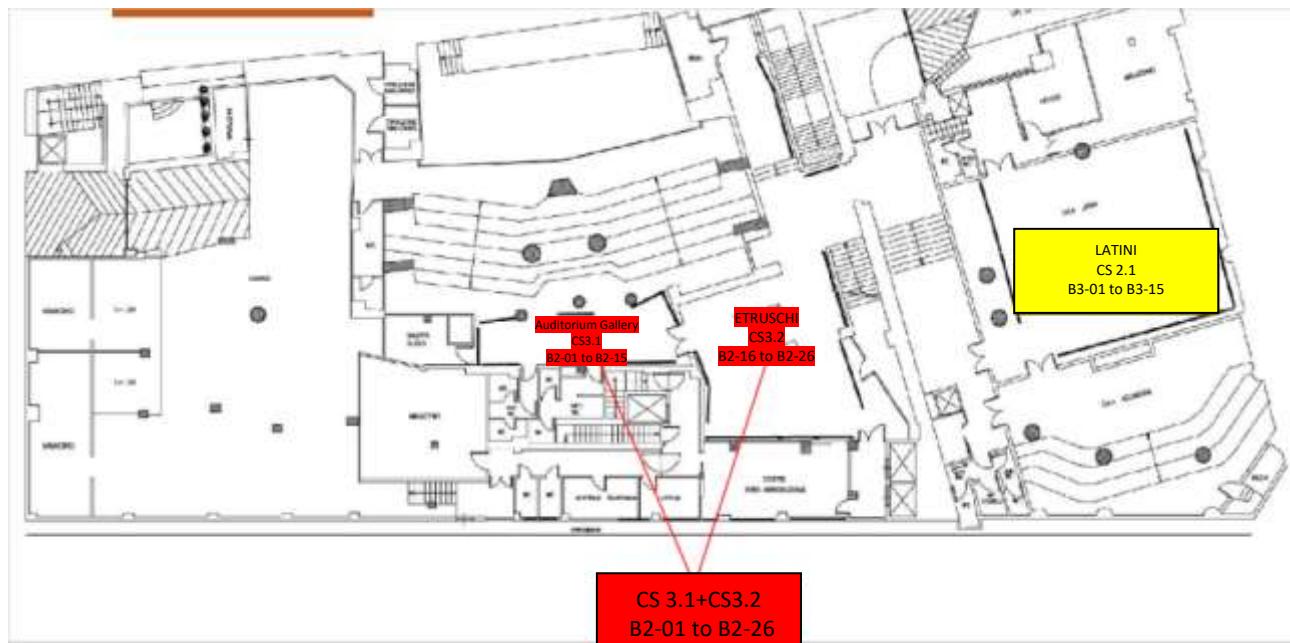


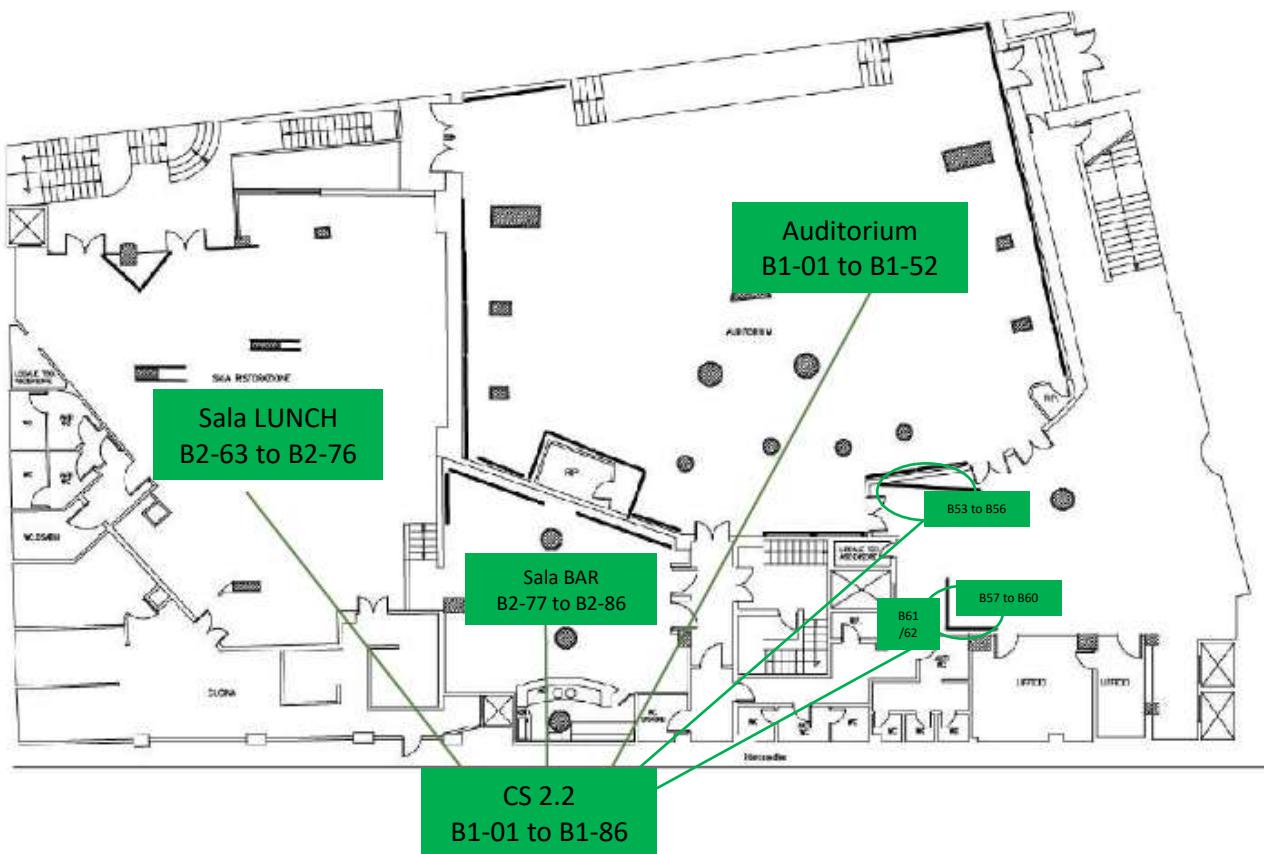
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WEDNESDAY, FEBRUARY 19TH

Ground Floor



Floor (-1)





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WEDNESDAY, FEBRUARY 19th

Room: LATINI

Concurrent Session 2.1 Animal-fungi interactions

P. Code	Name	Surname	Title
B3-01	Ulrich	Terpitz	Expansion of fungi enables high resolution in fluorescence microscopy
B3-02	Denisa	Višňovská	Mycobiota of insect herbivores and their host plants: the role of spatial, temporal and ecological variability
B3-03	Gábor	Nagy	Construction of a mutant library to examine the pathogenicity of <i>Mucor circinelloides</i> using CRISPR/Cas9 system
B3-04	Jaemin	Seong	Comparative genomics of endoparasitic fungi, <i>Esteyella vermicola</i>
B3-05	Karel	Švec	The effect of abiotic factors on growth of bark beetle fungal symbionts
B3-06	Tereza	Veselská	Study of the roles of microbial symbionts in the bark beetle holobiont
B3-07	Nicole	Hensel	Analysis of putative virulence factors in the nematode trapping fungus <i>Duddingtonia flagrans</i>
