project- Completed/ Ongoing | Co-investigator, if any |
|---|---------------|----------------|---|-------------------------|
| Bioremediation of effluent from electroplating industries using chosen bacteria | 2001 | 8,00,000 | Ongoing | Dr. A Joseph Thatheyus |

Other activities / academic credentials:

Research Collaboration – Dept of Radiation Oncology Govt. Rajaji Hospital Madurai Dept of Endo Crinology institute of Basic Medicinal science Tharamani Campus, Chennai

ANNEXURE – I Research Publication

J Stella Mary, P. Vinotha, Andrew M Pradeep, Screening for in vitro cytotoxic activity of seaweed sargassum sp against Hep-2 and MCF-7 Cancer Cell Vol 13(12), 2012 1-4

Andrew Pradeep M, Muthumariappan M Determination of Serum Lipid Profile in Cancer patients Online Journal of BioSciences and informatics, Vol: 1 Issue 1, 2012

Andrew M Pradeep KJ, Arun prakash Elamaran Quantification of reactive nitrogen intermediate among patients with different forms of cancer Journal of Carcinogenesis, Vol 10, 2011, S6

Andrew M Pradeep K. Anand Viknesh K Quantification of Reactive Oxygen species and its association with anemic prevalence among patients with different type of cancer journal of carcinogenesis, Vol 10, 2011, S18

Andrew M Pradeep, Uma Mageswari 1, M. Muthumariappan Screening of Bloodborne Pathogens and Antimicrobial Susceptibility Testing Among Cancer Patients Asian Pacific J Cancer Prevention Vol 11, 2010, 1431-1433

Andrew M Pradeep, M. Thiruvalluvan V. Nalini, J Stella Mary Zinc deficiency and T Cell Dysfunctioning among Human Immunodeficiency Virus Sero Positives American Medical Journal 1(2), 83-86-2010, ISSN 1949-0070 Science Publication

Andrew M Pradeep, M. Thiruvalluvan V. Dhamodharan A Study on Erythrocytic Determination of Anemic Condition among Human Immunodeficiency Virus Sero Positives, American Medical Journal 1 (2), 54, - 57, 2010, ISSN 1949-0070, Science publication

Andrew M Pradeep, M. Thiruvalluvan K. Aarthy, J. Stella Mary Determination of Iron Deficiency among Human Immunodeficiency Virus Sero Positives American Medical Journal 1 (2), 51-53,2010, ISSN 1949-0070, Science Publication.

Andrew M Pradeep, D. Ramya R.S Nadhini & I Kirubakaran A study on susceptibility to Dental Caries, & Probiotic Activity Against the isolates among the Leprosy Patients, Perspectives of Biotechnology – Hitherto and henceforth Pg 43-53, ISBN: 978-81-90864-91-6

Seasonal Occurrence of Bovine Mastitis causing organisms from grazing land of Western Ghats, India – International

M. Marudhuramachandran, Andrew M Pradeep, T.R Prabha XXI International Grass Land Congress & Multifunctional grasslands in a changing world Volume II: XXI International Grassland Congress and VIII International Rangeland Congress, and VIII International Rangeland Congress, (IGC/IRC) Hohhot, China, July 2008 pp. 126 GUANGDONG PEOPLES PUBLISHING HOUSE Vol II Pg: 126 ISBN 978-7-218-05854-2
<http://cabdirect.org/abstracts/20093267483.html>

ANNEXURE – II

PAPER PRESENTATION IN SCIENTIFIC SEMINARS/ CONFERENCES

Emerging Role of IgE as a potential Therapeutic Management Against Cancer

Study on Oxidative Stress Associated Lipid Peroxidation Among Breast Cancer patients

Impact of Chemotherapy on Renal Functioning in Different types of Cancer

Determination of Erythrocytic Indices and Hyperglycemia Condition Among Different types of Cancer Patients Receiving Chemotherapy

AT

5th Congress of the Federation of immunological societies of Asia Oceania Theme: Translational Immunology in Health and Disease 39th Annual Conference of the Indian Immunology Society March 14-17, 2012, Hotel Lemeridien, New Delhi, India

Screening for Oxidative Stress among HIV Sero Positives

Role of Serum Iron and its Association with Anemic Prevalence among Patients with Different types of Cancer

Study on the functional role of immunoglobulin E as surrogate Marker for HIV/AIDS infection

Role of Reactive nitrogen Species in Cardiac associated complication among type II Diabetic Mellitus Patients

Screening for Invitro Cytotoxic effect of Sargassum sp against chosen celllines (MCF-7&HEP-2), MTT assay.

