

**ORAL PRESENTATION SCHEDULE**  
**International Conference on Advances in Biotechnology and Biotherapeutics (ICABBS-2017)**  
**8<sup>th</sup> March 2017, Wednesday**

**Venue : 1 Presentation Hall-1**  
**IRC – 1<sup>st</sup> floor**  
**Oral Session -1**  
**(01.30 PM- 03.00 PM)**

<b>1001A</b>	Dr.G. Ramaprabha	Assessment of relationship between chronic periodontitis and vitamin D status among women during pregnancy.
<b>1015A</b>	Ferdina	Design and simulation of micromixer for blood analysis
<b>1003A</b>	V.Saravanan	Determination of mutagenic potencies of extracts of <i>Kalanchoe pinnata</i> by AMES test
<b>1016A</b>	Sherin Jacob	Developmental MeHg neurotoxicity is prevented by Fisetin via downregulating ERK 1/2 and Caspase 3 mRNA expression and upregulating Rho/Rac/Cdc42 mRNA expressions in hippocampus of the F <sub>1</sub> generation rats
<b>1025A</b>	K. Siva Kesavarao	Cinnamon attenuates pre-diabetes induced retinal abnormalities via regulation of glucose homeostasis in neonatal streptozotocin (nSTZ) induced rat model

**Venue : 2 Presentation Hall-2**  
**IRC – 2nd floor**  
**Oral Session -2**  
**(01.30 PM- 03.00 PM)**

<b>1029A</b>	Sai Nivethitha S	Synthesis, Characterization and Bioactivity of agricultural waste derived copper doped wollastonite for bone tissue engineering
<b>1034A</b>	Sheigha Pappachan	Neuroprotective potential of Egg fruit ( <i>Pouteria campechiana</i> ) phytochemicals
<b>2014A</b>	K Sathvik Kumar Reddy	Comparative analysis on detection of shiga toxin-producing <i>E. coli</i> (stec) using various mems based cantilever based structures and actuating mechanism
<b>2012A</b>	Mr.C.Likith Kumar Reddy	Continuous sorting of shiga toxin-producing <i>E. coli</i> (stec) using I-shaped pillar arrays in a microfluidic device
<b>5023A</b>	Jaya Sikder	Continuous production and membrane-based purification of bioethanol produced from sugarcane bagasse
<b>2015A</b>	Nanditha Shenoy	Co and Co <sub>2</sub> gas sensor with integrated piezoelectric crystal

**Venue : 3 Presentation Hall-3**  
**IRC – 3rd floor**  
**Oral Session -3**  
**(01.30 PM- 03.00 PM)**

<b>4002A</b>	Priyanka.S	Statistical optimization of BGII medium for enhanced zeaxanthin productivity in <i>Synechococcus marinus</i> (NIOT-208)
<b>5032A</b>	Vaisali C	Effectiveness of phenolic antioxidants in improving oxidative stability of n-3 PUFA rich Indian sardine oil containing traces of water and iron
<b>5034A</b>	Gopalakrishnan Vani Sri	Screening of aqueous two phase systems for the extraction of Anthocyanin from Jamun fruit
<b>5048A</b>	Sanchita N Kamath	Designing, screening, synthesising and biological activities of thiozoles derived from Fmoc/Boc/Cbz - $\alpha$ amino acids
<b>5047A</b>	Harish R	Unravelling a sustainable bioprocess for production, Strain improvement and purification of <i>Streptomyces tyrosinase</i>
<b>5001A</b>	Dr. M.Shanmugavel	A study on pectinases from <i>Aspergillus tamarii</i> : toward greener approach for cotton bioscouring and phytopigments processing.

