

Oral and Poster presentations

Opening Lecture

Steve Oliver O-1 Functional genomics of the filamentous fungi: The path from the yeast

Plenary Lectures

Pierre J.G.M. de Wit L-1 FUNGAL (A)VIRULENCE GENES; EVOLUTION AT A MICRO-SCALE

David Denning L-2 ASPERGILLUS FUMIGATUS - INFECTION AND ALLERGENICITY

Nicholas J. Talbot L-3 Functional genomics of plant infection by the rice blast fungus *Magnaporthe oryzae*.

Axel Brakhage L-4 SIGNALLING AND REGULATION OF FUNGAL SECONDARY METABOLISM WITH RESPECT TO FUNGAL β -LACTAM ANTIBIOTICS

Dimitrios Tsitsigiannis L-5 Protein Kinase A Regulation of Secondary Metabolism is Mediated by the Transcriptional Regulators LaeA and AflR.

Harm Mulder L-6 THE ER STRESS RESPONSE IN *A. NIGER*; DIFFERENCES AND SIMILARITIES WITH YEAST AND MAMMALIAN CELLS.

Merja Penttillä L-7 PROTEIN PRODUCTION IN FILAMENTOUS FUNGI: CELLULAR RESPONSES AND STRAIN IMPROVEMENT

Jens Nielsen L-8 *Aspergilli* – The ultimate cell factory for production of chemicals.

John W. Taylor L-9 THE GENETIC BASIS OF ADAPTATION: *NEUROSPORA DISCRETA*

Workshop I Medical Mycology Chair: Neil Gow

Neil A.R. Gow Io-1 Cell surface mannan and the *Candida*-host interaction

Petra Schrotz-King Io-2 Identification and validation of proteins that will assist in the development of an antifungal therapy for *Aspergillus fumigatus*.

Christophe d'Enfert Io-3 CONTRIBUTION OF TWO GPI-ANCHORED PROTEINS TO THE FORMATION OF BIOFILMS BY *CANDIDA ALBICANS*

Aimee Zaas Io-4 SUSCEPTIBILITY TO *ASPERGILLUS FUMIGATUS*: ROLE OF HOST GENETIC BACKGROUND



Brendan Loftus	Io-5	COMPARATIVE GENOMICS OF CRYPTOCOCCUS; GENOME AND TRANSCRIPTOME ANALYSIS OF THE CRYPTOCOCCUS SEROTYPE D GENOMES JEC21 AND B3501A AND COMPARISON WITH OTHER CRYPTOCOCCUS AND YEAST SPECIES
Marjan Bovers	Io-6	GENOMIC DIVERSITY OF THE CRYPTOCOCCUS NEOFORMANS SPECIES COMPLEX
Anne Lafon	Ip-1	ROLE OF COMPONENTS OF G PROTEIN MEDIATED SIGNALING IN THE GERMINATION OF CONIDIA OF THE FILAMENTOUS FUNGUS ASPERGILLUS NIDULANS
Alan Dobson	Ip-2	PROTEOMIC AND GENOMIC BASED APPROACHES TO IDENTIFY PUTATIVE VIRULENCE FACTORS IN ASPERGILLUS FUMIGATUS.
Patricia Ann vanKuyk	Ip-3	THE RESPONSE OF FILAMENTOUS FUNGI TO CELL WALL STRESS
Sven Krappmann	Ip-4	THE CROSS-PATHWAY CONTROL SYSTEM CONTRIBUTES TO PATHOGENICITY OF ASPERGILLUS FUMIGATUS
Mike Bromley	Ip-5	WAX MOTH LARVAE AS A MODEL FOR GENE EXPRESSION STUDIES DURING ASPERGILLUS FUMIGATUS INFECTION
Seyyed Amin Ayatollah Mousavi	Ip-6	Appearance of Apoptotic and Necrotic Markers in Aspergillus Fumigatus treated with various Concentrations of H ₂ O ₂
William C. Nierman	Ip-7	SEQUENCING AND ANALYSIS OF ASPERGILLUS FUMIGATUS AF 293
Florentine Marx	Ip-8	CHARACTERIZATION OF ANTIFUNGAL PROTEINS FROM FILAMENTOUS ASCOMYCETES
Colin Mitchell	Ip-9	IDENTIFICATION OF SPORE SURFACE COMPONENT(S) FROM ASPERGILLUS FUMIGATUS WHICH POSSESS DNA CLEAVING AND PROTEASE ACTIVITY
Pamela Little	Ip-10	SPORE SURFACE COMPONENT(S) FROM ASPERGILLUS FUMIGATUS WHICH INHIBIT THE OXIDATIVE BURST IN RAT ALVEOLAR MACROPHAGE AND HUMAN CELL LINES.

Workshop II
Fungal-Plant Interactions
Chair: Henriette Giese

Henriette Giese	Ilo-1	STRATEGIES FOR FUNCTIONAL ANALYSES OF FUNGAL PATHOGENESIS RELATED GENES
Linda Johnson	Ilo-2	TRANSCRIPTOMICS AND METABOLOMICS FORM AN INTEGRATED APPROACH TO UNRAVEL THE SYMBIOTIC INTERACTION BETWEEN PERENNIAL RYEGRASS AND NEOTYPHODIUM LOLII.
Bettina Tudzynski	Ilo-3	THE REGULATION OF TARGET GENES OF AT LEAST TWO SIGNALLING CASCADES VIA THE G ALPHA SUBUNIT BCG1 OF BOTRYTIS CINEREA IN THE INTERACTION WITH PHASEOLUS VULGARIS

Jan A.L. van Kan	Ilo-4	SIMULTANEOUS SILENCING OF MULTIPLE GENES IN THE APPLE SCAB FUNGUS <i>VENTURIA INAEQUALIS</i> BY EXPRESSION OF CHIMAERIC INVERTED REPEATS
Duyvesteijn Roselinde	Ilo-5	ELUCIDATING THE ROLE OF THE F-BOX PROTEIN FRP-1 IN PATHOGENESIS OF <i>FUSARIUM OXYSPORUM</i> .
M.I.G. Roncero	Ilo-6	CELL WALL BIOGENESIS AND PATHOGENICITY IN <i>FUSARIUM OXYSPORUM</i>
Martijn Rep	Iip-1	A SMALL, CYSTEINE-RICH PROTEIN SECRETED BY <i>FUSARIUM OXYSPORUM</i> DURING COLONIZATION OF XYLEM VESSELS IS REQUIRED FOR I-3-MEDIATED RESISTANCE IN TOMATO
Eva Nathues	Iip-2	THE ROLE OF REACTIVE OXYGEN SPECIES IN THE <i>CLAVICEPS PURPUREA</i> /RYE INTERACTION.
Wilhelm Schäfer	Iip-3	The Gpmk1 MAP-kinase of <i>Fusarium graminearum</i> regulates the production of cell wall degrading enzymes
Tomas Johansson I	Iip-4	TRANSCRIPTOME ANALYSES DURING THE ECTOMYCORRHIZAL DEVELOPMENT BETWEEN <i>PAXILLUS INVOLUTUS</i> AND BIRCH (<i>BETULA PENDULA</i>)
Arne Schwelm	Iip-5	THE ROLE OF DOTHISTROMIN TOXIN IN PINE NEEDLE BLIGHT
Steven H. Denison	Iip-6	Cellular Location of the palI and the palH, pH signalling Genes of <i>Aspergillus nidulans</i>
Gerhard Adam	Iip-7	CHARACTERIZATION OF <i>ARABIDOPSIS THALIANA</i> UDP-GLU COSYL-TRANSFERASES INACTIVATING THE <i>FUSARIUM</i> MYCOTOXIN DEOXYNIVALENOL
Stefano Ghignone	Iip-8	THE DATABASE OF PCR PRIMERS FOR PHYTOPATHOGENIC FUNGI
Adrienne Sexton	Iip-9	<i>SCLEROTINIA SCLEROTIORUM</i> STEM ROT OF CANOLA IN AUSTRALIA
Mojtaba Mamarabadi	Iip-10	IDENTIFICATION OF THE ROLE OF CHITINASES FROM THE ANTAGONISTIC <i>CLONOSTACHYS ROSEA</i> STRAIN IK726 IN BIOCONTROL.
Pietro Spanu	Iip-11	GENE EXPRESSION PROFILES IN <i>BLUMERIA GRAMINIS</i>
E. Lopez-Errasquin	Iip-12	EFFECTS OF SEVERAL FUNGICIDES ON THE EXPRESION OF THE FUMONISIN BIOSYNTHETIC GENE, FUM-5, AND THE MFS EFFLUX PUMPS OF <i>Fusarium verticillioides</i> BY REAL TIME PCR.
Michelina Ruocco	Iip-13	NOVEL FACTORS INVOLVED IN THE INTERACTION MECHANISMS OF <i>TRICHODERMA</i> , A MYCOPARASITE AND AN AVIRULENT OPPORTUNISTIC PLANT SYMBIONT.
Zaira Caracuel	Iip-14	<i>FUSARIUM OXYSPORUM</i> GAS1 ENCODES A 1,3- β -GLU CANOSYL-TRANSFERASE REQUIRED FOR VIRULENCE ON PLANTS



