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The Faculty and Residents of Department of Anatomy, JIPMER, Puducherry invite you to the National Workshop on Comet Assay technique and its applications on 23, 24th February 2018. JIPMER being an Institute of National Importance is in forefront in undergraduate, postgraduate medical education as well as in terms of patient care & research.

Need for the workshop:

Comet Assay or the single cell gel electrophoresis is a technique to quantify DNA damage and repair *In vivo* and *In vitro* studies involving wide variety of cells. It is utilized by researchers world over since it is simple, rapid, economical, sensitive and demonstrates DNA damage at cellular level. It's a powerful tool in human bio-monitoring, toxicological studies and to study factors involved in mutagenesis.

Hence the workshop is being conducted to give hands-on experience to the steps involved in comet assay and its analysis.

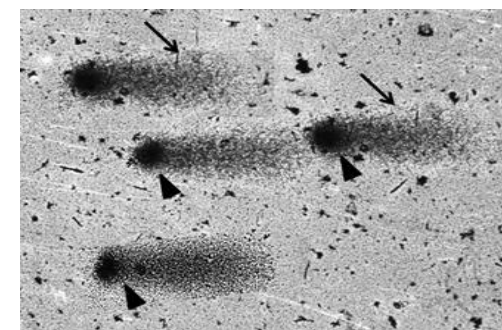
Contents of the Workshop:

- Lectures- Principles, technique of Comet Assay, Electrophoresis, staining, analysis of Comets, Variants of Comet technique, Trouble shooting, Applications.
- Laboratory- Lymphocyte separation, Slide preparation, Electrophoresis, Staining, Scoring the comets.

Participants: Post-graduates, Young research scholars, interested faculty and medical professionals.

**JAWAHARLAL INSTITUTE OF
POSTGRADUATE MEDICAL EDUCATION
AND RESEARCH,
PUDUCHERRY****National Workshop On Comet
Assay Technique And Its
Applications**

**Organized by the Department of
Anatomy- 23, 24th February 2018**

**Venue:**

Department of Anatomy,
JIPMER Academic Center
(JAC),
JIPMER.

Accommodation:

The participants are requested to make their own arrangements for accommodation. Limited accommodation may be available on priority basis in JIPMER campus at request.

Travel:

By Road: Puducherry is well connected by road to Chennai (3 hours), Trichy (4 hours), Bengaluru (7 hours) and other major cities in Tamilnadu.

By Train: Puducherry has limited train connections to Chennai, Bengaluru, Delhi and Mumbai. The other nearest station is Villupuram (35 km).

By Flight: Puducherry is connected by direct flight to Hyderabad. The nearest domestic as well as International airport is Chennai.

For any other details please contact:

Dr. Suma H Y

Additional Professor

Department of Anatomy

JIPMER, Puducherry.

Contact No.- 9442550603.

Dr. Sulochana Sakthivel

Associate Professor

Department of Anatomy

JIPMER, Puducherry.

Contact No.- 9894584185.

How to apply

Please send the details requested in the registration form by post to the address given below or scanned copy of registration form by e-mail to cometworkshop@gmail.com on or before 25-01-18. Twenty five candidates will be selected. The selected candidates will be intimated via E-mail. Registration fee of **Rs. 2500. (Add Rs. 100 Extra** for Tamilnadu Medical Council credit hours certificate) **has to be remitted only after selection.** The Registration fee includes the workshop kit, manual, two working lunch, tea and snacks.

Important dates:

Last date for sending registration details:
25-01-2018

Intimation of selection : **30-01-2018**

Last date for payment of registration fee:
10-02-2018

Address for correspondence:

**The Organizing Secretary,
Comet Assay Workshop,
Department of Anatomy,
JIPMER Academic Center, JIPMER,
Dhanvantrinagar, Puducherry-605006.
cometworkshop@gmail.com**

REGISTRATION FORM

Name: _____

Age & Gender: _____

Qualification: _____

Designation: _____

Faculty/ Post-graduate student/ Others
(Please Specify) _____

Institution/College:

Address for communication:

Contact No: _____

E-mail id: _____

Tamilnadu Medical Council Credit hours
certificate required: Yes/ No

Accommodation required: Yes/ No