B3-08	Henrik	De Fine Licht	Comparative RNAseq analyses of the entomopathogenic fungus <i>Metarhizium anisopliae</i> reveal specific signatures of filamentous and yeast-like development
B3-09	Ingo	Bauer	The lysine deacetylase RpdA is essential for virulence in <i>Aspergillus fumigatus</i>
B3-10	Ana	Lozano-Soria	New prospects for banana weevil (<i>Cosmopolites sordidus</i>) biomanagement using volatile organic compounds from entomopathogenic and nematophagous fungi
B3-11	Nada	Kraševc	Functional studies of nigerolysins in <i>Aspergillus niger</i>
B3-12	Csilla	Szebenyi	Investigate the relevance of cotH genes in the pathogenicity and other biological mechanisms of <i>Mucor circinelloides</i>
B3-13	Nathan	Wiyatt	Validation of the <i>P. teres</i> f. <i>teres</i> effectors VR1 and VR2 conferring virulence on Rika barley identified in the bi-parental mapping population 15A × 6A
B3-14	Patrick	Van Dijck	<i>Staphylococcus aureus</i> in an oral dual-infection model
B3-15	Nemat Oliver	Keyhani	High efficiency transformation and construction of tools for genetic manipulation of the laurel wilt pathogen, <i>Raffaelea lauricola</i>