Julie Zwiesler-Vollick	Iip-15	THE ROLE OF SECRETED PROTEINS IN THE VIRULENCE OF AN APOPLAST-COLONIZING PLANT PATHOGENIC FUNGUS
Pascale Cotton	Iip-16	THE MULTIGENIC ENDOPG GENE FAMILY FROM THE NECROTROPHIC FUNGUS SCLEROTINIA SCLEROTIORUM : CHARACTERIZATION AND EXPRESSION DURING PLANT PATHOGENESIS
Mariangela Girlanda	Iip-17	GENETIC AND PATHOGENIC VARIABILITY IN RHIZOPYCNIS VAGUM D.F. FARR, A ROOT ROT AND ENDOPHYTIC FUNGUS
Karine Lambou	Iip-18	FUNCTIONAL ANALYSIS OF THE FUNGAL TETRASPANIN PLS1 DURING RICE INFECTION BY MAGNAPORTHE GRISEA.
Sonja Klemsdal	Iip-19	CHITINASE GENE FROM TRICHODERMA ATROVIRIDE CONFERS FUSARIUM RESISTANCE TO GM-BARLEY
Dolores Cordoba Canero	Iip-20	LACCASE PRODUCTION IN FUSARIUM OXYSPORUM
Sima Barhoom	Iip-21	PATHOGENIC AND NON-PATHOGENIC MODES OF CONIDIAL GERMINATION
Kerry Maguire	Iip-22	INDUCTION OF INFECTION PLAQUES IN OCULIMACULA SPP. THE CEREAL EYESPOT FUNGI
Tapani Yli-Mattila	Iip-23	TOXIN PRODUCTION BY FINNISH FUSARIUM STRAINS IN ARTIFICIALLY INOCULATED WHEAT AND BARLEY
Tapani Yli-Mattila	Iip-24	TOXIN PRODUCTION BY FINNISH FUSARIUM STRAINS IN AUTOCLAVED RICE
Tapani Yli-Mattila	Iip-25	DEVELOPMENT OF SPECIFIC PRIMERS FOR A PHYTOPATHOGENIC STRAIN OF FUSARIUM OXYSPORUM
Arturo Pérez Eslava	Iip-26	FOPTA1a AND FOPTA1b: TWO TRANSCRIPTION FACTORS DIFFERENTIALLY INVOLVED IN PATHOGENICITY OF FUSARIUM OXYSPORUM F.SP. PHASEOLI
Gilda Cappellazzo	Iip-27	A NEW GENE IN AN ARBUSCULAR MYCORRHIZAL FUNGUS MODULATED BY NITROGEN: AN AMINO ACID PERMEASE?
Anastasia Gioti	Iip-28	IDENTIFICATION OF FUNGAL GENES OVER-EXPRESSED DURING INFECTION OF ARABIDOPSIS BY MACROARRAY ANALYSIS.
Arnaud Bottin	Iip-29	THE CELLULOSE-BINDING ELICITOR LECTIN (CBEL) FROM PHYTOPHTHORA PARASITICA IS A NEW PATHOGEN-ASSOCIATED MOLECULAR PATTERN
Marie Dufresne	Iip-30	A FUNGAL MITE IS TRANSACTIVATED BY IMPALA, A MEMBER OF THE TC1-MARINER SUPERFAMILY
Bernard Dumas	Iip-31	FUNCTIONAL ANALYSIS OF CLSTE12, A STE12-LIKE GENE FROM THE BEAN PATHOGEN COLLETOTRICHUM LINDEMUTHIANUM
A.L. Martinez-Rocha	Iip-32	ROLE OF CUTINASES IN THE SOILBORNE PATHOGEN FUSARIUM OXYSPORUM

Heidi Ulrike Böhnert	Iip-33	SECONDARY METABOLISM AND AVIRULENCE IN MAGNAPORTHE GRISEA
Rahim Mehrabi	Iip-34	A MAP KINASE GENE, MgMK1, IS ESSENTIAL FOR PATHOGENICITY IN MYCOSPHAERELLA GRAMINICOLA
Christopher Rogers	Iip-35	PATHOGENICITY GENES IN THE MYCOPARASITE CONIOTHYRIUM MINITANS
Fernando José Calero-Nieto	Iip-36	REGULATION OF XYLANOLYTIC GENES IN FUSARIUM OXYSPORUM
Nelly Diaz-P	Iip-37	SAPONIN GLYCOSYL HYDROLASES AS VIRULENCE DETERMINANTS IN "Septoria lycopersici"
A.L. Martinez-Rocha	Iip-38	ROLE OF CUTINASES IN THE SOILBORNE PATHOGEN FUSARIUM OXYSPORUM
S. Rolland	Iip-39	INVOLVEMENT OF PHOSPHOLIPASE D IN THE REGULATION OF AN ACID PROTEASE PRODUCTION IN BOTRYTIS CINEREA.
Wilhelm Schäfer	Iip-40	A SECRETED LIPASE OF FUSARIUM GRAMINEARUM IS A MAJOR VIRULENCE FACTOR TO WHEAT
Wilhelm Schäfer	Iip-41	Molecular, chemical, and in planta analyses of Trichothecene mutants of three Fusarium graminearum field isolates with different phytopathogenic properties
Alessandro Infantino	Iip-42	GENETIC TRASFORMATION OF PYRENOCHAETA LYCOPERSICI OF TOMATO
Rosa Pinto	Iip-43	A SYSTEM FOR DIRECTED INTEGRATION IN THE pyrG LOCUS OF Aspergillus awamori GENOME.
Quirico Migheli	Iip-44	CHARACTERISATION OF ISOLATES OF PHOMA TRACHEIPHILA BY RAPD-PCR, MICROSATELLITE-PRIMED PCR AND rDNA ITS1/ITS2 SEQUENCING AND DEVELOPMENT OF SPECIFIC PRIMERS FOR IN PLANTA PCR-DETECTION
Alejandro Perez Garcia	Iip-45	MOLECULAR BASIS OF MITOCHONDRION-ENCODED RESISTANCE TO Q0 INHIBITOR FUNGICIDES IN PODOSPHAERA FUSCA
Dov Prusky	Iip-46	VIRULENCE AND THE PRODUCTION OF ENDO-1,4-B-GLUCANASE BY ISOLATES OF ALTERNARIA ALTERNATA INVOLVED IN THE MOLDY-CORE DISEASE OF APPLES
Georg Reischer	Iip-47	QUANTIFICATION OF FUSARIUM GRAMINEARUM IN INFECTED PLANT MATERIAL BY REAL-TIME PCR APPLYING A SPECIES SPECIFIC TAQMAN PROBE
Arturo Pérez Eslava	Iip-48	FOPTA1, DETECTED IN FORMAE SPECIALES OF FUSARIUM OXYSPORUM



Martin Urban	Iip-49	USE OF FORWARD AND REVERSE GENETICS AND COMPARATIVE GENOMICS TO DISSECT THE <i>Fusarium</i> EAR BLIGHT–WHEAT INTERACTION
Frances Trail	Iip-50	SEXUAL DEVELOPMENT AND FUNCTION IN GIBBERELLA ZEAE.
Morten N Grell	Iip-51	IDENTIFICATION AND ANALYSIS OF THE AUROFUSARIN GENE CLUSTER IN SPECIES OF THE FUSARIUM GRAMINEARUM COMPLEX
Theo van der Lee	Iip-52	FUSARIUMSCREENä, A SENSITIVE, REALTIME AND NON-DESTRUCTIVE MONITORING TOOL FOR FUSARIUM INFECTION IN CEREALS
Ernesto Perez Benito	Iip-53	IN VITRO AND IN PLANTA EXPRESSION OF THE BOTRYTIS CINEREA ALTERNATIVE OXIDASE CODING GENE.
Richard Johnson	Iip-54	A MULTIDISCIPLINARY APPROACH TO DISSECT THE MOLECULAR BASIS OF THE NEOTYPHODIUM LOLII / RYEGRASS SYMBIOSIS
W. Jonkers	Iip-55	ELUCIDATING THE ROLE OF THE F-BOX PROTEIN FRP-1 IN PATHOGENESIS OF FUSARIUM OXYSPORUM.

