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**Characterization of fungi in office dust: comparing results of microbial secondary metabolites, fungal ITS region sequencing, viable culture, and other microbial indices**

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Table S1. The list of microbial secondary metabolites analyzed for the study

|  |  |  |
| --- | --- | --- |
| Metabolites1-100 | Metabolites101-200 | Metabolites201-300 |
| 15-Acetyldeoxynivalenol15-Hydroxyculmorin15-Hydroxyculmoron15-Methyl-epi-FumiquinazolinA16-Ketoaspergillimide3-Acetyldeoxynivalenol3-Nitropropionic acid4-Hydroxyalternariol4-Monoacetoxyscirpenol5-Hydroxyculmorin5-Methylmellein7-HydroxypestalotinA 23187AAL TA-ToxinAbscisic acidAcetyldeoxyPHSAcetylPHSAflatoxin B1Aflatoxin B2Aflatoxin G1Aflatoxin G2Aflatoxin M1Aflatoxin M2Aflatoxin P1AflatremAgistatin BAgistatin DAgistatin EAgroclavineAJ 296Alamethicinalpha-Zearalenolalpha-Zearalenol GlucosideAlteichinAltenueneAltenusinAlternarian acidAlternariolAlternariol-3-GlucosideAlternariol-9-GlucosideAlternariolmethyletherAlternariolmethylether-GlucosideAltersetinAltersolanolAltertoxin IIAltertoxin-IAminodimethyloctadecanolAmoxycillinAmphotericinAndrastin AAndrastin BAndrastin CAndrastin DAnisomycinAnomalin AAntbiotic L 696474Antibiotic PF 1052Antibiotic YApicidinAscochlorinAscomycinAspercolorinAsperfuranAspergamid AAspergillimideAsperglaucideAsperlactoneAsperloxine AAsperthecinAspinolid BAspinoneneAspochalasin DAspterric acidAspyroneAsterric acidAtpenin A5Aurantiamin AAurasperon BAurasperon CAurasperon GAureobasidinAurofusarinAustalide AAustalide FAustdiolAustocystin AAustocystin IAverantinAverufaninAverufinBacitracinBafilomycin A1Barceloneic acidBassianolideBeauvericinbeta-Zearalenolbeta-Zearalenol-GlucosideBikaverinBis(methylthio)gliotoxinBotryan-Derivat | Brefeldin ABrevianamid FBrevicompanine BButenolidButyrolactone IButyrolactone IICalonectrinCalphostinCephalosporin CCercosporamideCercosporinCereulideCeruleninChaetocinChaetoglobosin AChaetoglobosin DChaetoviridin AChanoclavinChetominChetoseminudin AChlamydospordiolChlamydosporolChloramphenicolChlorocitreoroseinChloronectrinChlortetracyclinChromomycin A3ChrysoginChrysophanolCitreoroseinCitreoviridinCitreoviridin CCitreoviridinolCitrininCitromycetinCladosporinClonostachydiolCochliodinolCochlioquinone ACommunesin BCPA hydrolyCulmorinCurvularincyclo(L-Pro-L-Tyr)Cycloaspeptide ACycloechinulinCycloheximideCyclopeninCyclopenolCyclopeptineCyclopiazonic acidCyclosporin ACyclosporin BCyclosporin CCyclosporin DCyclosporin HCytochalasin ACytochalasin BCytochalasin CCytochalasin DCytochalasin ECytochalasin HCytochalasin JDaunorubicinDecalonectrinDecarestrictinDechlorogriseofulvinDeepoxy-deoxynivalenolDehydroaustinolDehydrocurvularinDehydrocyclopeptineDemethylsulochrinDeoxyAltersolanolDeoxybrevianamid EDeoxyfusapyronDeoxynivalenolDeoxyPHSDeoxytryptoquialanineDesoxypaxillinDestruxin ADestruxin BDestruxin CHLDiacetoxyscirpenolDihydrochlamydocinDihydrocitrinoneDihydroergosineDihydroergotamineDihydrogriseofulvinDihydrolysergolDihydrosterigmatocystinDihydrotrichotetronineDimethoxymethylgrisantrionDinactinDiplodiatoxinDON-15-SulfatDON-3-glucosideDON-3-SulfatDON-GlutathionDoxorubicinDoxycyclin | ElymoclavineElymoclavine-FructosideEmodinEnniatin AEnniatin A1Enniatin BEnniatin B1Enniatin B2Enniatin B3EpiequisetinEpoxyagroclavinEpoxycytochalsin CEpoxycytochalsin DEquisetinEremofortin AEremofortin BErgineErgocornineErgocornininErgocristamErgocristinamErgocristineErgocristinineErgocryptineErgocryptinineErgometrineErgometrinineErgosinErgosininErgotamineErgotaminineErgovalinErythromycinFestuclavineFK 506FK 9775 AFK 9775 BFlavipucinFS-4Fulvic acidFumagillinFumifunginFumigaclavineFumigaclavine CFumiquinazolin AFumiquinazolin CDFumiquinazolin DFumiquinazolin EFumiquinazolin FFumiquinazolin IFumitremorgin BFumitremorgin CFumonisin A1Fumonisin A2Fumonisin B1Fumonisin B2Fumonisin B3Fumonisin B4Fumonisin B6FusaproliferinFusapyronFusarenon-XFusaric acidFusarielin AFusarin CFusarinolic acidFusidic acidGeldanamycinGeodinGibberellic acidGliocladic acidGliotoxinGriseofulvinGriseophenone BHarzianopyridineHarzianum AHC ToxinHelvolic acidHelvolinic acidHeptelidic acidHT-2 GlucosideHT-2 toxinhydrolysed Fumonisin B1hydrolysed NidulinHydroxyroquefortine CHypothemycinIlicicolin BIlicolin CInfectopyronIntegracin AIntegracin BIonomycinIrgasanIsofusidienolIsokotanin BJosamycinK252aK252bKO 143Kojic acid |

