



**JAWAHARLAL INSTITUTE OF
POSTGRADUATE MEDICAL EDUCATION
AND RESEARCH (JIPMER)**
*(Institution of National Importance under Ministry of health &
Family Welfare, Govt. of India)*
Karaikal, Puducherry



**National 'Continued Medical Education (CME)'
on**

**"Role of micro-RNAs and stem cells in cardiac
regeneration in diabetic heart disease"**

28th February, 2017

Organized by

**The Department of Physiology,
JIPMER, Karaikal – 609 602, Puducherry**

Why this CME?

Diabetes is highly prevalent in India and around the globe. One of the most troublesome complications of diabetes is diabetic heart disease (DHD). Successful treatment of DHD is a challenging task for the doctors. In recent years, researchers have turned to stem cells in an effort to regenerate myocardial function. It has been demonstrated that the resident stem cells of the myocardium can be stimulated to replace the degenerated cardiac myocytes. The present CME will address the pathophysiology of diabetic heart disease, present scenario of micro-RNA and stem cell research, and the **role of micro-RNAs and stem cells in improving cardiovascular function in diabetes**, and the future scopes. The speakers at this CME include experts from India and abroad who have spent their entire professional lives researching this novel therapeutic strategy.

This CME is for whom?

Attending CME has become a must to update knowledge in the field of medicine and to mention it in one's curriculum vitae, which is required for interviews, promotions, further opportunities and to fulfill further research and academic pursuits. Nevertheless, it helps in advancement and refining the knowledge in medicine. As the present CME addresses the role of micro-RNAs and stem cells in improving cardiovascular function in diabetes, the **young researchers like M.D. students, M.Sc. & Ph.D. students, Junior & Senior Residents, Tutors, Scientific Officers, Lecturers, Assistant Professors, Associate Professors and Post-Doctoral Fellows** working in the fields of Diabetes, Medicine, Cardiology, Endocrinology, Molecular Biology, Biotechnology, Life-Sciences, Metabolomics, Proteomics, Diabetic cardiology, and researchers/scientists working in the field of micro-RNAs and stem cells, will find this CME to be extremely useful. **Guides and supervisors of M.D., M.Sc., Ph.D. and other scientific projects**, and Professors will also be benefitted from this CME.

About JIPMER, Karaikal

Since its inception in 1956, JIPMER has stood in the forefront of patient care and medical research. In July 2008, JIPMER was declared an institute of national importance by an act of Parliament. This institute has taken major strides forward since our present visionary Director **Dr. S.C. Parija**, a national B.C. Roy awardee, took over the responsibility as head of the institute. In 2016 a new JIPMER campus was established at Karaikal (a peripheral component of U.T. of Puducherry) and the first batch of MBBS students was admitted. This institute is flourishing under the guidance of the Dean **Dr. G.K. Pal**, an eminent physiologist and medical scientist. The department of physiology at JIPMER Karaikal is in the forefront of medical research and innovative teaching.



About Karaikal

Karaikal, a quaint town nestled in greenery, is situated 140 km down south of Pondicherry. This coastal town, a part of the union territory of Pondicherry, is known for its famous French architecture, its temples and its unique culture. Places worth visiting while at Karaikal include the Danish Fort at Tarangambadi, Saneeswara temple & other temples at Thirunallar and the ancient Chola capital of Poompuhar, all within a radius of 10 kms. Karaikal



is well connected by highways and railways to all cities of the country. Trains and buses are frequently available to Karaikal from Chennai, Madurai, Coimbatore, Trichy, Thanjavur, Pondicherry, Chidambaram, and all other cities in southern part of India. Nearest airports are Trichy and Chennai airports, 155 km and 277 km from Karaikal respectively. The weather at Karaikal in February is dry, cool and comfortable.

Details of the Programme

Date, Day and Time: 28 February, 2017 (Tuesday), 9.00 AM to 5.00 PM.

Registration: 9.00 AM to 9.30 AM

Inauguration: 9.30 AM to 10.30 AM

High Tea: 10.30 AM – 11 AM

Topics and Speakers

Key Note Address: Challenges in Stem Cell Therapy for diabetic hearts: Present status and future perspectives (30 min)

Speaker: **Dr. Rajesh Katare**, Director, Cardiovascular Research Division, and Associate Professor of Physiology, University of Otago, New Zealand.