Workshop III
Mating and Sexual Development
Chair: Gillian Turgeon

B. Gillian Turgeon	IIIo-1	HOMOTHALLISM VS HETEROTHALLISM: DETERMINANTS
Nicole Nolting	IIIo-2	THE PHEROMONE RESPONSE PATHWAY OF THE HOMOTHALLIC ASCOMYCETE SORDARIA MACROSPORA
Jan de Jong	IIIo-3	SC15 OF SCHIZOPHYLLUM COMMUNE MEDIATES FORMATION OF AERIAL HYPHAE AND ATTACHMENT TO HYDROPHOBIC SURFACES IN THE ABSENCE OF SC3
Miroslav Vranes	IIIo-4	REGULATING NETWORKS RELATING FILAMENTOUS GROWTH AND PATHOGENICITY IN USTILAGO MAYDIS
Minou Nowrousian	IIIo-5	Fruiting Body Development of <i>Sordaria Macrospora</i> : Mutant Complementation and Functional Genomics Analyses Identify Regulatory Networks
Paul S. Dyer	IIIo-6	SEX AND MATING IN ASPERGILLUS; ASEXUAL OR NOT?
Cees Waalwijk	IIIp-1	THE FUMONISIN GENE CLUSTER AND THE MATING TYPE REGION AS EXAMPLES OF SYNTENY IN TOXIGENIC FUSARIUM SPECIES
Thomas Brefort	IIIp-2	There is more than one HMG-box Transcription Factor regulating Mating in <i>Ustilago Maydis</i>
Scott E Baker	IIIp-3	AN ORTHOLOG OF THE SACCHAROMYCES CEREVISIAE PROTEIN PRM1 IS INVOLVED IN MATING OF BOTH HETEROTHALLIC AND HOMOTHALLIC COCHLIOBOLUS SPECIES

Shirley Burrow	IIIp-4	MOLECULAR ANALYSIS OF BREEDING BEHAVIOUR IN THE GENUS AGARICUS
Jan Heine Deelstra	IIIp-5	REPELLENTS OF USTILAGO MAYDIS DO FUNCTION DIFFERENTLY THAN HYDROPHOBINS.
Cees Waalwijk	IIIp-6	CYTOLOGICAL KARYOTYPING OF FUSARIUM SPP. BY THE GERM TUBE BURST METHOD
Sabine Giesbert	IIIp-7	REACTIVE OXYXGEN SPECIES IN THE INTERACTION OF CLAVICEPS PURPUREA AND RYE: THE ROLE OF AN NADPH OXIDASE
Sarah B. Ware	IIIp-8	IDENTIFICATION OF THE TELEOMORPH OF SEPTORIA PASSERINII, THE BARLEY SPECKLED LEAF PATHOGEN
Alla V. Shnyreva	IIIp-9	Mating Behaviour and Clonality in Pleurotus Ostreatus Natural Population
Markus Künzler	IIIp-10	PROMOTER ANALYSIS OF CGL2, A GALECTIN ENCODING GENE TRANSCRIBED DURING FRUITING BODY FORMATION IN COPRINOPSIS CINEREA (COPRINUS CINEREUS)
Christine Schimek	IIIp-11	4-DIHYDROMETHYLTRISPORATE DEHYDROGENASE : MATING-RELATED EXPRESSION AND PROTEIN ACTIVITY IN MUCOR
Jan Schirawski	IIIp-12	Characterization of the mating Type Loci of Sporisorium Reilianum
E. Mingorance	IIIp-13	MATING TYPES AND GENETIC DIVERSITY IN PODOSPHAERA FUSCA
Shiho Katsukawa	IIIp-14	A NEW MEMBER OF RECQ HELICASE FAMILY FROM MUSHROOM
Andrea Hamann	IIIp-15	GENETIC ANALYSIS OF SPORE KILLING IN THE FILAMENTOUS ASCOMYCETE PODOSPORA ANSERINA
Silke Busch	IIIp-16	THE COP9 SIGNALOSOME IS AN ESSENTIAL REGULATOR OF DEVELOPMENT IN ASPERGILLUS NIDULANS
Matias Pasquali	IIIp-17	VCG ANALYSIS OF FUSARIUM OXYSPORUM F.SP. LACTUCAE
Anke Burmester	IIIp-18	SEXUALITY AND PARASITISM SHARE COMMON REGULATORY PATHWAYS IN THE FUNGUS PARASITELLA PARASITICA

Workshop IV
Signal Transduction
Chair: Miguel Peñalva

Miguel A. Peñalva	IVo-1	THE PAL AMBIENT PH SIGNALLING PATHWAY
Suzanne Zeilinger	IVo-2	TWO G ALPHA SUBUNITS AND A MAP KINASE ARE INVOLVED IN HOST RECOGNITION AND MYCOPARASITISM-RELATED GENE EXPRESSION IN TRICHODERMA ATROVIRIDE



Igor Morozov	IVo-3	DIFFERENTIAL TRANSCRIPT DEADENYLATION MEDIATES NITROGEN AND NITRATE SIGNALLING IN ASPERGILLUS NIDULANS
Michael Bölker	IVo-4	SMALL GTPASES OF THE RHO/RAC FAMILY REGULATE CYTOKINESIS AND CELL POLARITY IN USTILAGO MAYDIS
Jesus Delgado-Jarana	IVo-5	CHARACTERIZATION OF THE STRESS RESPONSE IN TRICHODERMA HARZIANUM: ROLE OF HOG KINASE AND CAMP PATHWAYS.
Gregory May	IVo-6	Regulation of Conidial Germination and Growth in <i>Aspergillus Fumigatus</i> by a Mitogen-activated Protein Kinase that senses Nitrogen
Maria Olmedo López	IVp-1	IDENTIFICATION OF DNA SEGMENTS INVOLVED IN REGULATION BY BLUE LIGHT AND MYCELIAL REPRESSION IN THE PROMOTER OF GENE CON-10 OF <i>NEUROSPORA CRASSA</i>
Greg Fitzgibbon	IVp-2	IDENTIFICATION AND CHARACTERISATION OF A PUTATIVE <i>ASPERGILLUS NIDULANS</i> TOR SIGNALLING PATHWAY WITH RESPECT TO NITROGEN METABOLISM
Miguel-Angel Moreno-Mateos	IVp-3	Signaling pH in <i>Trichoderma Harzianum</i>
Anastassia Khrouchtchova	IVp-4	EFFECTS OF OVEREXPRESSION OF IREA ON THE UNFOLDED PROTEIN RESPONSE IN <i>A. NIGER</i> .
Alisha Millard	IVp-5	A PROTEOMICS BASED APPROACH TO THE ANALYSIS OF PH REGULATION IN <i>ASPERGILLUS NIDULANS</i>
Kap-Hoon Han	IVp-6	HETEROTRIMERIC G PROTEINS TRANSMIT SIGNALS FOR REGULATING DEVELOPMENT, PATHOGENECITY AND SECONDARY METABOLISM IN <i>FUSARIUM GRAMINEARUM</i>
Vera Meyer	IVp-7	PROMOTER ANALYSIS OF THE <i>afp</i> GENE ENCODING THE ANTI FUNGAL PROTEIN OF <i>ASPERGILLUS GIGANTEUS</i> IN THE MODEL ORGANISM <i>ASPERGILLUS NIDULANS</i>
Laura Navarro Sampedro	IVp-8	ISOLATION OF <i>NEUROSPORA CRASSA</i> MUTANTS ALTERED IN BLUE LIGHT ADAPTATION
Julio Luis Rodriguez-Romero	IVp-9	REGULATION BY BLUE LIGHT OF THE GENE ENCODING THE HEAT-SHOCK PROTEIN HSP100 IN <i>PHYCOMYCES BLAKESLEEANUS</i>
Silvia Herranz	IVp-10	YPXL/I IS A PROTEIN INTERACTION MOTIF RECOGNIZED BY PROTEINS OF THE PALA/RIM20/AIP1/ALIX FAMILY
Gert Segers	IVp-11	IDENTIFICATION OF AN RGS PROTEIN OF THE CHESTNUT BLIGHT PATHOGEN <i>CRYPHONECTRIA PARASITICA</i> THAT REGULATES ACTIVITY OF G-ALPHA SUBUNIT CPG-1.
Jose Ramon de Lucas	IVp-12	THE <i>Aspergillus nidulans</i> <i>alcA</i> PROMOTER PERMITS IDENTIFICATION OF ESSENTIAL GENES IN <i>Aspergillus fumigatus</i>
Christine Voisey	IVp-13	TARGETED IDENTIFICATION OF CELL SIGNALLING GENES FROM A FUNGAL SYMBIONT OF PERENNIAL RYEGRASS

