

Approved Proposals FY06

Following are the approved user proposals for fiscal year 2006.

Community Science Program (CSP) Plans

Large Eukaryotes

Organism	Proposer	Affiliation
<u><i>Arabidopsis lyrata</i> and <i>Capsella rubella</i> (pink shepherd's-purse)</u>	Weigel	Max Planck Inst. for Developmental Biology
<u><i>Mimulus guttatus</i> (monkey flower)</u>	Willis	Duke Univ.
<u><i>Sorghum bicolor</i></u>	Paterson	Univ. of Georgia

Small Eukaryotes

Organism	Proposer	Affiliation
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Batrachochytrium dendrobatidis (frog-infecting chytrid fungus)

Taylor

UC Berkeley

Bicyclus anynana (a butterfly)

Long

UC Irvine

Campanulales (*Grammthotheca bergiana*, *Isotoma petraea*, *Lobelia anceps*, *L. angolensis*, *L. baumannii*, *L. cardinalis*, *L. erinus*, *L. galpinii*, *L. gregoriana*, *L. inflata*, *L. jasionoides*, *L. malowensis*, *L. laxa*, *L. linearis* chloroplast, *L. patula*, *L. siphilitica*, *L. spicata*, *L. thermalis*, *L. boninensis*, *L. morogoroensis* chloroplast

Knox

Indiana Univ.

L. holstii chloroplast, *Monopsis alba*, *M. debilis*, *M. flava*, *M. stellaroides*, *Pratia angulata*, *P. nummularia*, *Wimmerella hederacea* chloroplast, *Carpodetus serratus* Chloroplast, *Cyphia volubilis* chloroplast, *Cyphia dentariifolia* chloroplast, *Cyphia angustiloba*, *Cyphia crenata* Chloroplast, *Cyphia digitata* chloroplast, *Cyphia tortilis* chloroplast, *Cyphia phyteuma* chloroplast, *Cyphia belfastica* chloroplast, *Brighamia insignis* chloroplast, *Porterella carnosula*, *Cyanea fissa* chloroplast)

Ciona intestinalis (sea squirt)

Lemaire

CNRS, France

Crassostrea gigas (oyster)

Hedgecock

Univ. of Southern California

Hydractinia symbiolongicarpus

Buss

Yale Univ

Ictalurus punctatus and *I. Furcatus* (catfish)

Liu-J

Auburn Univ.

Melampsora larici-populina (poplar rust)

Martin

Institut National de la Recherche Agronomique

Lake Malawi cichlid fish (*Metriaclima zebra*,
Labeotropheus fuelleborni, *Melanochromis auratus*,
Copadichromis conophorus, *Rhamphochromis esox*)

Kocher
Univ. of New
Hampshire

Mycosphaerella fijiensis (cause of black Sigatoka)

Goodwin
USDA-ARS,
Purdue Univ

Mytilus californianus (California mussel)

Gracey
Stanford Univ.

Ostreococcus (green unicellular alga, low-light strain)

Palenik
UC San Diego

Parhyale hawaiiensis and *Jassa slatteryi* (amphipod
crustaceans)

Patel
UC Berkeley

Petrolisthes cinctipes (porcelain crab)

Stillman
San Francisco
State Univ.

Phycomyces blakesleeanus

Corrochano
Univ. of Seville

Phytophthora capsici (root and crown rot)

Kingsmore
Natl. Ctr. for
Genome
Resources

Piromyces sp. E2 (a chytrid fungus)

Baker, S
Pacific
Northwest Natl.
Lab.

Trichoderma virens

Ebbole
Texas A&M
Univ.

Triphysaria versicolor (a parasitic wildflower)

Yoder
UC Davis

Xanthoria parietina (a lichen fungus)

Crittendon
Univ. of
Nottingham

Bacteria and Archaea

Organism	Proposer	Affiliation
<u>Acidovorax avenae subsp. Citrulli AAC00-1, Acidovorax JS42, Thermotoga RQ2, and Acidovorax symbiont (Verminephrobacter eiseniae EF01-2)</u>	Stahl	Univ. of Washington
<u>Verrucomicrobia (Akkermansia muciniphila, Chthoniobacter flavus Ellin428, bacterium Ellin 514, Opitutus terrae, and Victivallis vadensis ATCC BAA-548)</u>	Smidt	Wageningen Univ.
<u>Alaskan soil microbial community</u>	Handelsman	Univ. of Wisconsin-Madison
<u>Antarctic marine bacterioplankton</u>	Murray	Desert Research Inst.
<u>Bacillus coagulans 36D1</u>	Shanmugam	Univ. of Florida
<u>Two caulobacter (Caulobacter sp. K31 and Maricaulis maris MCS10)</u>	Stephens	Santa Clara Univ.
<u>Crenarchaeote community (phylotype C1b.A1)</u>	Simon	Oregon Health & Science Univ.
<u>Euryarchaeota community</u>	Baker, B	UC Berkeley
<u>Six archaea (Halorubrum lacusprofundi ATCC 49239, Methanocorpusculum labreanum Z, Methanoculleus marisnigri JR1, Staphylothermus marinus F1, and Thermofilum pendens)</u>	Woese/Anderson	Univ. of Illinois at Urbana-Champaign

Thermotogales (hyperthermophiles including *Fervidobacterium nodosum* Rt17-B1, *Petrotoga mobilis* SJ95, *Thermosipho melanesiensis* B1429, *Thermotoga lettingae* TMO, *Thermotoga naphthophila*, and *Thermotoga petrophila* RKU-1)

Hypersaline microbial mats

Korarchaeota community (Candidatus *Korarchaeum cryptofilum* OPF8, two others)

Nitrosomonas (isolate IS-79 and oligotropha Nm45)

Polynucleobacter necessarius STIR1 and *Polynucleobacter* sp. QWL-P1DMWA-1 pol_g

Salinispora tropica CNB-440 and *S. arenicola* CNS205 (marine actinomycetes)

Sinorhizobium medicae WSM 419

Termite gut microbial community

Terephthalate (TA) degrading community

Hyperthermophilic Archaeal Species (*Thermoproteus neutrophilus* V24Sta, *Pyrobaculum arsenaticum* DSM 13514, *P. calidifontis*, *P. islandicum*, *Caldivirga maquilingensis* IC-167)

Opitutaceae bacterium TAV2 (ex. *Verrucomicrobium* sp. TAV2)

Noll	Univ. of Connecticut
Pace	Univ. of Colorado
Stetter/ Elkins	Univ. Regensburg, Diversa Corp.
Norton	Utah State Univ.
Hahn	Instit. for Limnology, Austria
Jensen	Scripps Inst., UC San Diego
Reeve	Murdoch Univ.
Leadbetter	Caltech
Liu/ Hugenholtz	Natl. Univ. of Singapore
Lowe	UC Santa Cruz
Schmidt/ Rodrigues	Michigan State Univ.

