

**9 January 2006, Venue: CDFD Auditorium**

Time	Speaker	Title	Page No.
<b>Inaugural Session</b>			
0930 hrs	Director, CDFD	Welcome	
0935 hrs	J Nagaraju T Shimada	About the Symposium	2
0940 hrs	SE Hasnain	Baculovirus p35 in oxidative stress: functional and molecular interactions with p53 like factor	30
<b>Genetic Mapping and Comparative Genomics-I</b>			
	J Gowrishankar	Chair	
1010 hrs	M Goldsmith	What should we do with our molecular linkage maps? A position paper on positional cloning targets for the silkworm, <i>Bombyx mori</i>	7
1040 hrs	C Schlotterer	Hitchhiking mapping a population genomics approach towards functional genomics	8
<b>1110-1125 hrs TEA</b>			
1125 hrs	K Sahara	BAC-FISH analysis of <i>Bombyx mori</i> chromosomes	9
1155 hrs	K Kadono-Okuda	Identification of nsd-2, a densovirus-resistance gene in <i>Bombyx mori</i>	33
1215 hrs	AK Ghosh	Generation and analysis of expressed sequences from non-mulberry silkworm, <i>Antheraea mylitta</i> .	36
<b>1230-1330 hrs LUNCH and POSTER SESSION</b>			
<b>Genetic Mapping and Comparative Genomics-II</b>			
	C Schlotterer	Chair	
1330 hrs	D Heckel	The utility of genome information from <i>Bombyx mori</i> in the study of other lepidoptera	10
1400 hrs	K Mita	Prospects on the <i>Bombyx</i> genome analysis	11
1430 hrs	R Feyereisen	The use of genomic tools to study the evolution and function of enzymes of toxicological importance to insects	12
1500 hrs	MS Patole	Comparative analysis of <i>hexokinase</i> locus from two Dipterans.	34
1520 hrs	Y Nakajima	The relationship between the mariner-like sequences classified into the Cecropia-MLE-ITR (Bmmar2) and the inserted elements L1Bm and Bmmar6 among the populations of <i>Bombyx mandarina</i> inhabiting in Japan, Korea and China	37
<b>1540-1555 hrs TEA</b>			
<b>Insect transgenesis and applications</b>			
	P Couble	Chair	
1555 hrs	E Wimmer	From evolutionary developmental biology to insect pest management	13
1625 hrs	T Tamura	Transgenic silkworm as a tool for analysis of gene function	14
1655 hrs	L Alphey	Genetic control of pest insects	15
1725 hrs	T Niimi	Transgenesis and RNA interference in fly, moth and beetle	16
1755 hrs	S Kanginakudru	Induction of baculoviral resistance in transgenic silkworm, <i>Bombyx mori</i>	38
1900 hrs	Meduri Srinivas	<b>CULTURAL PROGRAMME: VEENA RECITAL</b>	
2000 hrs		<b>DINNER: CDFD Lawns</b>	

**10 January 2006, Venue: CDFD Auditorium**

Time	Speaker	Title	Page No.
<b>Sex chromosomes and sex determination</b>			
	H Sharat Chandra	Chair	
0930 hrs	P Couble	Chromatin processing of paternal genome at fertilization	17
1000 hrs	T Shimada	Genomic aspect of the sex and reproduction in <i>Bombyx mori</i>	18
1030 hrs	F Marec	Insights into the molecular evolution of the W chromosomes in lepidoptera	19
<b>1100-1115 hrs</b>	<b>TEA</b>		
1115 hrs	G Saccone	New sexing strains transforming <i>Ceratitis capitata</i> females into males	20
1145 hrs	J Nagaraju	A candidate for the primary sex determination signal in the silkworm, <i>Bombyx mori</i>	21
<b>1215-1330 hrs</b>	<b>LUNCH and POSTER SESSION</b>		
<b>Posters evaluation</b>			
	S Natesh SC Lakhotia		
<b>Insect development and evolution-I</b>			
	E Wimmer	Chair	
1330 hrs	SM Reppert	The CRY's of the Butterfly	22
1400 hrs	R Gadagkar	Genetic relatedness, haplodiploidy and the evolution of insect societies	23
1430 hrs	SR Palli	Molecular analysis of cross-talk between juvenile hormone and 20-hydroxyecdysone	24
1500 hrs	HA Ranganath	Pattern of introgression of genomes in the <i>Nasuta-Albomicans</i> complex of <i>Drosophila</i>	25
1530 hrs	N Mrinal	Innate immune system of insects is sexually dimorphic and helps to increase their reproductive fitness.	42
<b>1545-1600 hrs</b>	<b>TEA</b>		
<b>Insect development and evolution-II</b>			
	SM Reppert	Chair	
1600 hrs	SC Lakhotia	Pleiotropic effects of mix-expression of the non-coding <i>hsr-omega</i> gene in <i>Drosophila</i>	26
1630 hrs	KP Gopinathan	The developmental paradigm for the silk glands in the mulberry silkworm <i>Bombyx mori</i> : Are they different from the salivary glands?	27
1700 hrs	LS Shashidhara	On evolution of insect wings	28
1730 hrs	R Mishra	Genome organization and chromatin mediated developmental gene regulation	29
<b>1900 hrs</b>	<b>AS Jayanth</b>	<b>CULTURAL PROGRAMME: INDIAN CLASSICAL DANCE BALLET</b>	
		<b>VENUE : Taramati Baradari</b>	
<b>2030 hrs</b>		<b>BANQUET : Hosted by Tilda Riceland Ltd.</b>	

**11 January 2006, Venue: CDFD Auditorium**

Time	Speaker	Title	Page No.
<b>Other advancements</b>			
	D Heckel	Chair	
0930 hrs	S Katsuma	Functional characterization of a baculoviral fibroblast growth factor (vFGF) and its host receptor	31
1000 hrs	Y Shouche	Microbial diversity of insect mid guts: interactions and potentials	35
1020 hrs	T Kusakabe	DNA repair by homologous recombination in the silkworm, <i>Bombyx mori</i>	40
1040 hrs	JS Bentur	Genetic basis of rice-gall midge interactions and implications in development of durable resistance in rice	39
<b>1100-1115 hrs</b>	<b>TEA</b>		
1115 hrs	D Takaaki	Characterization of the BmNPV chitinase and its host orthologs, BmChi-h.	41
1135 hrs	A Gandhe	Analysis of silkworm c-type lysozyme family proteins and their role in insect immunity	43
<b>Concluding Session</b>			
1200 hrs	M Goldsmith D Heckel		
<b>1230-1330 hrs</b>	<b>LUNCH</b>		
<b>1400 hrs</b>	<b>PROCEED FOR SIGHT SEEING</b>		