Kentaro Furukawa	IVp-14	ANALYSIS OF HIGH-OSMOLARITY RESPONSE MAPK PATHWAY OF ASPERGILLUS NIDULANS
Géraldine Mey	IVp-15	Role of the TOR signalling pathway in the necrotrophic development of the phytopathogenic fungus <i>Botrytis cinerea</i> .
Victoriano Garre	IVp-16	CLONING OF THE <i>Blakeslea trispora</i> GENE HOMOLOGOUS TO THE PHOTOCAROTENOGENIC REPRESSOR <i>crgA</i> OF <i>Mucor circinelloides</i>
Jan Scheffer	IVp-17	SIGNALLING IN THE INTERACTION CLAVICEPS PURPUREA AND RYE
Victor Meza-Carmen	IVp-18	HETEROLOGOUS EXPRESSION AND ROLE OF <i>gpa3</i> FROM <i>Mucor circinelloides</i>
Monika Schmoll	IVp-19	Envoy and minute, two novel genes influencing cellulase gene expression in <i>Hypocrea jecorina</i>
Barbara Reithner	IVp-20	THE TGA3 G ALPHA SUBUNIT IS INVOLVED IN SIGNAL TRANSDUCTION RESULTING IN THE MYCOPARASITIC RESPONSE OF TRICHODERMA ATROVIRIDE
Yvonne Rolke	IVp-21	CLAVICEPS PURPUREA – SIGNALLING IN DIRECTED GROWTH
Sabine Fillinger	IVp-22	THE HISTIDINE-KINASE BCOS1 OF BOTRYTIS CINEREA IS INVOLVED IN FUNGICIDE RESISTANCE AND VIRULENCE
Rosa M. Ruiz-Vázquez	IVp-23	UNUSUAL START CODON AND PROTEIN UNSTABILITY CAUSE LOW EXPRESSION OF THE PHOTOCAROTENOGENIC REPRESSOR <i>CrgA</i>
Margaret Katz	IVp-24	A NEW ROLE FOR HEXOKINASES IN FILAMENTOUS FUNGI
Dimitrios I. Tsitsigiannis	IVp-25	THE ROLE OF OXYLIPINS AS DEVELOPMENTAL SIGNALS IN ASPERGILLUS NIDULANS
Antonio Di Pietro	IVp-26	A SYSTEM FOR GENETIC DISSECTION OF THE PATHOGENICITY MAP KINASE CASCADE IN FUSARIUM OXYSPORUM
Karine Lambou	IVp-27	A NOVEL B-ZIP TRANSCRIPTION FACTOR FROM THE RICE BLAST FUNGUS, MAGNAPORTHE GRISEA, IS REQUIRED FOR PATHOGENICITY ON RICE
Katarina Kosalkova	IVp-28	ANALYSIS OF PROTEINS BINDING TO THE TTAGTAA ENHANCER SEQUENCE IN THE PENICILLIUM CHRYSOGENUM <i>pcbAB</i> PROMOTER BY SOUTHWESTERN
Dov Prusky	IVp-29	TISSUE ALKALINIZATION MODULATES SECRETION OF ENDO β -1,4- GLUCANASE BY <i>Aternaria alternata</i> AS A MECHANISM FOR PATHOGENICITY IN FRUITS
Dov Prusky	IVp-30	TISSUE ACIDIFICATION BY PENICILLIUM AS A MECHANISM TO ENHANCE PATHOGENICITY



Dr. Peter S. Solomon	IVp-31	Molecular Dissection of Stagonospora Nodorum - Wheat Interaction
Arturo Pérez Eslava	IVp-32	CHARACTERIZATION AND GENE DISRUPTION OF THE FST20 AND FST12 GENE FROM THE PHYTOPATHOGENIC FUNGUS FUSARIUM OXYSPORUM.
Robbert Damveld	IVp-33	THE ASPERGILLUS NIGER MADS-BOX TRANSCRIPTION FACTOR RLMA IS REQUIRED FOR CELL WALL REMODELING IN RESPONSE TO CELL WALL STRESS.
S. Rolland	IVp-34	USE OF A GFP REPORTER SYSTEM TO STUDY THE pH REGULATION OF AN ACID EXPRESSED GENE FROM A NECROTROPHIC FUNGUS.
Katharina Zarnack	IVp-35	CROSSTALK BETWEEN PKA AND MAPK SIGNALLING LEADS TO DIFFERENTIAL REGULATION OF PRF1 ACTIVITY
Santiago Torres-Martinez	IVp-36	IDENTIFICATION OF PROTEINS THAT INTERACTS WITH THE PHOTOCAROTENOGENIC REPRESSOR CrgA OF <i>Mucor circinelloides</i>
Emanuela Polidori	IVp-37	MAPK SIGNALING IN THE ECTOMYCORRHIZAL SYSTEM <i>tUBER BORCHII-TILIA AMERICANA</i> L.

Workshop V

Primary Metabolism and Transporters

Chair: Daniel Ramon

Daniel Ramon	Vo-1	Title not available at time of print
Michel Flippi	Vo-2	CARBON CATABOLITE REPRESSION (CCR) IN ASPERGILLUS NIDULANS : THE EFFECT OF <i>creB</i> AND <i>creC</i> MUTATIONS ON THE UPTAKE OF REPRESSING SUGARS.
Bernhard Seiboth	Vo-3	THE ALTERNATIVE D-GALACTOSE CATABOLIC PATHWAY IN <i>HYPOCREA JECORINA</i> : A STOWAWAY OF D-XYLOSE AND L-ARABINOSE CATABOLISM
Matthias Brock	Vo-4	FORMATION OF PROPIONYL-COA AND ITS EFFECT ON CELLULAR METABOLISM IN FILAMENTOUS FUNGI
Agnieszka Dzikowska	Vo-5	NITROGEN METABOLITE REPRESSION OF ARGININE CATABOLISM GENES IN ASPERGILLUS NIDULANS
Barbara Montanini	Vo-6	NITROGEN STARVATION RESPONSES IN A SYMBIOTIC FUNGUS: A TRANSCRIPTOMIC ANALYSIS IN THE ECTOMYCORRHIZAL ASCOMYCETE <i>Tuber borchii</i>
Nina Aro	Vp-1	THE ARABINOLYTIC PATHWAY IN <i>TRICHODERMA REESEI</i>
Jon K. Magnuson	Vp-2	FUSARIUM OXYSPORUM FERMENTATION: SWEET & SOUR ETHANOL