**Venue : 1 Presentation Hall-1**  
**IRC – 1<sup>st</sup> floor**  
**Oral Session -4**  
**(03.15 PM- 04.45 PM)**

<b>1020A</b>	V.Stella sravanthi	Identification and characterization of potent inhibitors for STAT3.
<b>1033A</b>	R.Selvi	Altered Regulation of gene expression in <i>Helicobacter pylori</i> infection associated chronic gastritis
<b>1040A</b>	Andrea Mary F	Genetic Polymorphisms in estrogen metabolizing enzymes and Breast cancer risk.
<b>1023A</b>	Salini Bhasker	Activation of PAI-1 and TGF b1 gene expression enhances epithelial migration and wound closure using HALE
<b>1043A</b>	Saira Khatheeja ,	FTIR -ATR spectroscopy as a diagnostic tool in hypercholesterolemia :induced by cholesterol rich diet

**Venue : 2 Presentation Hall-2**  
**IRC – 2nd floor**  
**Oral Session -5**  
**(03.15 PM- 04.45 PM)**

<b>2030A</b>	Ankita Dimri	Investigation of Cytotoxicity of Silver Nanoparticles synthesized using alanine as a reducing and Stabilizing Agent
<b>2008A</b>	Kunal Samantaray	Self-assembly of living cells by manipulating electrical properties: Towards a development of new biomaterials for bio-sensing applications
<b>2023A</b>	Kavitha Manoharan	Complete Treatment of Dye Effluent Using Immobilized Beads as Potential Remediators : Bacteria, Nanoparticles and Activated carbon
<b>2022A</b>	Gowri Shanmugam	Synthesis and characterization of TiO <sub>2</sub> NPs from fungal extract for biomedical applications
<b>2041A</b>	Anju C S	Greener synthesis of magnetic iron nanoparticles using leaf extract of <i>Simarouba glauca</i> (Lekshmi tharu) and its application as a biosorbent for removal of Methylene Blue

**Venue : 3 Presentation Hall-3**  
**IRC – 3rd floor**  
**Oral Session -6**  
**(03.15 PM- 04.45 PM)**

<b>2011A</b>	Nathiya Soundararajan	Preparation, characterization, and anti toxic effect of catechin via chitosan encapsulation against chlorantraniliprole induced toxicity
<b>2013A</b>	Vignesh kumar S	Stability studies of PEGylated chitosan nanocapsules loaded with thymoquinone
<b>2029A</b>	Snigdha Kumar	Study of Green Synthesis and Characterization of Silver Nanoparticles using Threonine and its Application as an Anti-bacterial Agent
<b>2028A</b>	Ashraf Chaudhary	Synthesis of Silver Nanoparticles using valine as a stabilising and reducing agent and its Characterisation
<b>3012A</b>	R Kowshik Aravilli, Dr. V. Kohila	In silico redesigning of hGSTM1 towards suppression of oxidative stress in rheumatoid arthritis

**9<sup>th</sup> March 2017, Thursday IRC (10.45 AM- 01.00 PM) (DAY-2)**

**Venue : 1 Presentation Hall-1  
IRC – 1st floor  
Oral Session -7  
(10.45 AM- 01.00 PM)**

<b>2040A</b>	Sharen K Jose, Lekshmi R Babu	Biosynthesis of Silver Nanoparticles From Leaf Extracts of <i>Cassia fistula</i> and <i>Mangifera indica</i> : Comparative Study, Characterization, Antimicrobial Activity and Toxicity Analysis
<b>2006A</b>	Dhanya	PEGylated multilayered polymer capsules for controlled release of curcumin and apoptosis induced cytotoxicity in A549 lung fibroblast cells
<b>2018A</b>	Soumya R.S	Synthesis, Characterization and Toxicity Evaluation of Locust Bean Gum Nanoparticles
<b>2007A</b>	Sherin Sainulabdeen	In vivo toxicity evaluation and tracking studies of stable curcumin incorporated titanium dioxide nanoparticles in experimental models
<b>2048A</b>	S.Arularasi	The preparation of Neurotensin peptide binding with Single-walled carbon nanotubes and their potential applications
<b>2039A</b>	Kousalya.R, Manoj Narayanan	Green Synthesis Of Silver Nanoparticles Using <i>Simarouba Glauca</i> Leaf Extract And Their Antibacterial Activity
<b>2021A</b>	P. K. Gayathri	Toxicity evaluation of Carbon nanoparticles
<b>2052A</b>	S. Inbasekaran	Saliva sensor using collagen thin film to detect blood sugar level