Concurrent Session 2.2 Plant fungi interactions

P. Code	Name	Surname	Title
B1-01	Paulo	Canessa	Defects in iron acquisition result in hypervirulence in <i>Botrytis cinerea</i>
B1-02	Lidia	Błaszczyk	Proteomic and metabolomic approach to understand the molecular interaction between wheat plants and <i>Trichoderma spp.</i>
B1-03	Aneta	Basińska-Barczak	Impact of <i>Trichoderma</i> fungi on wheat (<i>Triticum aestivum</i> L.) seedlings <i>in vitro</i> culture
B1-04	Katarzyna	Mikołajczak	Determination of the interaction type between fungi isolated from the wheat endosphere
B1-05	Mariana	Robledo	Computational and functional analyses of three paralogous effectors proteins in <i>Colletotrichum graminicola</i> : the causal agents of maize anthracnose
B1-06	Edgar	Mangwende	Seed trade risks forest biosecurity: An overview with a focus on <i>Colletotrichum fructicola</i> and <i>C. kahawae</i> associated with <i>Eucalyptus spp.</i>
B1-07	Lars	Voll	Deficiencies in the mitochondrial electron transport chain affect redox poise and resistance towards <i>Colletotrichum higginsianum</i>
B1-08	Pravin	Khambalkar	SIX6: A route to plant cell death
B1-09	Kar-Chun	Tan	The necrotrophic effector SnTox1 of <i>Parastagonospora nodorum</i> harbours a promoter variant associated with gene repression
B1-10	Kar-Chun	Tan	A specific fungal transcription factor controls effector gene expression and orchestrates the establishment of the necrotrophic pathogen lifestyle
B1-11	Mark	Derbyshire	Uncovering the complex roles of fungal small RNAs in plant pathogenesis
B1-12	Christof	Rampitsch	LC-MS-based Peptidomics, Mass Spectrometry Imaging and Bioinformatics Approaches Used to Identify Peptides in the Wheat- <i>Puccinia triticina</i> Interaction
B1-13	Fumi	Fukada	The functional analysis of a late effector in <i>Ustilago maydis</i>
B1-14	Gunamalai	Lavanya	Unravelling the molecular basis for chilling tolerance of the gray mold phytopathogenic fungus <i>Botrytis cinerea</i>
B1-15	Yanina	Rizzi Soledad	Role of chitosan and chitin deacetylases during development of <i>Ustilago maydis</i>
B1-16	Fantin	Mesny	Functional characterization of root-associated fungi in <i>Arabidopsis thaliana</i>
B1-17	Chirlei	Glienke	Genomic perspectives on the evolution of the mating-type locus in Phyllosticta, with emphasis on Citrus-associated species
B1-18	Chirlei	Glienke	β-GLUCOSIDASE ENZYME ASSOCIATED WITH PATHOGENICITY IN <i>Colletotrichum abscissum</i>
B1-19	Kevin	Fontaine	Diversity and pathogenicity of the <i>Alternaria</i> species complex involved in apple leaf blotch and fruit spots in France
B1-20	Thais Regina	Boufleur	Regulation of <i>Glycine max</i> and <i>Colletotrichum truncatum</i> gene expression during colonization
B1-21	Kim	Sieun	Development of a conditional gene expression system using a copper responsive promoter in the plant pathogenic fungus <i>Fusarium graminearum</i>
B1-22	Hee Ji	Moon	Identification and functional characterization of novel transcription factors involved in ion homeostasis in the plant pathogenic fungus <i>Fusarium graminearum</i>
B1-23	Krisztina	Kolláth-Leiß	Auxin production and impact in <i>Neurospora crassa</i>
B1-24	Christian	Koch	To have or not to have: A dispensable chromosome enables host colonization in the pathosystem <i>Colletotrichum higginsianum</i> – <i>Arabidopsis thaliana</i>
B1-25	Simona	Sanzani	Mycotoxins as host tissue colonization factors
B1-26	Houda	Boureghda	Identification of <i>Trichoderma</i> species isolated from Algerian soil and evaluation of their antagonist potential against some crops diseases' pathogens
B1-27	Eduardo	Goulin	The asymptomatic infection of sweet orange by <i>Alternaria alternata</i> citrus pathogen
B1-28	Soledad	Sacristan	The fungal endophyte PRB110 improves yield in corn, tomato and pepper crops
B1-29	Soledad	Sacristan	Comparative and functional genomics of <i>Plectosphaerella isolates</i> with different life styles
B1-30	Larissa	Heck	Fungal Attack: Chemical Communication and Protection Strategies based on the Secondary Metabolism associated with Tree Canker
B1-31	Harry	Child	Preparing for battle: characterisation of fungal cellular processes during early infection of wheat by <i>Zymoseptoria tritici</i>
B1-32	Gabriel	Lorençini Fiorin	A single <i>Verticillium dahliae</i> effector induces defoliation of cotton plants
B1-33	Jean-Guy	Berrin	A fungal family of lytic polysaccharide monooxygenase-like copper proteins
B1-34	Shigeyuki	Tanaka	The functionally conserved effector Sta1 is a fungal cell wall protein required for virulence in <i>Ustilago maydis</i> .