Sabrina Zeppa	Vp-3	MOLECULAR CHARACTERISATION OF A SULPHATE TRANSPORTER IN THE ECTOMYCORRHIZAL FUNGUS TUBER BORCHII VITTAD.
Andrew Plumridge	Vp-4	SORBIC ACID INHIBITS CONIDIAL GERMINATION AND MYCELIAL GROWTH OF ASPERGILLUS NIGER THROUGH INTRACELLULAR ACIDIFICATION
Jose Ramon de Lucas	Vp-5	FUNCTIONAL ANALYSIS OF MUTATIONS IN THE HUMAN CARNITINE/ACYLCARNITINE CARRIER IN <i>Aspergillus nidulans</i>
Claudia Maerker	Vp-6	ISOLATION OF ACONITASE ACOA INVOLVED IN PROPIONATE METABOLISM IN ASPERGILLUS NIDULANS
Yuan Xiaolian	Vp-7	IDENTIFICATION AND TRANSCRIPTIONAL REGULATION OF NEW ENZYMES IN THE ASPERGILLUS NIGER GENOME ACTING ON PLANT STORAGE POLYSACCHARIDES STARCH AND INULIN
Richard B. Todd	Vp-8 T	THE ROLE OF THE CrmA EXPORTIN IN NUCLEAR EXPORT OF THE TRANSCRIPTIONAL ACTIVATOR AreA IN ASPERGILLUS NIDULANS.
Anna Karolina Olszewska	Vp-9	A Gene Sux(pro) involved in Regulation of Arginine and Proline Metabolism in <i>Aspergillus Nidulans</i> , contains RNA Recognition Motifs
Hortencia Silva-Jimenez	Vp-10	INTRACELLULAR LOCATION OF ENZYMES INVOLVED IN ALIPHATIC HYDROCARBON BIODEGRADATION PATHWAY
Erzsébet Fekete	Vp-11	A REDUCTIVE PATHWAY OF D-GALACTOSE CATABOLISM IN ASPERGILLUS NIDULANS
Tiina Nakari-Setälä	Vp-12	GENETIC MODIFICATION OF CARBON CATABOLITE REPRESSION IN THE FILAMENTOUS FUNGUS TRICHODERMA REESEI FOR IMPROVED PROTEIN PRODUCTION
Manuela Pail	Vp-13	L-ARABINITOL DEHYDROGENASES OF HYPOCREA JECORINA AND ASPERGILLUS NIDULANS
Josep Forment	Vp-14	FUNCTIONAL GENOMICS OF SUGAR UPTAKE BY ASPERGILLUS NIDULANS.
Katsuya Gomi	Vp-15	UPREGULATION OF PDR-TYPE ABC TRANSPORTER GENES CORRELATES WITH THE AZOLE RESISTANCE IN ASPERGILLUS ORYZAE
Michael J. Hynes	Vp-16	Control of Gluconeogenesis in <i>Aspergillus nidulans</i>
Martin Eisendle	Vp-17	BIOSYNTHESIS AND UPTAKE OF SIDEROPHORES IS CONTROLLED BY THE PACC-MEDIATED AMBIENT PH REGULATORY SYSTEM IN ASPERGILLUS NIDULANS
Markus Schrettl	Vp-18	SIDEROPHORE BIOSYNTHESIS IS NEGATIVELY REGULATED BY THE GATA-FACTOR AF-SREA IN ASPERGILLUS FUMIGATUS
Robert Pachlinger	Vp-19	THE ACTIVITY OF NIRA, A NITRATE-SPECIFIC TRANSCRIPTION FACTOR IN ASPERGILLUS, IS REGULATED ON THE LEVEL OF NUCLEAR LOCALIZATION AND BINDING SITE ACCESSIBILITY.



Heiko Dirk Eichhorn	Vp-20	Functional genomics in <i>Ustilago Maydis</i> : Identification of an iron uptake Gene Cluster with a high Affinity Iron Permease affecting pathogenic Development
F. Gutiérrez Corona	Vp-21	MOLECULAR AND BIOCHEMICAL CHARACTERIZATION OF THE NAD-DEPENDENT ADH FROM THE ZYGOMYCETE <i>Mucor circinelloides</i>
Verena Seidl	Vp-22	OSMOTIC STRESS AND GLYCEROL BIOSYNTHESIS IN THE MYCOPARASITIC FUNGUS <i>TRICHODERMA ATROVIRIDE</i>

Workshop VI
Fungal Cell Biology
Chair: Nick Read

Nick D. Read	VIo-1	ANALYSING THE CELL BIOLOGY OF LIVING FUNGAL CELLS
Jun-ichi Maruyama	VIo-2	THREE DIMENSIONAL IMAGE ANALYSIS OF PLUGGING OF THE SEPTAL PORE BY WORONIN BODY IN <i>A. ORYZAE</i> DURING HYPHAL LYSIS INDUCED BY HYPOTONIC SHOCK
Gerald Hofmann	VIo-3	CELL WALL METABOLISM OF <i>ASPERGILLUS NIDULANS</i>
Gero Steinberg	VIo-4	CHITIN SYNTHASES ARE A PUTATIVE CARGO OF MYO5, A CLASS V MYOSIN IN <i>USTILAGO MAYDIS</i>
Hanspeter Helfer	VIo-5	IN SEARCH OF A LINK BETWEEN MORPHOGENESIS AND NUCLEAR DIVISION IN THE FILAMENTOUS FUNGUS <i>ASHBYA GOSSYPII</i>
Steve Osmani	VIo-6	A NEW MODEL OF FUNGAL MITOTIC REGULATIONS
Levente Karaffa	VIp-1	REGULATION OF FORMATION OF THE INTRACELLULAR BETA-GALACTOSIDASE ACTIVITY IN <i>ASPERGILLUS NIDULANS</i>
Stefanie Pöggeler	VIp-2	A WD40-Repeat Protein regulates Cell Differentiation in <i>Sordia Macrospora</i> and can Functionally be substituted by a mammalian Homologue
Isabel Manns	VIp-3	THE ROLE OF THE ACTIN AND MICROTUBULE CYTOSKELETON IN POLAR GROWTH OF <i>USTILAGO MAYDIS</i>
Javier Fernandez-Martinez	VIp-4	OVERLAP OF NUCLEAR LOCALISATION SIGNAL AND SPECIFIC DNA BINDING RESIDUES WITHIN THE ZINC FINGER DOMAIN OF PACC.
Darlene Loprete	VIp-5	A NOVEL GENE THAT RESCUES A CELL-WALL MUTANT IN <i>ASPERGILLUS NIDULANS</i>
Sonja Klemsdal	VIp-6	A NEW GENE CHARACTERIZED FROM <i>TRICHODERMA ATROVIRIDE</i> THAT ENCODES AN ENDOCHITINASE WITH ANTI FUNGAL PROPERTIES
Vera Meyer	VIp-7	LOCALIZATION OF THE ANTIFUNGAL PROTEIN (AFP) OF <i>ASPERGILLUS GIGANTEUS</i> IN SENSITIVE FUNGI BY ELECTRON MICROSCOPY