**Venue : 2 Presentation Hall-2**  
**IRC – 2nd floor**  
**Oral Session -8**  
**(10.45 AM- 01.00 PM)**

<b>2001A</b>	P.Yuvarani	Investigations of Optical, electrochemical and antimicrobial bustles of green synthesized silver nano particles using leaf extract of <i>Prosopis cineraria</i>
<b>2042A</b>	Abdurrashid shuaibu hassan	Development of Integrated Temperature, Humidity and pressure For Environmental monitoring using MEMS with improved sensitivity
<b>2051A</b>	Jayarama Naik	Formulation of Lignans- Loaded Lipid-Based Nano Transferosomes for Skin Delivery
<b>5007A</b>	Koel Saha, Pooja Verma Dr. J. Sikder	Cellulase immobilization in alginate gel for ease of recycling during hydrolysis of pretreated sugarcane bagasse
<b>1030A</b>	Sohini Sen	Efficacy evaluation of aqueous extract of <i>Tamarindus indica</i> L.leaves in septic arthritis rabbit model
<b>1017A</b>	D.Amala Reddy	Insights on activity of methanolic extract of <i>Adathoda vasica</i> to combat inflammatory response in LPS stimulated RAW 264.7 macrophage cells
<b>5003A</b>	B. Vishal, Dr. Debjani Dutta	Identification and characterization of a newly isolated carotenoid producing bacterium
<b>3011A</b>	Riju K. Thomas , C. Sudarsanakumar	Interaction of the flovone diosmin with ct-DNA using calorimetric, spectroscopic and molecular dynamic methods, along with its cytotoxicity studies
<b>5019A</b>	Fenil Chetankumar Panwala	Lattice-shaped microchannel network for sorting of size-dependent particles/cells by using hydrodynamic filtration

**Venue : 3 Presentation Hall-3**  
**IRC – 3rd floor**  
**Oral Session -9**  
**(10.45 AM- 01.00 PM)**

<b>6028A</b>	Lakshmanan Govindan	Isolation and Structural Elucidation of Biologically Active Crystal Compound Allantoin from <i>Cleome viscosa</i> L.
<b>6004A</b>	D.Yuvaraj	Bioactivity of salt marsh plants ( <i>Suaeda maritima</i> , <i>Salicornia brachiata</i> and <i>Sesuvium portulacastrum</i> ) – Profiling Analysis by High Performance Liquid Chromatography (HPLC)
<b>6012A</b>	Shreenidhi K.S, Dr. B. Vijaya Geetha	A study on the toxicity effect of selected pharmaceutical effluent containing compounds in <i>Pangasius</i> species
<b>6025A</b>	A.kamalini,	Single step purification of protease from pineapple waste ( <i>Ananas comosus</i> )
<b>6001A</b>	Parameswari P	Chromatographic separation studies of bioactive compound from <i>Artemisia nilagirica (clarke)</i> PAMP
<b>6005A</b>	U. Preethi Praba	Iron content and localization in <i>Moringa oleifera</i>
<b>6008A</b>	Dr. R. Prabhu	Molecular screening of parents for polymorphism in groundnut ( <i>Arachis hypogaea</i> l.)

**Venue : 1 Presentation Hall-1**  
**IRC – 1<sup>st</sup> floor**  
**Oral Session - 10**  
**(01.45 PM- 03.15 PM)**

<b>1036A</b>	B. Karpaga Raja Sundari	Cytotoxic and Antioxidant effects of various tissue extracts of <i>Plumbago Zeylanica</i> : Implications for anticancer potential
<b>1014A</b>	Dr Prabha M	Carboxyl esterase specific activity significantly lowers in all grades of Brain tumors in parent tumors and in their derived primary cell culture
<b>1045A</b>	B.R Ganavi Rajan	Identification of deleterious SNP's in BRCA1 and BRCA2 gene through NGS approach
<b>1046A</b>	Manikandan Mohan	Genome-wide prediction of Human Papilloma Virus specific T-cell epitopes using a combination of matrix based computational tools
<b>1039A</b>	Rajitha Balney	Inhibition of NF-κB Translocation inhibits Colorectal Cancer Growth and Metastasis

