



# 11<sup>th</sup> Symposium on Frontiers in Biomedical Research: Challenges in human health: Diagnosis Prevention and Care



## Posters to be displayed on Tuesday February 20 2018

**Dimension of the Poster board is 4 feet in width and 3 feet in height**

**P27:** Anticancer effect of HDAC 6 specific inhibitor on cervical cancer. Sumeet Kaur, Madhu Chopra.

**P28:** *In-Silico* Designing and Development of subtype selective HDAC inhibitors as anticancer agents. Priya Poonia, Madhu Chopra\*

**P29:** Electrochemical Immunosensor for Lung Cancer Detection based on Silver Nanoparticle-Graphene Oxide Nanocomposite. Anu Singh<sup>1#</sup>, Meenakshi Chaudhary<sup>1#</sup>, S. P. Singh<sup>2</sup>, Kavita Arora.

**P30:** Myc dependent role of Gsk3alpha in Glioma progression and its development . Vashishtha V<sup>1</sup>, Yadav AK.

**P31:** Insights into the role of deubiquitinating enzymes in breast cancer. Nyodu. R, Yadav, A.K

**P32:** *In silico* investigation and structure-guided design, synthesis and screening to explore the therapeutic potential of PAD4 inhibitors. Gagan Dhawan<sup>1</sup> and Wei Zhang.

**P33:** Cancer Diagnosis: Use of Bioprinting and Biosensors. Arpita Bhatt, Bhawana Verma, Mohini

**P34:** Comprehensive mapping of HPV infection in human cancers. Shilpi Gupta<sup>1\*</sup>, Prabhat Kumar<sup>1\*</sup>, Nishi Sharma<sup>2</sup>, Showket Hussain<sup>3</sup>, Sachin Singla<sup>4</sup>, Umesh Kumar<sup>5</sup>, Sarabjeet Singh<sup>6</sup>, Daman Saluja<sup>5</sup>, Syed Akhtar Husain<sup>7</sup>, Alok C. Bharti<sup>8</sup> & Bhudev C. Das<sup>1</sup>

**P35:** Altered levels of miR-21 and miR-184 during tongue squamous cell carcinoma. Prabhat Kumar<sup>1\*</sup>, Shilpi Gupta<sup>1\*</sup>, Nishi Sharma<sup>2</sup>, Sunita Gupta<sup>3</sup> and Bhudev C. Das<sup>1</sup>

**P36:** Phenotypic Microevolution of Progressively Transforming Cells Triggers Onset of Low Dose Hyper-Radiosensitivity and Altered Cell Adhesion Dynamics. Ankit Mathur<sup>1</sup>, Sudhir Chandna<sup>1\*</sup>

**P37:** DNA topology alteration by Histone deacetylase inhibitor enhances cell survival post-irradiation. Teena Haritwal<sup>1</sup>, Suhel Parvez<sup>2</sup>, Paban K. Agrawala<sup>1</sup>

**P38:** Deciphering the functional role of p73 in tumor suppression. Apoorva Uboveja<sup>1</sup>, Ya8endra Kumar Satija<sup>1</sup>, Daman Saluja<sup>1</sup>

**P39:** Autophagy mediated antitumorogenic effect of statin Simvastatin in breast cancer. Mehak Gulzar\* and Pankaj Taneja

**P40:** Differential modulation of cytokine/chemokine regulatory networks in patients with hippocampal sclerosis (HS) and focal cortical dysplasia (FCD). <sup>1,2</sup>Arpna Srivastava, <sup>1,3</sup>Aparna Banerjee Dixit, <sup>1,2</sup>Debasmita Paul, <sup>1,4</sup>Manjari Tripathi, <sup>5</sup>Chitra Sarkar, <sup>1,2</sup>P Sarat Chandra, <sup>1,6</sup>Jyotirmoy Banerjee.

**P41:** Integrated genome-wide DNA methylation and RNAseq analysis of resected brain tissues identifies aberrant signalling pathways in patients with Focal Cortical Dysplasia. <sup>2\*</sup>Devina Sharma, <sup>1</sup>Aparna Banerjee Dixit, <sup>2</sup>Arpna Srivastava, <sup>1</sup>Jyotirmoy Banerjee, <sup>2</sup>DebasmitaPaul, <sup>3</sup>Manjari Tripathi, <sup>4</sup>Deepak Prakash and <sup>2</sup>P Sarat Chandra

**P42:** Activation of Transforming Growth Factor Beta (TGFβ/SMAD3) signalling in Mesial Temporal Lobe Epilepsy (MTLE) patients. Debasmita Paul<sup>1,2</sup>, Aparna Dixit<sup>2,6</sup>, Arpna Srivastava<sup>2</sup>, Manjari Tripathi<sup>3</sup>, Jyotirmoy Banerjee<sup>2,7</sup>, Deepak Prakash<sup>4</sup>, Chitra Sarkar<sup>5</sup>, P.Sarat Chandra<sup>1,2\*</sup>

**P43:** Diet and lifestyle – factors modulating the population dynamics of gut microbiota and human health. Anuradha Sharma<sup>1</sup>, Arpita Bhatt<sup>1</sup>, Zainab Afreen<sup>1</sup>, Dr.S.Nanda<sup>2</sup>, Dr. Anju Jain<sup>1</sup>

**P44:** Biological Evaluation of Novel Quinoline Analogues Possessing Amyloid-Beta Disaggregation, Metal Chelation and Antioxidant Properties for the Treatment of Alzheimer's Disease. Shruti Shalini, Siddharth Gusain, Manisha Tiwari

**P45:** Fighting Against Epilepsy by Employing Brain Carbonic Anhydrases Inhibition Strategy. Chandra Bhushan Mishra\*, Shikha kumari, Manisha Tiwari

**P46:** Suppressing TTR amyloidosis: an approach toward therapeutic intervention of senile systemic amyloidosis. Sheeza Khan and Laishram Rajenderkumar Singh

**P47:** Fate of HTL on reservoir protein, Hemoglobin. Reshmee Bhattacharya and Laishram R. Singh

**P48:** Glutathione S-Transferase M1 and T1 Gene Polymorphisms in Patients with Acne Vulgaris: A Case-Control Study. Srivastava DS,<sup>1</sup> Aggrawal K,<sup>2</sup> Kumar M,<sup>3</sup> Singh G,<sup>4</sup>

**P49:** TMAO have different effects on fast folding and slow folding proteins. Kritika Gaur, Marina Warepam and Laishram R. Singh.

**P54:** Exploring symbiont-host cooperation in conferring radiation resistance to the mealybugs. Sonam Sharma, Surbhi Kohli, Ankita Narang and Vani Brahmachari.

**P55:** Meta-analysis of the 4C data for characterization of interactors. Neha Jain, Jayant Maini and Vani Brahmachari.

**P56:** Investigating the possible role of INO80 in the transcriptional regulation of intergenic microRNA genes in the human genome. Deepak Pant, Akanksha Verma and Vani Brahmachari.

**P57:** To identify the regulatory effect of dINO80 protein on protein coding genes in *Drosophila melanogaster*. Shumayila Khan, Akanksha Verma, Vani Brahmachari