B1-35	Pedro	Talhinhas	Characterisation of the mycobiome of clonal olive trees cultivated in three distinct environments
B1-36	Reda	Amezrou	Genome-wide association studies identify novel candidate genes associated with aggressiveness in the wheat pathogen <i>Zymoseptoria tritici</i>
B1-37	Rebekka	Harting	A 20 kb region absent in a non-symptomatic isolate reduces virulence in a symptom-inducing isolate of <i>Verticillium longisporum</i>
B1-38	Vasiliki	Skiada	Nuclear calcium spiking as a junction for multiple microbial recognition at the root epidermis
B1-39	Giuseppe	Ianiri	Transcriptomic approach to unveil the interaction between biocontrol yeast and postharvest fungal pathogen on the host fruit: which one is hungrier?
B1-40	Carmit	Ziv	The effect of fruit sugar level of two near isogenic tomato lines, on the pathogenicity mechanism and host response during infection of red tomatoes
B1-41	Neha	Sahu	Comparative -omics analyses to understand Wood-Decay Strategies and Evolution of Pathogenicity in <i>Armillaria</i> spp.
B1-42	Sebastian	Klenner	Rapid and efficient transformation of the plant pathogen <i>Microbotryum</i> : A milestone to understand the evolution of host-specific parasitism
B1-43	Luisa	Liu-Xu	Isolating Fungal Endophytes to Improve Heat Resistance in <i>Solanum lycopersicum</i>
B1-44	Anna	Tiley	Investigating the role of the circadian clock in the wheat fungal pathogen, <i>Zymoseptoria tritici</i>
B1-45	Simone	Belmondo	Polyketide synthases in the ericoid endomycorrhizal fungus <i>Oidiodendron maius</i>
B1-46	Jonathan	Richards	An association genomics approach to identify candidate virulence genes in <i>Cercospora sojina</i>
B1-47	Nelson	Massola	Characterization of the candidate effectors repertoire of <i>Colletotrichum</i> spp . pathogenic to soybean
B1-48	Isabel	Vicente	Terpene synthases in <i>Trichoderma gamsii</i> T6085
B1-49	Maria	Aragona	<i>Pseudopyrenopeziza lycopersici</i> , agent of Corky Root Rot of tomato: a case history of a less studied soilborne pathogen
B1-50	Pamela	Gan	Genome rearrangements drive evolution of virulence-related genes in the genomes of <i>Colletotrichum gloeosporioides</i> species complex
B1-51	Kim	Chi-Yeo	A rice/ <i>Arabidopsis thaliana</i> glycosyl hydrolase gene displays ambivalent immunity with diverse types of phytopathogens
B1-52	Jeon	Jongbum	Diversified modulation of transcriptome complexity by alternative splicing during rice- <i>Magnaporthe oryzae</i> interactions
B1-53	Nishadi	De Silva	Ensembl Fungi: A growing reservoir of fungal interactions
B1-54	Sabine	Fillinger	Cloning of AvrStb9, a gene of <i>Zymoseptoria tritici</i> conferring avirulence on wheat cultivars carrying the Stb9 resistance gene
B1-55	Laura Gioia	Francesco Vinale	Valorization of by-products from oleaginous crops production using <i>Trichoderma</i> spp.
B1-56	Isabelle	Fudal	Avirulence proteins of <i>Leptosphaeria maculans</i> , involved in suppressive interactions, share a common structural pattern and are part of a larger family
B1-57	Laurence	Godiard	Towards the identification of virulence factors of the broad host range plant pathogen fungus, <i>Sclerotinia sclerotiorum</i>
B1-58	Muriel	Viaud	Could small interfering RNA be involved in host specialization in the grey mould fungus <i>Botrytis cinerea</i> ?
B1-59	Davide	Spadaro	Understanding the bakanae disease: looking for disease-related genes through the study of avirulent strains of <i>Fusarium fujikuroi</i>
B1-60	Chih-Li	Wang	A bZIP transcription factor of <i>Colletotrichum higginsianum</i> is associate with osmotic stress and appressorium formation
B1-61	Chih-Li	Wang	Vegetative compatibility groups and biocontrol of <i>Pyricularia oryzae</i> in Taiwan
B1-62	Cristina	Mingot Ureta	<i>M. acuminata</i> root colonization and growth promotion by <i>P. chlamydosporia</i>
B1-63	Marta	Suarez-Fernandez	Chitosan and <i>Pochonia chlamydosporia</i> both induce plant hormones and defences in tomato root exudates
B1-64	Maria Paula	Rueda-Mejia	Protease and chitinase activities as modes of antagonism of the yeasts <i>Aureobasidium pullulans</i> and <i>Candida subhashii</i> against <i>Fusarium oxysporum</i>
B1-65	Luis	Lopez-Llorca	Chitosan biosynthesis and degradation: a way to modulate plant defenses in endophytic biocontrol agents?
B1-66	Fred	Asiegbu	Analysis of the effectome of the conifer pathogen (<i>Heterobasidion parviporum</i>) and functional roles on interspecific fungal interactions
B1-67	Pieter Jaap	Wolters	Effectors from <i>Alternaria solani</i> and evidence for a resistance gene in wild potato
B1-68	Andreia	Loureiro	Expression profiling of candidate genes under positive selection among different pathotypes of the coffee obligate pathogen, <i>Hemileia vastatrix</i>
B1-69	Maurilia Maria	Monti	<i>Trichoderma</i> -plant crosstalk is mediated by VOCs emission
B1-70	Nathan	Wiyatt	Genome-wide association mapping identifies SnTox5 in <i>Parastagonospora nodorum</i>
B1-71	Sana	Kamel	Sequence analysis of <i>Pyrenophora tritici</i> -repentis effector genes in Tunisia
B1-72	Ananya	Barman	Identification, characterization, and in vitro biocontrol of pathogenic fungi associated with blister blight lesions of Tea (<i>Camellia sinensis</i>)
B1-73	Dubraska	Moreno-Ruiz	Mycoparasitism-related chemotropic sensing in <i>Trichoderma atroviride</i> germlings and hyphae
B1-74	Dubraska	Moreno-Ruiz	The effects of light on <i>Trichoderma atroviride</i> conidiation and mycoparasitic activity are partially dependent on the strain and the Tmk3 MAP kinase
B1-75	Timothy	Friesen	SnTox2/6 from <i>Parastagonospora nodorum</i> uses multiple host targets to induce disease