Table S1. The list of microbial secondary metabolites analyzed for the study (continued)

|  |  |  |
| --- | --- | --- |
| Metabolites301-400 | Metabolites401-500 | Metabolites501-509 |
| Koninginin DLinamarinLincomycinLolitrem BLolitrem NLotaustralinLuteoskyrinLuteusin ALysergolMacrosporinMalformin AMalformin A2Malformin CMarcfortine AMarcfortine BMarcfortine CMeleagrinMethoxysterigmatocystinMethylequisetinMethylsulochrinMethysergideMevastatinMevinolinMithramycin CMitomycinMonactinMoniliforminMonoacetoxyscirpenolMonocerinMycophenolic acidMyriocinNeoechinulin ANeosolaniolNeoxalineNG 012NidulinNidurufinNigericinNivalenolNivalenol GlucosideNonactinNornidulinNorsolorinic acidNortryptoquialanineNP 12318NP 19199NT-2 ToxinNX1NX2NX-3Ochratoxin AOchratoxin alphaOchratoxin BOchratoxin COligomycin AOligomycin BO-MethylsterigmatocystinO-MethylviridicatinOphiobolin AOphiobolin BOrsellinic acidOxalineOxaspirodionOxidized ElymoclavineOxidized LuolOxytetracyclinPapyracillic acid AParacelsin AParacelsin BParaherquamide APaspalic acidPaspalinPaspalininPaspalitrem APaspalitrem BPatulinPaxillinPenicillic acidPenicillidePenicillin GPenicillin VPenigequinolone APenitrem APennigritrem APentahydroxyscirpenolPentoxyfyllinePestalotinPhomalactonePhomalonePhomopsin APhomopsin BPhyscionPorritoxinolPrehelminthosporolPrehelminthosporollactonPR-ToxinPseurotin APseurotin DPuromycinPurpactin A | PurpuridePyranonigrinPyrenocin APyrenophorolPyripyropene APyripyropene BPyripyropene DQuestiomycin AQuinocitrinine ARadicicolRapamycinRasfoninRoquefortine CRoquefortine DRoquefortine ERoridin ARubellin DRubratoxin ARubrofusarinRugulosinRugulotrosinRugulovasine ARugulusovinSambucinolSatratoxin GSatratoxin HSclerotiorinSecalonic acid Dsemi Xanthomegninsemi-VioxanthinSetusosinSiccaninSiccanolSkyrinS-MethylDONSpiculisporic acidSpiramycinSporogen AO IStachybotryamideStachybotrylactamStaurosporinStemphylperylenolSterigmatocystinSulochrinSydonic acidSydowinin ASynazerolT2-TetraolT2-toxinT2-TriolTaxolTenellinTentoxinTenuazonic acidTernatinTerpendole CTerpendole ETerphenyllinTerrecyclic acidTerreinTerritrem BTetracyclineThiolutinTR-2 ToxinTriacetyl-DeoxynivalenolTrichodermamide CTrichoderminTrichodimerolTrichostatin ATrichothecinTrichothecoloneTrypacidinTryprostatin ATryprostatin BTryptopholTryptoquialanineTryptoquialanoneTryptoquivaline FTylosinUsnic acidUstiloxin AUstiloxin BUstiloxin DValinomycinVancomycinVerrucarin AVerrucarin JVerrucarolVerrucofortineVerruculogenVersicolorin AVersicolorin CVerticillin AViomelleinVioxanthinViridicatinViridicatolViridicatum toxinViridolWortmannin | XanthomegninXanthotoxinXantocillin X1Xantocillin X2Zaragozic acid AZearalenoneZearalenone-14-glucosideZearalenone-sulfateZeralenone-16-Glucoside |