

Laboratory News

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Microbiology Lab Update

Name changes to microbial organism database

As you may know, the taxonomy and associated nomenclature of microbes is not static, but changes as organism relatedness is continuously reassessed and revised. Marshfield Labs has recently completed a major update of our microbial organism database to reflect these changes. Note that the old name is always incorporated into the new name. These changes will go into effect on or around March 27, 2024.

Table of New Names

Group	Current Name	New Name
Bacteria	<i>Actinomyces europaeus</i>	<i>Gleimia europaea (Actinomyces europaeus)</i>
Bacteria	<i>Actinomyces meyeri</i>	<i>Schaalia meyeri (Actinomyces meyeri)</i>
Bacteria	<i>Actinomyces neuii</i>	<i>Winkia neuii (Actinomyces neuii)</i>
Bacteria	<i>Actinomyces odontolyticus</i>	<i>Schaalia odontolyticus (Actinomyces odontolyticus)</i>
Bacteria	<i>Actinomyces radingae</i>	<i>Schaalia radingae (Actinomyces radingae)</i>
Bacteria	<i>Actinomyces turicensis</i>	<i>Schaalia turicensis (Actinomyces turicensis)</i>
Bacteria	<i>Arthrobacter cumminsii</i>	<i>Pseudoglutamicibacter cumminsii (Arthrobacter cumminsii)</i>
Bacteria	<i>Atopobium vaginae</i>	<i>Fannyhessea vaginae (Atopobium vaginae)</i>
Bacteria	<i>Escherichia vulneris</i>	<i>Pseudeschherichia vulneris (Escherichia vulneris)</i>
Bacteria	<i>Haemophilus actinomycetemcomitans</i>	<i>Aggregatibacter (Haemophilus) actinomycetemcomitans</i>
Bacteria	<i>Haemophilus haemoglobinophilus</i>	<i>Canicola (Haemophilus) haemoglobinophilus</i>
Bacteria	<i>Haemophilus paraphrophilus</i>	<i>Aggregatibacter aphrophilus (Haemophilus paraphrophilus)</i>
Bacteria	<i>Haemophilus segnis</i>	<i>Aggregatibacter segnis (Haemophilus segnis)</i>
Bacteria	<i>Kocuria kristinae</i>	<i>Rothia kristinae (Kocuria kristinae)</i>
Bacteria	<i>Propionibacterium propionicum</i>	<i>Arachnia propionica (Propionibacterium propionicum)</i>
Bacteria	<i>Roseomonas cervicalis</i>	<i>Pseudoroseomonas cervicalis (Roseomonas cervicalis)</i>