AT

International Conference on New Horizons in Biotechnology & 8th Annual Convention of The Biotech Research Society, India Organized and Hosted by National Institute for Interdisciplinary Sciences and Technology (NIIST), CSIR, Trivandrum Between November 21 and 24, 2011

- Effective Mechanism of Dendritic Cell Derived Exosomes against Tumor Associated STn Antigenic Molecules

International colloquium on Emerging Biotechnologies in Agriculture Animal health & Productivity (ICEB 09) February 22-26, 2009 Organized by School of Biological Sciences Alagappa University School of Biological Science The Queen's University of Belfast Biological UK & Agri – Food and Biosciences Institute, Northern Ireland, Andrew M Pradeep, J. Stella Mary

- Role of Iron in Different Forms of Cancer

International Colloquium on Emerging Biotechnologies in Agriculture Animal health & Productivity (ICEB 09) February 22-26, 2009, Organized by School of Biological Sciences Alagappa University School of Biological Sciences, The Queen's University of Belfast Biological UK & Agri – Food and Biosciences Institute, Northern Ireland, P Suvetha Andrew M Pradeep, G. Indra

- Susceptibility to Dental Caries among Cancer Patients receiving chemotherapy

International Colloquium on Emerging Biotechnologies in Agriculture Animal health & Productivity (ICEB 09) February 22-26, 2009 organized by school of Biological Sciences Alagappa University of Belfast Biological UK & Agri – Food and Biosciences Institute, Northern Ireland, Andrew M Pradeep, Anand M. Majamalai & A. Janani

- Role of Zinc in Different forms of cancer

International Colloquium on Emerging Biotechnologies in Agriculture animal health & Productivity (ICEB' 09) February 22-26, 2009 organized by school of Biological Science Alagappa University School of Biological Sciences The Queen's University of Belfast Biological UK & Agri – Food and Biosciences Institute Northern Ireland, Andrew M Pradeep, Indira. G, Manju Murali.K

- Nanoparticles a promising Tool for Cancer Tehrapeutic Management

International Colloquium on Emerging Biotechnologies in Agriculture Animal health & productivity (ICEB 09) February 22-26, 2009 Organized by school of Biological Sciences alagappa University School of Biological Sciences The Queen's University of Belfast Biological UK & Agri – Food and Biosciences Institute Northern Ireland G, Suryakala Andrew M Pradeep,

- Host Micro Modulation for effective treatment of Cancer

International conference on Nano Medicine & Advances in Ophthalmic Research 3rd -5th September 2008 at Kamallnayan Bajaj Institute for Research in Vision & Ophtalmology Chennai India Andrew M Pradeep, Uma Maheswari S., Grace M, Kavitha P.

- Determination of Erythrocytic Indices and Hyperglycaemic condition in cancer Patient receiving Chemotherapy

International conference on Nano Medicine & Advances in Ophthalmic Research 3rd – 5th September 2008 at Kamallnayan Bajaj Institute for Research in Vision & Ophthalmology, Chennai India Andrew M Pradeep, Janani D shanmugapriya R, Nivaida K.P

- Role of Zinc in HIV Seropositives and their Associated Co-infection

International Conference on Genetics and amolecular diagnosis in Modern Medicine 7th – 9th January 2008 at Kamineni Education Society Hyderabad 01, India Andrew M Pradeep, Arun Kumar M., S.G. Karthikeyan R, Jeyakumar Williams and Thiruvalluvan M.