B1-76	Timothy	Tschaplinski	Metabolomics of non-host switchgrass plants expressing a poplar lectin receptor-like kinase in response to the mycorrhizal fungus, <i>Laccaria bicolor</i>
B1-77	Jessy	Labbe	Understand the exchangeable chemical signals that influence fungal interactions
B1-78	Silvia	Toffolati	Comparative transcriptome analysis identified novel genes modulated by <i>Plasmopara viticola</i> and resistant/susceptible <i>Vitis vinifera</i> during interaction
B1-79	Martin	Urban	PHI-base, a multispecies phenotype database for pathogens, hosts and their interactions to enhance global food security and human health
B1-80	Lay-Sun	Ma	The putative dual function of a secreted pathogenesis-related 1 (PR-1) family protein in <i>Ustilago maydis</i>
B1-81	Claire	Kanja	Functional characterisation of candidate <i>Fusarium graminearum</i> effectors
B1-82	Ana Karla	Machado Wood	Exploring the role of plant vesicle trafficking during <i>Fusarium graminearum</i> infection
B1-83	Giovanna	Serratore	Resistance tests to <i>Colletotrichum lindemuthianum</i> race 6: methods of examination for listing
B1-84	Luis B	Gómez Luciano	Effector gene turnover in blast disease fungi
B1-85	Stephan	Wawra	Compositional and functional analysis of the β-glucan matrix produced by <i>Serendipita indica</i> in planta
B1-86	Matteo Lorito	Francesco Vinale	Study of the beneficial interaction between <i>Trichoderma</i> and <i>Brachypodium distachyon</i> by RNA-sequencing