Silke Hagen	VIp-8	MODE OF ACTION OF THE ANTIFUNGAL PROTEIN (AFP) OF ASPERGILLUS GIGANTEUS AND ITS APPLICATION IN PREVENTING FUNGAL INFECTIONS ON TOMATO PLANTS
Philippe Simoneau	VIp-9	MOLECULAR CHARACTERIZATION OF ALTERNARIA BRASSICICOLA FIELD ISOLATES HIGHLY RESISTANT TO DICARBOXIMIDES AND PHENYLPYRROLES
Amy Gladfelter	VIp-10	REGULATION OF ASYNCHRONOUS MITOSES IN MULTINUCLEATED CELLS
Javier Fernandez-Martinez	VIp-11	CHARACTERISATION OF KAPA, THE UNIQUE NUCLEAR PROTEIN CARRIER IMPORTIN α IN ASPERGILLUS NIDULANS.
Francisco E. Nicolás	VIp-12	DISSECTION OF THE RNA SILENCING MECHANISM IN <i>Mucor circinelloides</i> : siRNAs, AMPLIFICATION AND TRANSITIVE SILENCING
Christoph Oberparleiter	VIp-13	UPTAKE OF THE PENICILLIUM CHRYSOGENUM ANTIFUNGAL PROTEIN PAF IN SENSITIVE ASPERGILLI
Ziyu Dai	VIp-14	IDENTIFICATION AND MOLECULAR CHARACTERIZATION OF POLYUBIQUITIN GENES FROM ASPERGILLUS NIGER
Kenneth G.A. van Driel	VIp-15	ENRICHMENT OF ISOLATED SEPTAL PORE CAPS OF THE PLANT PATHOGEN RHIZOCTONIA SOLANI
Rena Gorovits	VIp-16	SUPPRESSION OF NEUROSPORA CRASSA COT-1 MORPHOLOGY BY ENVIRONMENTAL STRESSES AND FARNESOL - A QUORUM-SENSING SIGNAL MOLECULE
Michael Feldbrügge	VIp-17	A RNA-BINDING PROTEIN FROM USTILAGO MAYDIS THAT MOVES IN PARTICLES ALONG MICROTUBULES IS INVOLVED IN FILAMENTATION
Catarina Cristani	VIp-18	INTRASPECIFIC MOLECULAR DIVERSITY OF GLOMUS MOSSEAE ISOLATES FROM DIFFERENT GEOGRAPHIC ORIGIN
Amy Gladfelter	VIp-19	MAINTENANCE OF ASYNCHRONOUS MITOSIS IN MULTINUCLEATED A. GOSSYPHII CELLS
Katja Neuberger	VIp-20	FUNGAL SPORES IN SPACE SIMULATION EXPERIMENTS
Arman Vinck	VIp-21	LOCALIZATION OF GLUCOAMYLASE EXPRESSION IN ASPERGILLUS NIGER
Cristiana Sbrana	VIp-22	INTRA-ISOLATE DIVERSITY IN GLOMUS MOSSEAE, DETECTED BY VEGETATIVE COMPATIBILITY TESTS AND MOLECULAR ANALYSES.
Isabella Weber	VIp-23	CHITIN SYNTHASES ARE A PUTATIVE CARGO OF MYO5, A CLASS V MYOSIN IN USTILAGO MAYDIS
Piyawan Siriputthaiwan	VIp-24	FUNCTIONAL ANALYSIS OF CLPT1P, A RAB/GTPASE FROM THE BEAN PATHOGEN COLLETOTRICHUM LINDEMUTHIANUM



Nick D Read	VIp-25	CONIDIAL ANASTOMOSIS IN NEUROSPORA CRASSA
Masayuki Ichnomiya	VIp-26	CLASS I AND II CHITIN SYNTHASE GENES, CHSC AND CHSA, OF ASPERGILLUS NIDULANS ARE REQUIRED FOR NORMAL SEPTUM FORMATION AND TRANSCRIPTIONAL INDUCTION OF DEVELOPMENTAL REGULATOR GENES BRLA AND ABAA.
Kamila Wojnowska	VIp-27 A.	GOSSYPHII HOMOLOGUES OF S. CEREVISIAE BUD GENES INFLUENCE BRANCHING PATTERN AND POSSIBLY SEPTUM BIOGENESIS
Praveen Rao Juvvadi	VIp-28	NEWER INSIGHTS INTO HEXA, THE MAJOR PROTEIN OF WORONIN BODY IN ASPERGILLUS ORYZAE
Jun-ya Shoji	VIp-29	ISOLATION AND FUNCTIONAL ANALYSIS OF AOVAM3, A PUTATIVE HOMOLOGUE OF YEAST VAM3 AND PEP12 IN FILAMENTOUS FUNGI, ASPERGILLUS ORYZAE
Kerry Burton	VIp-30	NATURAL ANTISENSE TRANSCRIPTS (NATS) IN AGARICUS BISPORUS, CHARACTERISTICS AND QUANTIFICATION OF EXPRESSION
Lisbeth Mikkelsen	VIp-31	EXPRESSION OF THE RED FLUORESCENT PROTEIN DSRED-EXPRESS IN FILAMENTOUS ASCOMYCETE FUNGI
Alex Andrianopoulos	VIp-32	GENETIC INTERACTIONS BETWEEN RAS AND RHO-TYPE GTPASES COORDINATELY CONTROL CELL POLARITY IN PENICILLIUM MARNEFFEI
Hans-Peter Schmitz	VIp-33	The AgBNI1 Formin Homology Protein is essential for hyphal formation in <i>Ashbya gossypii</i>

Workshop VII

Secondary Metabolism

Chair: Christian Hertweck

Christian Hertweck	VIIo-1	THE MOLECULAR BASIS FOR POLYKETIDE BIOSYNTHESIS IN FILAMENTOUS FUNGI
Scott E. Baker	VIIo-2	A SECOND POLYKETIDE SYNTHASE (PKS) INVOLVED IN COCHLIOBOLUS HETEROSTROPHUS T-TOXIN PRODUCTION
Alan Dobson	VIIo-3	MOLECULAR ANALYSIS OF OCHRATOXIN A BIOSYNTHESIS IN ASPERGILLUS OCHRACEUS.
Sabine Teichert	VIIo-4	REGULATION OF GIBBERELLIN BIOSYNTHESIS – CATCHING THE COMPONENTS OF A REGULATORY NETWORK
Alfonso Prado-Cabrero	VIIo-5	A MUTATION OF THE PHYTOENE DEHYDROGENASE GENE OF FUSARIUM FUJIKUROI LEADING TO THE ACCUMULATION OF GAMMA AND BETA-CAROTENE
Thomas Ostenfeld Larsen	VIIo-6	FROM FUNGAL BIODIVERSITY TO NOVEL NATURAL PRODUCTS USING INTELLIGENT SCREENING METHODS BASED ON MASS AND UV SPECTROMETRIC METHODS

Enrique A. Iturriaga	VIIp-1	ISOLATION AND CHARACTERISATION OF THREE MUCOR CIRCINELLOIDES GENES FOR ISOPRENOID BIOSYNTHESIS
Birgit Hoff	VIIp-2	TRANSCRIPTION FACTOR CPCR1 REGULATES CEPHALOSPORIN C BIOSYNTHESIS IN ACREMONIUM CHRYSOGENUM
I. Vaca	VIIp-3	CHARACTERIZATION OF PIPECOLIC ACID METABOLISM IN <i>Penicilium chrysogenum</i> . DISRUPTION OF THE <i>lys7</i> GENE LEADS TO ACCUMULATION OF THE SECONDARY METABOLITE PRE CURSORS PIPERIDEINE-6-CARBOXYLIC ACID AND PIPECOLIC ACID
Susan Elrod	VIIp-4	APPLICATION OF T-RFLP ANALYSIS TO FUNGAL CELLULASE GENES IN SOIL COMMUNITIES.
James Sims	VIIp-5	EQUISETIN BIOSYNTHESIS FROM FUSARIUM HETEROSPO RUM
Arturo Perez Eslava	VIIp-6	A PROTEIN COMPLEX BINDS TO SPECIFIC SEQUENCES IN THE PROMOTER REGION OF THE <i>Phycomyces blakesleeanus</i> <i>carRA</i> AND <i>carB</i> GENES ONLY IN DARK CONDITIONS.
Nancy Alexander	VIIp-7	HETEROLOGOUS EXPRESSION OF THE FUSARIUM GRAMINEARUM <i>TRI4</i> GENE IN <i>F. VERTICILLIOIDES</i> PROVIDES EVIDENCE FOR A MULTIFUNCTIONAL OYGENASE IN TRICHOHECENE BIOSYNTHESIS
Jan A.L. van Kan	VIIp-8	A MYSTERIOUS, PLEIOTROPIC GROWTH DEFECT CAUSED BY DELETION OF A GLYOXAL OXIDASE GENE IN BOTRYTIS CINEREA
Bettina Tudzynski	VIIp-9	THE GIBBERELLA FUJIKUROI GLUTAMINE SYNTHETASE PLAYS AN IMPORTANT ROLE IN NITROGEN METABOLITE REPRESSION
Bettina Tudzynski	VIIp-10	IDENTIFICATION AND RESTORATION OF TWO MAJOR ENZY MATIC BLOCKS IN GIBBERELIC ACID BIOSYNTHESIS IN FUSARIUM PROLIFERATUM (GIBERELLA FUJIKUROI MP-D)
Thomas Haarmann	VIIp-11	MOLECULAR GENETICS OF THE ALKALOID PATHWAY IN CLAVICEPS PURPUREA
Alan Dobson	VIIp-12	CLONING OF CYTOCHROME P450 MONOOXYGENASE GENES INVOLVED IN PATULIN BIOSYNTHESIS IN PENICILLIUM EXPANSUM.
Franziska Lessing	VIIp-13	PATHWAY-SPECIFIC REGULATION OF GIBBERELLIN BIOSYN THESIS IN GIBBERELLA FUJIKUROI—A NEW TYPE OF ZINC-FINGER TRANSCRIPTION FACTORS
Sebastian Pilsyk	VIIp-14	Genetic and molecular aspects of sulfate transport in <i>Aspergillus nidulans</i>
Marlis Eisenkolb	VIIp-15	GENE-TARGETING IN ACREMONIUM CHRYSOGENUM