- Study on Prevalence of Oral pathogens and therapeutic management in Leprosy patients

48th Annual Conference Association of Microbiologists of India (AMI) 18-21, December 2007 at Department of Biotechnology India Institute of Technology Madras, Chennai – 600036 Andrew M Pradeep, Bharathi.P. Divya.V.V

- Co-infection pattern of Ocular pathogens and effect of Therapeutic Activity against the Isolates of Leprosy Patents

48th Annual Conference Association of Microbiologists of India (AMI) 18-21, December 2007 at Department of Biotechnology, India Institute of technology Madras Chennai-600036 Andrew M Pradeep, Susi parimala. A., Angel J, Arul Saravanan.V

- Co-Infection Pattern on Uropathogens among Leprosy patients

48th Annual conference Association of Microbiologists of India (AMI) 18-21, December 2007 at Department of Biotechnology, India Institute of Technology Madras Chennai – 600036 Andrew M Pradeep, Susi Parimala A., Angel J ArulSaravanan.V

- Therapeutic effect of Viruses against the Cytokine in Patients with Mycobacterium tuberculosis

48th Annual Conference, Association of Microbiologists of India (AMI) 18-21 December 2007 at Department of Biotechnology India Institute of Technology Madras Chennai – 600036 Andrew M Pradeep, Muthumariappan M. Susi Parimala S, J. Uma Mageswari.S

Prevalence of Vaginitis among Rural Women

48th Annual conference association of Microbiologists of India (AMI) 18-21, December 2007 at Department of Biotechnology India Institute of Technology Madras Chennai-600036 Andrew M Pradeep, Keethana. M Kavitha T, Prabha T.R.

- Prevalence of Dermatophytic Superficial Scalp infection among college students in Madurai, India

48th Annual Conference Association of Microbiologists of India (AMI) 18-21, December 2007 at Department of Biotechnology India Institute of Technology Madras Chennai – 600036.

- Study on Prevalence of the Ocular Pathogens and to evaluate the activity of Antibiotics and Herbal Extracts against Ocular Pathogen among Leprosy Patients
31st National Congress of Indian Association of Medical Microbiologist (IAMM), Microcon 2007, November 16th – 18th, 2007 at Kasturba Medical College, Mangalore Andrew M Pradeep Indira G. Arul Saravanan.V
- The Prevalence of Uropathogens and the Assessment of Antibiotic susceptibility and Herbal activity against the Isolate of Leprosy Patient
31 National Congress of Indian Association of Medical Microbiologist (IAMM), Microcon 2007 November 16th – 18th 2007 at Kasturba Medical College, Mangalore Andrew M Pradeep, Lidya Rathna. P. Saranya
- Effect of Magnesium deficiency on AIDS
29th conference of Indian Association of Medical Microbiology Oct 19-23rd 2005 at Ramachandra Medical College / Research Institute Chennai Vinayatha S., Damian Mary John Pradeep Andrew M Pradeep, Jeyakumar Williams, and Thiruvalluvan

ANNEXURE – III

RESEARCH PROJECTS

APRIL 2012 – POST GRADUATE RESEARCH PROJECT

Role of Serum Iron and Zinc Micronutrients in Immune Effector Mechanism of Type 2 Diabetes Mellitus – Andrew Pradeep.M, Haseena P.V

Study on Oxidative Stress (ROS, MDA), Anti Oxidant Status (TAS) Cardio Vascular Dysfunctioning (C—Reactive Protein) and Role of Micronutrients (Selenium, Magnesium) in Immune Effector Mechanism Among Patients with Type 2 Diabetes Mellitus - Andrew Pradeep.M, M. Kirubakaran. I

Screening for Antimicrobial Activity of Probiotic Producing Organism Lactobacillus sp against chosen isolates of UTI among patients with Tuberculosis Immune Effector Mechanism of Type 2 Diabetes Mellitus – Andrew Pradeep.M, Kartigai Priya. N

APRIL 2011 – POST GRADUATE RESEARCH PROJECT

Screening of Antitumor activity of Lycopene in Combination with Vitamin E against MCF-7 and Hep – 2 Cancer Cell Lines - Andrew Pradeep.M, M. Haseena P.V