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WEDNESDAY, FEBRUARY 19th

Room: Auditorium Gallery + ETRUSCHI + AISLE

Concurrent Session 3.1 Evolution

P. Code	Name	Surname	Title
B2-01	Desirrê Alexia	Lourenço	Transposable elements (TEs) in Citrus-associated <i>Phyllosticta</i> species
B2-02	Levente	Karaffa	Occurrence, distribution, multiplicity and origins of the divalent metal/proton symporter (NRAMP/DMT) in the <i>Ascomycota</i>
B2-03	Erzsébet	Fekete	Involvement of spliceosomal twin introns in instances of alternative splicing in <i>Aspergillus</i>
B2-04	Erzsébet	Fekete	Formation of a new intron within an extant intron: how can stwintronisation happen?
B2-05	Jerome	Collemare	l'abstract è per navarro munoz! Evolutionary histories of type III polyketide synthases in fungi
B2-06	Dabao	Sun Lu	Population genomics of <i>Trichaptum abietinum</i> – a window into fungal speciation
B2-07	Corinn	Small	Pathogen adaptations to host and climate in a wild plant-pathosystem
B2-08	Claudia	Coleine	Evolution of the stress-adapted black Antarctic cryptoendolithic fungus Friedmanniomycetes endolithicus
B2-09	Hayat	Hage	Exploring the genomic diversity related to wood degradation within the order Polyporales, <i>Basidiomycota</i>
B2-10	Torda	Varga	A macro-evolutionary perspective on long-distance mass transport in fungi
B2-11	Primrose	Boynton	A forest <i>Saccharomyces</i> population is robust to environmental changes
B2-12	Stefania	Daghino	Genomic and phenotypic divergence among heavy-metal tolerant and sensitive isolates of the ericoid fungus <i>Oidiodendron maius</i>
B2-13	David Eduardo	Torres Sanchez	Transposable element diversity drives genome dynamics in the plant pathogenic fungus <i>VerGcillium dahliae</i>
B2-14	Renwei	Gao	Evolutionary odyssey of effector-like proteins in the mycoparasitic fungus <i>Trichoderma</i>
B2-15	Sundy	Maurice	Large diversity of species-specific fungi inhabit fungal sporocarps



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WEDNESDAY, FEBRUARY 19th
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Concurrent Session 3.2 Molecular Taxonomy and Phylogenomics