Forenoon Sessions

1. **Diabetic heart disease: Indian scenario** (30 min)
Speaker: **Dr. J. Balachander**, Medical Superintendent, JIPMER and Renowned Cardiologist
2. **Pathophysiology of diabetic cardiomyopathy** (30 min)
Speaker: Dr. Santhosh Satheesh, Additional Professor, Dept. of Cardiology, JIPMER
3. **Micro-RNAs: Structural, biochemical, genomic and functional aspects** (30 min)
Speaker: **Dr. Hannah Rachel Vasanthi**, Associate Professor of Biotechnology, Pondicherry University.
4. **Expression of micro-RNAs in cardiac tissues and their role in cardiac regeneration: Experimental and clinical evidences** (30 min)
Speaker: **Dr. Rajesh Katare**

Lunch : 1.30 – 2.30 PM

Afternoon Sessions

1. **Physiology of stem cells** (20 min)
Speaker: **Dr. G. K. Pal**, Dean, JIPMER, Karaikal (Puducherry)
2. **Stem cell harvesting and treatment** (30 min)
Speaker: **Dr. Biswajit Dubasi** : Additional Professor and Head, Department of Medical Oncology, JIPMER
3. **Stem cell research in cardiovascular studies (& concluding remarks)**(20 min)
Speaker: **Dr. Rajesh Katare**

Cardiovascular research equipment (Presentation by Gentech Co. and AD Instruments).

Panel Discussion and Valedictory: 4.30 PM

ASSOPI Chapter of Karaikal will be inaugurated during the CME.

ORGANIZING COMMITTEE

Chief Patron : **Dr. S. C. Parija**, Director, JIPMER

Patrons: **Dr. J. Balachander**, M.S., JIPMER

Dr. Vishnu B. Bhat, Dean (Research)

Dr. R. P. Swaminathan, Dean (Academics)

Dr. G. K. Pal, Dean (JIPMER, Karaikal)

Organizing Chairman : **Dr. G. K. Pal**

Joint Organizing Secretary: **Dr. Dinesh Syce**

Organizing Secretary : **Dr. S. Alankrutha**

Treasurer : **Dr. Sarthak Das**

Conveners of Committees:

Dr. Dinesh Syce (Scientific Committee)

Dr. P. Padmapriya (Reception, Souvenir and Certificates Committee)

Dr. S. R. Swarna (Invitation, Inauguration and Valedictory Committee)

Dr. K. Maheswari (Food and Catering Committee)

Dr. Kamla Kant (Accommodation, Transport, Sightseeing)

Dr. Ashutosh Kumar (Technical, Press, Campus and Security Committee)

Dr. Sivakumar, PRO (Press and VIP guests)

Accommodation

The delegates are requested to contact the hotels and arrange accommodation on their own. The contact details of a few popular hotels and hotel tariffs are given below.

Hotels	Contact No	Tariff	
		Single	Double
Subashree cottage	04368237780, 9443207780		Rs 1388
Holidays farms & resorts	04368228330		Rs 3815 (AC)
Hotel Kumaran residency	04368228348, 04368228349		Rs 1850 (AC)
Hotel Moujathir	04368228577, 04368228677	Rs 1700	Rs 2800
Atlantic inn	9952805883	Rs 975	Rs 1175
Hotel Mano Residency	04368224142, 9894425472	Rs 600 (Non AC) Rs 800 (AC)	Rs 800 (Non AC) Rs 1200 (AC)
Hotel Nanda	04368220533, 04368225033	Rs 600	Rs 900
Paris International Hotel	04368220304, 7867083020	Rs 499 (non AC) Rs 699 (AC)	Rs 899 (AC)
Hotel Moon Park	04368 236427, 9095998787		Rs 950 (non AC)

Registration

Aspiring participants are requested to fill-up the registration form & send the filled-form by e-mail to CME Secretariat mail and pay the registration fees as mentioned below.

The Format of the Registration Form

Name(in BLOCK LETTERS): _____ Age & Gender: _____

Present Designation & Institute: _____

Address for communication (in BLOCK LETTERS): _____

Mobile No: _____ E-mail: _____

Amount paid: *

Date: ____/02/2017

Signature of the Applicant.

*Payment Information:

Registration can be made by making payment through Money Order, Money transfer or Demand Draft.

Money transfer can be made to the Account No. **36531512816 (SBI, Karaikal)**

DD may be made in favor of "DIABETES CME" payable at SBI, Karaikal, IFSC: SBIN0001418

Payment by Money Order should be sent to Dr. G.K. Pal, Dean, JIPMER Karaikal – 609 602.

Registration Fees: Rs. 350/- (Last date for registration: 24.02.2017, 5 PM); Spot Registration : Rs 500/-

Credit Points for CME

10 Credit points will be awarded by JIPMER to the delegates for attending the CME.

All correspondence should be made to: Dr. G. K. Pal, Dean JIPMER, Karaikal – 609 602

For further details, please contact :

CME secretariat E-mail id: cmejipmerkaraikal@gmail.com(with CC to the following E-mail IDs)

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