**Venue : 2 Presentation Hall-3**  
**IRC – 2nd floor**  
**Oral Session - 11**  
**(01.45 PM- 03.15 PM)**

<b>5041A</b>	Shanmuga Priya V.G	Targeting Rv2004c protein of DosR regulon in <i>M.tuberculosis</i>
<b>5021A</b>	Ashwani K. Rai	Assessment of Nutrient Deprivation to Understand Stress Biology in Microalgae for Simultaneous Production of Lipids and High-value Renewables
<b>5002A</b>	Veena.S, Aparna devi.S	Detection of toxins in chocolates
<b>5035A</b>	Harshita Gogoi, Nirosha V	Feasibility of paper mill sludge as a substrate for production of bio-butanol using <i>Clostridium sporogens NCIM 2337</i>
<b>5042A</b>	Muthukumar Ponnurangam	Antibacterial effect of protease from a probiotic bacteria: <i>Bacillus laterosporus</i>

**Venue : 3 Presentation Hall-3**  
**IRC – 3rd floor**  
**Oral Session - 12**  
**(01.45 PM- 03.15 PM)**

<b>6034A</b>	B.Chitra Kani	Screening and characterization of fungal taxol from leaf spot fungi
<b>6011A</b>	Nisha K, Prof. Vijay D. Mendhulkar	An Investigation on antigenotoxic effect of vermiwash against industrial effluent in <i>Pisum sativum</i>
<b>6010A</b>	C.Gladis Raja Malar	A comparative study of free radical scavenging activity of stem extract of <i>Salacia oblonga</i> and its gc-ms analysis.
<b>6020A</b>	Kiran S, A. B. Nadaf	RNAi mediated down regulation of <i>BADH2</i> gene in non-scented rice IR-64 ( <i>Oryza sativa</i> L.) for aroma synthesis
<b>6021A</b>	Manisha L, Shamnamol GK	Utilisation of green energy from waste banana fruit bunch for the production of natural shampoo.

**10th March 2017, Friday (DAY-3)**

**Venue : 1 Presentation Hall-1**

**IRC – I<sup>st</sup> floor**

**Oral Session -13**

**(10.45 AM- 01.30 PM)**

<b>1047A</b>	K.Varunkumar, Dr. V. Ravikumar	Effect of Lithium chloride on Class III HDAC enzymes (SIRTUINS) and apoptotic gene expressions in A549 human lung adenocarcinoma cell line
<b>1048A</b>	Parthasarathy Krupakar	Deciphering the Multifunctional Aspects of Dengue Capsid and NS5 Proteins.
<b>1042A</b>	Devika M.	Pterostilbene mediates protection against glucolipototoxicity in INS-1E cells
<b>1031A</b>	Jayaseelan Arun	Phenolic compounds, b-carotenoids task in anti-oxidant and apoptotic activity of <i>Chlorella pyrenoidosa</i> from wastewater against HT-29 tumor cells
<b>1044A</b>	M.Shanmugapriya	Phytofabrication and Characterization of Silver Nanoparticles with <i>Annona muricata</i> leaf Extract and Evaluation of its Anticancer activity in A549 Lung cancer cells
<b>3014A</b>	Asish Bhaumik	Evaluation of in vivo hepatocytes regenerator potentiality of some novel oxadiazole derivatives followed by molecular docking against NF-KB gene
<b>1013A</b>	Bishnu Prasad Sinha	Efficacy evaluation of ethanolic extract of <i>Tamarindus indica</i> L.leaves as possible therapy in septic arthritis model of rabbit
<b>5022A</b>	Sumitha.V	Lactic acid production using Biodiesel waste derived Crude glycerol – A comparision between <i>L.casei</i> (NCIM 2125) and <i>L.plantarum</i> (NCIM 2084)
<b>5028A</b>	Sowjanya Baki, Divakar. K	Metagenomic bioprospecting of novel nitroreductase for degradation of nitro aromatic compounds