Poster Code	Name	Surname	Title
B2-16	Sandrielle	Noriler	Taxonomy and diversity of <i>Diaporthe endophytic</i> species from Pantanal and Cerrado biomes in Brazil
B2-17	Simona	Sanzani	CHARACTERISATION OF ASPERGILLUS AND PENICILLIUM POPULATIONS OF POMEGRANATE FRUIT BY HIGH RESOLUTION MELTING (HRM)
B2-18	Marta Cortina	Escribano	Genome sequence of <i>Ganoderma lucidum</i> (Curtis) P. Karst. from Finland
B2-19	Joris	Alkemade	Genetic diversity within <i>Colletotrichum lupini</i> , the causal agent of lupin anthracnose, and its virulence on white lupin (<i>Lupinus albus</i>)
B2-20	Matias	Pasquali	Exploring <i>Ciborinia camelliae</i> diversity
B2-21	Shira	Milo	Limited DNA repair gene repertoire in Ascomycete yeast revealed by comparative genomics
B2-22	Małgorzata	Orłowska	CAZymes associated with adaptation of basal fungi to their lifestyle
B2-23	Myrto	Tsiknia	Drivers of the biogeographical patterns of the endophytic fungal community in the roots of the Greek olive tree variety Koroneiki
B2-24	Christian	Rabot	Activation of Silent Gene Clusters in <i>Aspergillus nidulans</i> Using Hybrid Transcription Factors
B2-25 (exC1-25_CS 3.3)	Lea	Atanasova	Functional diversification of cellobiose dehydrogenases uncovers their involvement in multiple nutritional strategies of the mycoparasite <i>Clonostachys rosea</i>
B2-26 (exC3-12_CS3.4)	Jolanda	van Munster	Surface analysis tools identify how <i>Aspergillus niger</i> and its enzymes modify lignocellulose



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h: 18:00

Speaker and Affiliation	Title of the flash talk (5 minutes)
Silvia Laura Toffolatti -Università degli Studi di Milano Dipartimento di Scienze Agrarie e Ambientali Italy	Comparative transcriptome analysis identified novel genes modulated by <i>Plasmopara viticola</i> during interaction with resistant and susceptible grapevine
Ulrich Terpitz - Julius Maximilian University Department of Biotechnology and Biophysics	Expansion of fungi enables high resolution in fluorescence microscopy
Jaemin Sung - KAIST Biological Sciences	Comparative genomics of endoparasitic fungi, <i>Esteya vermicola</i>
Ada Krasevec - National Institute of Chemistry Department of Molecular Biology and Nanobiotechnology	Functional studies of nigerolysins in <i>Aspergillus niger</i>
Kar-Chun Tan - Curtin University Centre For Crop and Disease Management Australia	A specific fungal transcription factor controls effector gene expression and orchestrates the establishment of the necrotrophic pathogen lifestyle
Muriel Viaud - INRA BIOGER France	Could small interfering RNAs be involved in host specialization in the grey mould fungus <i>Botrytis cinerea</i> ?
Dabao Sun Lu - University of Oslo Department of Biosciences	Population genomics of <i>Trichaptum abietinum</i> –a window into fungal speciation
Claudia Coleine - University of Tuscia Dept of Ecological and Biological Sciences	Evolution of the stress-adapted black Antarctic cryptoendolithic fungus <i>Friedmannomyces endolithicus</i>
Corinn Small - Technical University of Munich Phytopathology	Pathogen adaptations to host and climate in a wild plant-pathosystem
Simona Sanzani - IAMB CIHEAM	MYCOTOXINS AS HOST TISSUE COLONIZATION FACTORS
Shira Milo - Hebrew University Microbiology and Phytopathology	Limited DNA repair gene repertoire in Ascomycete yeast revealed by comparative genomics
Myrto Tsiknia - Agricultural university of Athens Department of Natural Resources and Agricultural	Drivers of the biogeographical patterns of the endophytic fungal community in the roots of the Greek olive tree variety Koroneiki
Sandriele Noriler - University Federal of Parana Pathology	Taxonomy and diversity of <i>Diaporthe</i> endophytic species from Pantanal and Cerrado biomes in Brazil