

Workshop on Yeast Systematics and Classification, Saturday, August 25, 2012, Madison, Wisconsin - Pre-Congress Program for the 13th International Congress on Yeasts (ICY2012), August 26-30, 2012, Madison, Wisconsin

Multi-gene phylogenetic studies are providing considerable information on relationships among the yeasts, which is guiding a genetics-based circumscription of species, genera and higher levels of classification. Molecular comparisons have already resulted in major reclassification of some yeast groups and more changes will follow. In addition, the *International Code of Botanical Nomenclature*, now termed the *International Code of Nomenclature for Algae, Fungi, and Plants* (Melbourne Code), has the provision that fungi, including the yeasts, can have only one legitimate name, effective January 1, 2013. Impacted are species with both teleomorphic and anamorphic names. Should teleomorphic names be used for species clades, or should the anamorph name be selected? Assignment of species currently placed in *Candida*, *Cryptococcus*, *Rhodotorula* and other anamorphic genera represents a major challenge.

The purpose of this workshop is to start a discussion among taxonomists, as well as other interested microbiologists and molecular geneticists, to consider names of taxa as the yeasts are reclassified from molecular studies and from requirements of the new Code. The workshop will begin with short presentations on the present classification of taxa and currently used species and genus concepts. The presentations will be followed by an open discussion among participants on possibilities for addressing the coming changes.

Program

9:00-9:20 am – Changes in the new Code – Jack Fell

9:20-9:40 am – Circumscription of Species and Genera – André Lachance

9:40-10:00 am – Current Teleomorphic Ascomycete Genera – Clete Kurtzman

10:00-10:20 am – Coffee break

10:20-10:40 am – Current Anamorphic Ascomycete Genera – Heide-Marie Daniel

10:40-11:00 am – Current Teleomorphic Basidiomycete Genera – Teun Boekhout

11:00-11:20 am – Current Anamorphic Basidiomycete Genera – Masako Takashima

11:20-12:30 pm – Lunch

Open Discussion, All Participants

12:30-1:30 pm – Ascomycete Yeasts – Moderators: Gabor Petér and Heide-Marie Daniel

1:30-2:30 pm – Basidiomycete Yeasts – Moderators: Teun Boekhout and Jack Fell