**Venue : 2 Presentation Hall-2**  
**IRC – 2nd floor**  
**Oral Session -14**  
**(10.45 AM- 01.30 PM)**

<b>6032A</b>	Estari Mamidala	Hiv-1 reverse transcriptase inhibition by phenolic compounds isolated from <i>Acalypha indica</i> (L.) Plant leaves extract
<b>6023A</b>	V.M.Karthic, S.Balamurugan	A comparative phytochemical and heavy metal studies of Purified and unpurified <i>Corallocarpus epigaeus</i> Benth.ex.hook. ( <i>Aagasagarudan Kizhangu</i> ) in the aspect of siddha system of medicine
<b>5036A</b>	Aditya Velidandi	Purification of Endo-glucanase enzyme from Soil Bacteria
<b>6016A</b>	Karthik sivabalan, Dr.M.Manickavasgam	Production of ecofriendly soybean by transgenic approach
<b>6027A</b>	B.R Ganavi Rajan, Anupama C	A eco-friendly approach for unlocking the potential of leucas aspera for the ease of mankind
<b>6022A</b>	S.Balamurugan, V.M.Karthic	A comparative Inorganic compounds analysis of Unpurified and purified Palagarai in the aspect of siddha system of medicine. (* <i>Palagarai – Cypraeamoneta Linn.</i> )
<b>3006A</b>	Airy Sanjeev	Investigation on the inter-molecular interactions of the fibril forming segment (non-amyloid- $\beta$ component) of $\alpha$ -synuclein during dimerization process: <i>A Potential of Mean Force Study</i>
<b>3004A</b>	Himakshi Sarma, Dr. venkata sathish kumar	Unveiling the transient Protein-Protein interactions that regulate the activity of Human Lemur Tyrosine Kinase-3 (LMTK3) domain by Cyclin-dependent kinase 5 (CDK5): An in silico study
<b>1027A</b>	Pillai Aruthra Arumugam, Joel P	A study to investigate the anti-carcinogenic activity of indigenous millet extracts

**Venue : 3 Presentation Hall-3**  
**IRC – 3rd floor**  
**Oral Session -15**  
**(10.45 AM- 01.30 PM)**

<b>3005A</b>	Mary Dutta	Dimerization of Full length Amyloid $\beta_{42}$ Peptide in Terms of Potential of mean Force: A Molecular Dynamics Study
<b>3009A</b>	Joel P	Putative roles of hypothetical transporters and proteins in glycan biosynthesis of Trypanosoma: A case study using in silico approaches
<b>3008A</b>	Boopathi Balasubramaniam	In vitro and in silico analysis of <i>Salmonella typhi</i> infection mediated immune response in phosphorylated proteins of <i>C. elegans</i>
<b>3013A</b>	Vaishnavi M	Designing, Screening and synthesising of S-linked tetrazoles derived from Fmoc/Boc/Cbz - amino acids
<b>5033A</b>	Anusha K	Studies on fibrinolytic enzyme from marine <i>Serratia marcescens subsp. sakuensis</i> (KU296189.1)
<b>5043A</b>	Shabnam Murshid	Biodegradation of bulk drug manufacturing industry effluent using microbial isolates
<b>2035A</b>	Niharika Bhatnagar	Comparision of mutant nattokinase with wild type protien for increased stability
<b>5054A</b>	D. Diana Florence	Optimization of textile dye effluent decolorization by dual oxidant ( $H_2O_2/ NH_4S_2O_8$ ) advanced oxidation process based on Response surface methodology
<b>5017A</b>	Barkha Singhal	Evaluation of fermentation conditions on the surface properties and invitro adhesion ability of <i>Lactobacillus plantarum</i> MTCC 2621
<b>5038A</b>	Thrishna K G, Giridhar R Nair, Malu Ravi	Production of oxalic acid from <i>Aspergillus niger</i> utilizing cassava rind as nutrient source