



PLANT HEALTH IN A GLOBAL ECONOMY

International Society for Plant Pathology



American Phytopathological Society

SATELLITE MEETING

JULY 28TH, 2018

8:00 AM – 6:00 PM

Hynes Convention Center
900 Boylston St, Boston,
Massachusetts, U.S.A.

Phytophthora agathidicida B.S. Weir, Beever, Pennycook & Bellgard (2015)



Photo by: G. Abad

Oomycetes in the era of Plant Health in a Global Economy.
Workshop organized to celebrate the 50th anniversary of the
International Society of Plant Pathology.

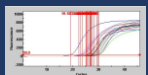
APS Sponsors: Committees of Diagnostics, Mycology, Plant Pathogen and Disease Detection, Regulatory Plant Pathology and Office of International Programs. APS Caribbean Division. **International Sponsors:** Italian Phytopathological Society, and Latin American Association of Phytopathology.

6th International Oomycetes Workshop. *Phytophthora*, *Pythium*, Downy Mildews and related genera

Conventional PCR



Real Time PCR

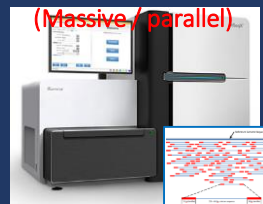


I. First Generation Sequencing (Sanger)



P. plurivora ITS rDNA 797bp

II. Second Generation (Massive / parallel)



III. Third Generation (Long read)



10 kb-
100 kb

TOPICS - Presentations and Posters:

Taxonomy and
Nomenclature

Identification and
Diagnostics

Diversity in Different
Environments

Management and
Control

Plant Pathogenic
Oomycetes of concern:
Trade regulations

Plant Pathogenic
Oomycetes: Genomics
and Microbiomics

New Technologies for
Oomycetes Research:
Looking to the Future

Official release of IDphy: Molecular and Morphological Identification of
Phytophthora Based on the Types (Online International Resource)

Organized by the Subject Matter Committee of the Oomycetes – International Society of Plant Pathology

For registrations visit [ICPP Program](#) or contact: Chair Dr. Z. Gloria Abad, gloria.abad@aphis.usda.gov