Screening for the Inhibitory effect of Boerhaavia diffusa against Calcium Oxalate monohydrate (Kidney Stone) based on spectroscopic analysis - Andrew Pradeep.M, A. Saravanakumar

Quantification of Serum Glutamic Pyruvic Transaminase ROS, RNI, Lipid Profile analysis (HDL, LDL, TGL, VLDL) and Screening for Bacteremic & Candidemic conditions susceptibility to Dental Caries among Breast and Cervical Cancer patients - Andrew Pradeep.M, K. Aarthya

Determination of Liver, Kidney and Cardiac Associated Dysfunctioning and Quantification of Reactive Nitrogen Intermediate susceptibility to Dental Caries among patients with Type II

Determination of Lipid Peroxidation Quantification of Reactive Oxygen and screening for blood Bacteremic and Candidemic Conditions among Patients with Diabetic Mellitus - Andrew Pradeep.M, B. Meganathan

APRIL 2010 – POST GRADUATE RESEARCH PROJECT

Study on quantification of Reactive Oxygen Species Reactive Nitrogen Intermediate IgE level and Determination of Erythroid Indices & Assessment of Renal functioning among HIV Sero Positives - Andrew Pradeep.M, Dhamodharan.V

Study on Quantification of Reactive Oxygen Species Anemic prevalence and Determining the emerging role of IgE among patient with different forms of Cancer – Andrew Pradeep.M, Anand. K

Study on Quantification of Reactive Oxygen species anemic prevalence and Determining the Screening for Uro Pathogens & Ocular Candidiasis among Leprosy Patients – Andrew Pradeep M. Sibi Joy Manohar

Study on Immunosuppressive effect of Medicinal Plants *Justicia gendarussa* (Burm) and *Cardiospermum halicacabum* (Linn) on T Cell proliferation - Andrew Pradeep.M, Dhivya G

APRIL 2009

A study on Oral Candidiasis Susceptibility to Dental Caries scalp Infection and Probiotic activity against the isolates among the Leprosy patients - Andrew Pradeep.M, Ramya.D

A study on Erythrocytic Determination of Anemic Condition Blood Bore Infection Wound infection and evaluating the antimicrobial activity of probiotics among leprosy patients Andrew Pradeep.M, kavitha. P

Determination of serum Urine – Urea Uric Acid Creatinine for Renal functioning and screening for ocular pathogenesis among leprosy patient Andrew Pradeep.M, manjamalai.P

MARCH 2008

Serum Zinc and Iron status & Prevalence of Oral Candidiasis and its Therapeutic Management in Cancer patient - Andrew Pradeep.M, Ms., Indira.G

A study on Blood Bore pathogens and comparative effect of Herbal Activity against the Empirical recommendation of Antibiotics among Cancer Patients receiving chemotherapy Andrew Pradeep.M, Ms. Uma Mageswari

A study on Anaemic and Hyeperglycemic condition and susceptibility to Dental Caries in Cancer patients receiving chemotherapy Andrew Pradeep.M, Ms. Janani

Impact of Chemotherapy on renal functioning and study on uropathogenesis and its therapeutic management in different types of Cancer Andrew Pradeep.M,, Ms. Lydia Rathna Sugunaraj

MARCH 2007-POST GRADUATE RESEARCH PROJECTS

Study on prevalence of Oral pathogens and Evaluation of Baseline Deficiency Based on anthropometric parameters in Leprosy patients Andrew Pradeep.M, Ms. Divyaa

Study on Prevalence of the Ocular Pathogens and to Evaluate the Activity of antibiotics and Herbal Extract against ocular pathogen among Leprosy patients - Andrew Pradeep.M, Mrl Arul Saravanan

Study on the Prevalence of Uropathogens and Evaluation of Emopitical Recommendation of Antibiotics and Herbal Activity against the Isolates of Leprosy patients - Andrew Pradeep.M, Ms Saranya

Member ship in Governing Bodies

Member of European Association of Cancer Research (EACR9989)

Member of European Cervical Cancer Association

Member of American Association of Cancer Research

Annual Member of Association of Microbiologist India

Annual Member of Indian Immunology Society