



EUROPEAN  
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JSPS Japan Society for the Promotion of Science

## ESF Research Conferences

A Programme of the European Science Foundation

### List of Short Talks

ESF-JSPS Frontier Science Conference Series for  
Young Researchers

**Follow-up Workshop on Functional Genomics  
From the Bench to Bioinformatics**

Kanagawa • Japan • 6-11 March 2006

**Chair:** Gunnar Von Heijne • Stockholm University, SE

**Co-Chair:** Satoru Miyano • Tokyo University, JP

[www.esf.org/esfjgps/06208](http://www.esf.org/esfjgps/06208)

	<b>Surname</b>	<b>Name</b>	<b>Title</b>
1	<b>Aburatani</b>	Sachiyo	<i>Inference of the relationships between SOS related genes in Escherichia Coli</i>
2	<b>Akllilu</b>	Eleni	<i>A functional polymorphism in the monoamine oxidase A gene is associated with atypical features of major depression and variation in CSF monoamine metabolite levels</i>
3	<b>Frishman</b>	Dmitrij	<i>Comparative proteomics: software and applications</i>
4	<b>Garcia</b>	Jose	<i>Functional analysis of the PsbX protein of Photosystem II in higher plants by means of antisense inhibition</i>
5	<b>Hayashida</b>	Morihiro	<i>Protein domain networks: scale-free mixing of positive and negative exponents</i>
6	<b>Hirasawa</b>	Takashi	<i>Molecular breeding of ethanol stress-tolerant yeast strains based on DNA microarray data analysis</i>
7	<b>Ichiishi</b>	Eiichiro	<i>OMICS research trial of allergic pollinosis</i>
8	<b>Ito</b>	Hiroshi	<i>Analysis for the robustness of a circadian clock in vitro</i>
9	<b>Kadowaki</b>	Tadashi	<i>Chemical Genomic Study in Endocrine Disruptors on Metabolic Pathways</i>
10	<b>Kantidze</b>	Omar	<i>Illegitimate Recombination Is a Possible Mechanism of Topoisomerase II - Induced Chromosomal Rearrangements</i>
11	<b>Kawano</b>	Shin	<i>Prediction of glycan structures from gene expression data based on glycosyltransferase reactions</i>
12	<b>Kim</b>	Hyun	<i>Exploring the Saccharomyces cerevisiae membrane proteome</i>
13	<b>Klochkov</b>	Denis	<i>Differentially methylated region in the extended upstream area of chicken alpha-globin gene domain reveals silencer activity in erythroid cells</i>
14	<b>Komiya</b>	Akira	<i>Screening for prostate cancer susceptibility genes in Japanese population</i>
15	<b>Labarga</b>	Alberto	<i>Integrating web services for functional genomics</i>
16	<b>Ledent</b>	Valérie D.	<i>Evolution of the specificities of the bHLH transcription factors: a 'sequence – structure – function' based approach</i>
17	<b>Lopez-Bigas</b>	Nuria	<i>Properties and Prediction of Cancer Genes</i>

18	<b>Martins Dos Santos</b>	Vitor	<i>Synthetic Biology: Constructing and Deconstructing Life</i>
19	<b>Michael</b>	Gromiha	<i>Dissecting <math>\beta</math>-barrel membrane proteins in genomic sequences</i>
20	<b>Milisavljevic</b>	Mira	<i>Psi-Less and Psi-Containing Aspartic Proteinases Coexist in Developing Buckwheat Seed</i>
21	<b>Minezaki</b>	Yoshiaki	<i>Intrinsically disordered regions of Human Transcription Factors</i>
22	<b>Mrazova</b>	Lenka	<i>Molecular analysis of Czech and Slovak patients with Methylmalonic aciduria</i>
23	<b>Nakamichi</b>	Reiichiro	<i>Combinatorial analysis of SNPs, gene expressions and environmental factors for binary disease using statistical model selection</i>
24	<b>Nakao</b>	Mitsuteru	<i>Large-scale analysis of human alternative protein isoforms</i>
25	<b>Obayashi</b>	Takeshi	<i>ATTED-II: a database of co-expressed genes and cis-elements for identifying co-regulated gene groups in Arabidopsis</i>
26	<b>Ota</b>	Motonori	<i>Comparison and classification of folding trajectories of a mini-protein, Trp-Cage</i>
27	<b>Pirozhkova</b>	Iryna	<i>Chromatin Structure and Transcriptional Regulation of the 4q35 Locus Implicated in the Fascio-Scapulo-Humeral Dystrophy</i>
28	<b>Popa</b>	Teodora	<i>IL-1 Genotype and Clinical Management of Periodontitis</i>
29	<b>Sandelin</b>	Albin	<i>Promoting the mammalian genome</i>
30	<b>Shiojima</b>	Satoshi	<i>Pregnancy-associated changes in genome-wide gene expression profiles in the liver of cow throughout pregnancy</i>
31	<b>Suzuki</b>	Takahiro	<i>The Study of Histone H3 at Lysine 9 Modification and of Nucleosome Density</i>
32	<b>Ussery</b>	David	<i>20 Methods to Compare Bacterial Genomes</i>
33	<b>Vervoort</b>	Michel	<i>Comparative genomics of animal development: an annelid model</i>
34	<b>Vijayarangakannan</b>	Parthiban	<i>Structural Analysis and Prediction of Protein Mutant Stability using Distance and Torsion Potentials: Role of Secondary Structure and Solvent Accessibility</i>
35	<b>Wasmuth</b>	James	<i>Exploring Parasite Proteinspace</i>
36	<b>Yamashita</b>	Riu	<i>Comprehensive promoter analyses using a database of transcription start sites (DBTSS)</i>

37	<b>Yoshida</b>	Hiroshi	<i>Derivation of relationship between proliferation and transition rates of multicells by Quantifier Elimination</i>
38	<b>Yoshida</b>	Ryo	<i>Genome-wide discovery of tumor-specific splice variants with all exon microarray</i>