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Bacteria	<i>Turicella otitidis</i>	<i>Corynebacterium otitidis</i> (<i>Turicella otitidis</i>)
Fungi	<i>Acremonium kiliense</i>	<i>Sarocladium kiliense</i> (<i>Acremonium kiliense</i>)
Fungi	<i>Acremonium strictum</i>	<i>Sarocladium strictum</i> (<i>Acremonium strictum</i>)
Fungi	<i>Bipolaris australiensis</i>	<i>Curvularia australiensis</i> (<i>Bipolaris australiensis</i>)
Fungi	<i>Bipolaris hawaiiensis</i>	<i>Curvularia hawaiiensis</i> (<i>Bipolaris hawaiiensis</i>)
Fungi	<i>Bipolaris spicifera</i>	<i>Curvularia spicifera</i> (<i>Bipolaris spicifera</i>)
Fungi	<i>Lecythophora hoffmannii</i>	<i>Coniochaeta hoffmannii</i> (<i>Lecythophora hoffmannii</i>)
Fungi	<i>Lecythophora mutabilis</i>	<i>Coniochaeta mutabilis</i> (<i>Lecythophora mutabilis</i>)
Fungi	<i>Leptosphaeria senegalensis</i>	<i>Falciformispora senegalensis</i> (<i>Leptoshpaeria senegalensis</i>)
Fungi	<i>Leptosphaeria tompkinsii</i>	<i>Falciformispora tompkinsii</i> (<i>Leptoshpaeria tompkinsii</i>)
Fungi	<i>Madurella grisea</i>	<i>Trematosphaeria grisea</i> (<i>Madurella grisea</i>)
Fungi	<i>Microsporium cookei</i>	<i>Paraphyton cookei</i> (<i>Microsporium cookei</i>)
Fungi	<i>Microsporium gallinae</i>	<i>Lophophyton gallinae</i> (<i>Microsporium gallinae</i>)
Fungi	<i>Microsporium gypseum</i>	<i>Nannizzia gypsea</i> (<i>Microsporium gypsea</i>)
Fungi	<i>Microsporium nanum</i>	<i>Nannizzia nana</i> (<i>Microsporium nanum</i>)
Fungi	<i>Microsporium persicolor</i>	<i>Nannizzia persicolor</i> (<i>Microsporium persicolor</i>)
Fungi	<i>Ochroconis gallopava</i>	<i>Verruconis gallopava</i> (<i>Microsporium gallopava</i>)
Fungi	<i>Paecilomyces lilacinus</i>	<i>Purpureocillium lilacinum</i> (<i>Paecilomyces lilacinus</i>)
Fungi	<i>Pasteurella pneumotropica</i>	<i>Rodentibacter pneumotropicus</i> (<i>Pasteurella pneumotropica</i>)
Fungi	<i>Penicillium marneffeii</i>	<i>Talaromyces marneffeii</i> (<i>Penicillium marneffeii</i>)
Fungi	<i>Phialemonium curvatum</i>	<i>Thyridium curvatum</i> (<i>Phialemonium curvatum</i>)
Fungi	<i>Pseudallescheria boydii</i>	<i>Scedosporium boydii</i> (<i>Pseudallescheria boydii</i>)
Fungi	<i>Pyrenochaeta mackinnonii</i>	<i>Nigrograna mackinnonii</i> (<i>Pyrenochaeta mackinnonii</i>)
Fungi	<i>Pyrenochaeta romeroi</i>	<i>Medicopsis romeroi</i> (<i>Pyrenochaeta romeroi</i>)
Fungi	<i>Scedosporium prolificans</i>	<i>Lomentospora prolificans</i> (<i>Scedosporium prolificans</i>)
Fungi	<i>Trichophyton terrestre</i>	<i>Arthroderma terrestre</i> (<i>Trichophyton terrestre</i>)
Yeast	<i>Candida catenulata</i>	<i>Diutina catenulata</i> (<i>Candida catenulata</i>)

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Yeast	<i>Candida duobushaemulonii</i>	<i>Candida duobushaemuli</i> (<i>Candida duobushaemulonii</i>)
Yeast	<i>Candida famata</i>	<i>Debaryomyces hansenii</i> (<i>Candida famata</i>)
Yeast	<i>Candida glabrata</i>	<i>Nakaseomyces glabratus</i> (<i>Candida glabrata</i>)
Yeast	<i>Candida haemulonii</i>	<i>Candida haemuli</i> (<i>Candida haemulonii</i>)
Yeast	<i>Candida inconspicua</i>	<i>Pichia cactophila</i> (<i>Candida inconspicua</i>)
Yeast	<i>Candida kefyr</i>	<i>Kluyveromyces marxianus</i> (<i>Candida kefyr</i>)
Yeast	<i>Candida krusei</i>	<i>Pichia kudriavzevii</i> (<i>Candida krusei</i>)
Yeast	<i>Candida lambica</i>	<i>Pichia fermentans</i> (<i>Candida lambica</i>)
Yeast	<i>Candida lipolytica</i>	<i>Yarrowia lipolytica</i> (<i>Candida lipolytica</i>)
Yeast	<i>Candida lusitanae</i>	<i>Clavispora lusitanae</i> (<i>Candida lusitanae</i>)
Yeast	<i>Candida norvegensis</i>	<i>Pichia norvegensis</i> (<i>Candida norvegensis</i>)
Yeast	<i>Candida pelliculosa</i>	<i>Wickerhamomyces anomalus</i> (<i>Candida pelliculosa</i>)
Yeast	<i>Candida pintolopesii</i>	<i>Kazachstania telluris</i> (<i>Candida pintolopesii</i>)
Yeast	<i>Candida pulcherrima</i>	<i>Metschnikowia pulcherrima</i> (<i>Candida pulcherrima</i>)
Yeast	<i>Candida utilis</i>	<i>Cyberlindnera jadinii</i> (<i>Candida utilis</i>)
Yeast	<i>Cryptococcus albidus</i>	<i>Naganishia albida</i> (<i>Cryptococcus albidus</i>)
Yeast	<i>Rhodotorula minuta</i>	<i>Cystobasidium minutum</i> (<i>Rhodotorula minuta</i>)

Questions

Please contact Dr. Sophie Arbefeville or Dr. Thomas Novicki with questions about these changes at ext. 16100.