Ljerka Lah	VIIp-16	PUTATIVE NADPH - CYTOCHROME P450 REDUCATSE GENES OF THE FILAMENTOUS FUNGUS COCHLIOBOLUS LUNATUS
D. Keszenman-Pereyra	VIIp-17	FILAMENTOUS FUNGAL PHOSPHOPANTETHEINYL TRANSFERASES INVOLVED IN PRIMARY AND SECONDARY METABOLISM
Brendon Monahan	VIIp-18	THE PENICILLIUM PAXILLI GENE CLUSTER AND BIOSYNTHETIC PATHWAY FOR THE PRODUCTION OF THE INDOLE-DITERPENE PAXILLINE.
Kate Howell	VIIp-19	A GENETIC STUDY TO CHARACTERISE THE RELEASE OF VOLATILE THIOLS BY SACCHAROMYCES CEREVISIAE DURING WINE FERMENTATION
Kazuo Shishido	VIIp-20	CATALYTIC REACTION OF BASIDIOMYCETE LENTINULA EDODES CYTOCHROME P450 ENZYME PRODUCED IN YEAST
Sandra Hewald	VIIp-21	MOLECULAR ANALYSIS OF GLYCOLIPID PRODUCTION IN USTILAGO MAYDIS
Torsten Bak Regueira	VIIp-22	DISCOVERY OF NOVEL POLYKETIDE SYNTHASES IN FILAMENTOUS FUNGI
Zoe E. Johnson	VIIp-23	INVESTIGATING NON-RBOSOMAL PEPTIDE SYNTHETASE GENES AND THEIR FUNCTION IN THE WHEAT PATHOGEN MYCOSPHAERELLA GRAMINICOLA
Guisepina Mulè	VIIp-24	REAL-TIME PCR FOR MONITORING ASPERGILLUS CARBONARIUS COLONIZATION IN SAMPLE OF GRAPE IN EUROPE
Jiujiang Yu	VIIp-25	GENETIC AND BIOCHEMICAL STUDIES ON THE MECHANISMS OF AFLATOXIN BIOSYNTHESIS
Emilie Combet	VIIp-26	CHARACTERISING OXYLIPINS SYNTHESIS AND FLAVOUR BIOGENESIS IN MUSHROOMS.
Thorsten Heinekamp	VIIp-27	GENETIC ENGINEERING OF THE ZYGOMYCETE BLAKESLEA TRISPORA FOR IMPROVED CAROTENOID BIOSYNTHESIS – TRANSFORMATION USING AGROBACTERIUM TUMEFACIENS
Verena Siewers	VIIp-28	ABSCISIC ACID BIOSYNTHESIS IN BOTRYTIS CINEREA
Cristina Cepeda Garcia	VIIp-29	GLUCOSE REGULATION AT THE <i>pacC1-creA1-pacC2</i> SITE OF THE PENICILLIUM CHRYSOGENUM <i>pcbAB</i> PROMOTER IS INFLUENCED BY ALKALINE pH. INITIAL EVIDENCE FOR INTERACTING GLUCOSE AND pH CONTROL IN PENICILLIN BIOSYNTHESIS.
In Hyung Lee	VIIp-30	GENETIC TRANSFORMATION OF MONASCUS RUBER KCTC6122
Mónica Lamas-Maceiras	VIIp-31	CONSTRUCTION OF α -aminoadipyl-cysteinylyl-valine (ACV) HYBRID SYNTHETASES

Tianhong Wang	VIIp-32	Antisense Inhibition of Xylitol Dehydrogenase Gene, XDH1, from <i>Trichoderma Reesei</i>
Shukun Yu	VIIp-33	Fungal secondary metabolites from the Anhydro-fructose Pathway operative under stress conditions show antioxidant and antimicrobial activities
Alfonso Prado	VIIp-34	REGULATION OF THE CAROTENOID GENE CLUSTER OF <i>FUSARIUM FUJIKUROI</i>

Workshop VIII
Fungal Cell Factories
Chair: Cees van den Hondel

Cees van den Hondel	VIIIo-1	Improvements in filamentous fungal cell factories in the area of genomics
Karin Lanthaler	VIIIo-2	GENOMIC APPROACHES TO THE RELATIONSHIP BETWEEN HYPHAL DEVELOPMENT AND PROTEIN SECRETION IN THE <i>ASPERGILLI-GAPSA</i>
Ana Levin	VIIIo-3	DIFFERENTIAL PROTEIN SECRETION IN <i>ASPERGILLUS NIGER</i>
Juan Martín	VIIIo-4	ISOPENICILLIN N EPIMERASE SYSTEM IN <i>Acremonium chryso</i> genus: THE DISCOVERY OF THE MISSING PIECE OF THE PUZZLE.
Dirk Müller	VIIIo-5	APPLICATION OF RIBOZYME TECHNOLOGY IN <i>ASPERGILLUS GIGANTEUS</i> IN ORDER TO INFLUENCE GENE EXPRESSION
Mike Challen	VIIIo-6	MUSHROOM MOLECULAR PHARMING
Clemens Peterbauer	VIIIp-1	CLONING AND HETEROLOGOUS EXPRESSION OF A GENE ENCODING PYRANOSE OXIDASE FROM THE WHITE-ROT FUNGUS <i>TRAMETES MULTICOLOR</i>
Ingeborg Stals	VIIIp-2	FACTORS INFLUENCING GLYCOSYLATION OF <i>TRICHODERMA REESEI</i> CELLULASES
Peter J. Punt	VIIIp-3	Purification and Characterisation of two Forms of Cellobiohydrolase I (cel 7A) from <i>Chrysosporium Lucknowense</i>
Michel Flippi	VIIIp-4	A SECOND REGULATORY SYSTEM IN <i>ASPERGILLUS NIDULANS</i> RESPONSIVE TO ALCOHOLS, KETONES AND ESTERS OPERATES INDEPENDENTLY FROM AlcR, THE ACTIVATOR OF ETHANOL CATABOLISM.
Karin Lanthaler	VIIIp-5	EVOLUTION OF RECOMBINANT (t-PA) <i>TRICHODERMA REESEI</i> IN CHEMOSTATS SELECTS MUTANTS DOWN-REGULATED IN CELLULASE PRODUCTION
Joanna S. Kruszevska	VIIIp-6	HETEROLOGOUS EXPRESSION OF <i>T.REESEI</i> SECRETORY PROTEIN IN <i>S.CEREVISIAE</i> PMT MUTANTS.
Takashi Yamazaki	VIIIp-7	AN EFFICIENT DEGRADATION OF POLYCHLORINATED AROMATIC HYDROCARBONS BY USING MOLECULAR-GENETICALLY BRED <i>CORIOLUS HIRSUTUS</i> STRAINS WITH HIGH LIGNIN PEROXIDASE ACTIVITY



Markku Saloheimo	VIIIp-8	TRANSCRIPTIONAL RESPONSES TO SECRETION STRESS IN THE FUNGI TRICHODERMA REESEI AND S. CEREVISIAE REVEAL ESSENTIAL DIFFERENCES AND COMMON FEATURES
Kirk Schnoor	VIIIp-9	PLECTASIN: IDENTIFICATION AND RECOMBINANT PRODUCTION OF THE FIRST DEFENSIN FOUND IN FUNGI.
Maria Jesus Martinez	VIIIp-10	CLONING AND CHARACTERIZATION OF A NEW LACCASE FROM THE WHITE-ROT FUNGUS <i>Pleurotus eryngii</i>
Markku Saloheimo	VIIIp-11	HETEROLOGOUS EXPRESSION OF A LACCASE GENE FROM THE ASCOMYCETE MELANOCARPUS ALBOMYCES IN TWO FUNGAL HOSTS
Markku Saloheimo	VIIIp-12	PROTEIN PRODUCTION AND UNFOLDED PROTEIN RESPONSE IN FERMENTATIONS OF TRICHODERMA REESEI AND ITS TRANSFORMANT EXPRESSING ENDOGLUCANASE I WITH A HYDROPHOBIC TAG
Masafumi Tokuoka	VIIIp-13	CODON OPTIMIZATION IMPROVES EXPRESSION OF RECOMBINANT MITE ALLERGEN, DER F7, IN <i>ASPERGILLUS ORYZAE</i>
Helga David	VIIIp-14	Investigation of network topology and quantification of fluxes in central carbon metabolism of <i>Aspergillus nidulans</i> under different conditions of glucose repression
Octavio Loera	VIIIp-15	IDENTIFICATION OF A THERMOTOLERANT FUNGAL STRAIN AND INDUCING PATTERN OF ITS LACCASES
José Arnau	VIIIp-16	A NOVEL EXPRESSION SYSTEM FOR RECOMBINANT PROTEIN PRODUCTION IN <i>MUCOR CIRCINELLOIDES</i>
Lisbeth Mikkelsen	VIIIp-17	A method for creating transgenic fungal strains that lacks antibiotic genes for potential future commercial use.
Ramiro Pedro Godio	VIIIp-18	TRANSFORMATION OF THE CLAVARIC ACID PRODUCER BASIDIOMYCETE <i>HYPHOLOMA SUBLATERITIUM</i> BASED IN THE T-DNA TRANSFER AND INTEGRATION
David Archer	VIIIp-19	Endoplasmic Reticulum Stress leads to the selective Transcriptional Down-regulation of the Glucoamylase Gene in <i>Aspergillus Niger</i>
Charlotte van der Does	VIIIp-20	Investigating the function of Six1, a small cysteine-rich protein secreted by <i>Fusarium oxysporum</i> f.sp. <i>lycopersici</i> during infection of tomato
Hans van den Brink	VIIIp-21	Glycosylation as a tool for improved protein production in <i>Aspergillus niger</i>
Astrid Stricker	VIIIp-22	INFLUENCE OF ACE2 ON THE EXPRESSION OF THE XYLANOLYTIC ACTIVITY OF TRICHODERMA REESEI ON DIFFERENT CARBON SOURCES.
Lydia Kaiserer	VIIIp-23	EXPRESSION OF RECOMBINANT PAF (PENICILLIUM ANTIFUNGAL PROTEIN) IN <i>PENICILLIUM CHRYSOGENUM</i>

Carmen Limon	VIIIp-24	INCREASED ANTIFUNGAL AND CHITINASE SPECIFIC ACTIVITIES OF <i>Trichoderma harzianum</i> CECT 2413 BY ADDITION OF A CELLULOSE BINDING DOMAIN.
Tianhong Wang	VIIIp-25	The Construction and Expression of the EGIII Expression Cassette in Filamentous Fungus <i>Trichoderma Reesei</i>
Debbie S. Yaver	VIIIp-26	Analysis of the <i>Fusarium venenatum</i> Glucoamylase Promoter by Deletion, Insertion, and Substitution Analyses
A. De las Heras	VIIIp-27	EXPRESSION AND CHARACTERISATION OF THE EXOPOLYGALACTURONASE PGX1 CODING GENE OF <i>Fusarium oxysporum</i> f. sp. <i>radicis lycopersici</i> IN <i>Pichia pastoris</i>
Margreet Heerikhuisen	VIIIp-28	<i>Aspergillus Sojiae</i> , a new System for efficient Protein Production
Dan Funck Jensen	VIIIp-29	FLUORESCENT MARKER TRANSFORMATION OF <i>TRICHODERMA VIRENS</i> I10 DOES NOT ALTER MYCOPARASITIC ACTIVITY AGAINST <i>SCLEROTIUM ROLFSSII</i> , <i>SCLEROTINIA SCLEROTIORUM</i> AND <i>SCLEROTINIA MINOR</i> .
Helena Nevalainen	VIIIp-30	TRANSCRIPTIONAL AND PROTEOMIC CHANGES IN <i>TRICHODERMA REESEI</i> EXPRESSING A HETEROLOGOUS BACTERIAL XYNB GENE FROM THE THERMOPHILE <i>DICTYOGLOMUS THERMOPHILUM</i>
Marta Lombrana Tascón	VIIIp-31	EFFECT OF <i>bipA</i> GENE ATTENUATION ON HOMOLOGOUS AND HETEROLOGOUS PROTEIN SECRETION IN <i>Aspergillus awamori</i> .
Elisabeth Bodie	VIIIp-32	USING INSERTIONAL MUTAGENESIS TO IMPROVE THE PRODUCTION OF CELLULOLYTIC ENZYMES IN <i>TRICHODERMA REESEI</i>
Paulien Neeffe	VIIIp-33	Thermal Stability of CBH from Glycosyl Hydrolase Cel7 Family Members and Variants
Kiyoshi Ito	VIIIp-34	GPI-Anchored Cell Surface Protein of <i>Aspergillus Kawachii</i>
V.S. Junior Te'o	VIIIp-35	EXPRESSION AND SECRETION OF MULTIPLE FORMS OF THE <i>DICTYOGLOMUS THERMOPHILUM</i> XYLANASE B (XYNB) IN DIFFERENT <i>TRICHODERMA REESEI</i> STRAINS
Carmen Limon	VIIIp-36	STUDY OF THE <i>pgi</i> DELETION IN <i>Trichoderma reesei</i> .
Helena Nevalainen	VIIIp-37	DEVELOPMENT OF OPHIOSTOMA AS A NOVEL FUNGAL EXPRESSION HOST
Ben Bower	VIIIp-38	HETEROLOGOUS EXPRESSION OF CELLULASES IN <i>TRICHODERMA REESEI</i>

**Workshop IX
Fungal Genomics
Chair: Peter Philippsen**

Peter Philippsen	IXo-1	SYNTENY PATTERNS: A MESSAGE FROM THE PAST FOR TODAY'S INTERPRETATION OF FUNGAL GENOMES.
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Heenam Kim	IXo-2	FUNCTIONAL GENOMIC STUDIES OF ASPERGILLUS FUMIGATUS PATHOGENESIS USING DNA MICROARRAYS
Markku Saloheimo	IXo-3	PROTEOME ANALYSIS IN TRICHODERMA REESEI
Martha L. Medina	IXo-4	A PROTEOMIC COMPARISON OF DIFFERENTIALLY EXPRESSED SECRETED PROTEINS OF ASPERGILLUS FLAVUS, USING TWO-DIMENSIONAL GEL ELECTROPHORESIS (2DE), MALDI-TOF MASS SPECTROMETRY AND TANDEM MASS SPECTROMETRY
Lene Lange	IXo-5	Discovery of secreted proteins and peptides during fungal-plant interactions
Masayuki Machida	IXo-6	GENOME SEQUENCING OF ASPERGILLUS ORYZAE
H. Corby Kistler	IXo-7	THE WHOLE GENOME SEQUECE OF THE WHEAT AND BARLEY PATHOGEN, FUSARIUM GRAMINEARUM
Andrew Sims	IXp-1	Comparative and Functional Genomics in Aspergillus
Antonio Di Pietro	IXp-2	FUSARIUM OXYSPORUM AS A MULTIHOST MODEL FOR DISSECTION OF FUNGAL VIRULENCE IN PLANTS AND MAMMALS
Michael Lyng Nielsen	IXp-3	EFFICIENT GENE TARGETING IN FILAMENTOUS FUNGI
Antonio Moretti	IXp-4	MITOCHONDRIAL DNA VARIABILITY IN GIBBERELLA INTERMEDIA (FUSARIUM PROLIFERATUM)
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