

2022 Host Resistance Committee Meeting Minutes July 29th, 2022

Meeting minutes for Host Resistance Committee

Current Committee mission: The Host Resistance Committee's primary mission is to foster awareness and disseminate information related to identifying mechanisms of resistance and integrated management strategies that improves the host's ability to defend itself against pathogen attacks.

Suggestions: The Host Resistance Committee's primary mission is to foster awareness and disseminate information related to identifying mechanisms of resistance and integrated management strategies that improves the host's ability to defend itself against both biotic and abiotic stress.

1. Vice-chair nominations and election

- Dr. Sushma Sood volunteered herself by email to serve as the vice chair for host resistance committee. All participants were asked at meeting who else would volunteer for this position. Dr. Sushma Sood was only the one, therefore, she was elected as the new vice chair for the next year.

2. Showcase new community site

- A new community site powered by higher logic is available for the host resistance committee
- Community site was well received by attendees
- The link to the site is as follows:
<https://community.apsnet.org/communities/community-home?communitykey=443c6ac5-8984-43d8-b321-4cff9a3a2e3b>
- The committee library link is here.
<https://community.apsnet.org/communities/community-home/librarydocuments?communitykey=443c6ac5-8984-43d8-b321-4cff9a3a2e3b&LibraryFolderKey=&DefaultView=>
- The committee blog webpage to write blogs related to host resistance link is here where members can post their blog.
<https://community.apsnet.org/communities/community-home/recent-community-blogs?communitykey=443c6ac5-8984-43d8-b321-4cff9a3a2e3b>
- The host resistance committee discussion platform link
<https://community.apsnet.org/communities/community-home/digestviewer?communitykey=443c6ac5-8984-43d8-b321-4cff9a3a2e3b>

3. Updates from APS council (Dr. David Gent)

- Council is looking forward to activities and vision of the committees that should align to the broader vision and mission of the APS.
- The Annual report of the committee to be submitted by **end of Aug, 2022**
- The councillor's challenge for 2023 is **FY23 Councillors' Challenge: Ongoing Committee Engagement.**

4. Host Resistance Committee co-sponsored session in Plant Health 2022 : Warming up to change

The two special sessions co-sponsored by Host resistance committee were accepted in Plant Health 2022.

1. "There's a collection for that.." Session was held on 9th Aug 12:30 -1:45 PM EDT in Plant health 2022. This session was sponsored by host resistance committee in collaboration with Germplasm Committee. It had five speakers to introduce the community about the type of collections that exists, their importance, their need and how to deposit and access germplasm from these collections.
2. "Plant Forensics: Building Pipelines for Rapid Detection of Plant Health Using High Throughput Approaches". The co-sponsored session by several committees including host resistance committee. The 5 speaker from all the background including graduate student, post docs and professors to introduce participants about early detection and diagnosis of plant biotic and abiotic stress by cutting-edge high throughput tools.

5. Councillors' Challenge

The goal of the challenge is to equip our committees with strategies for engaging their members and stakeholders using online tools. These strategies will become part of an APS Leadership Institute toolkit available to committee chairs and members.

Challenge

We are looking to equip our committees with strategies for engaging their committee members throughout the year. Submissions should briefly describe:

1. Resources (such as time, people, tools, funding, APS staff time, etc.) needed for the activity
2. Anticipated result or output of the activity
3. How the activity engages committee members

4. How the activity engages the broader APS members, the public, or any stakeholder group
5. How the activity furthers or supports diversity, equity, and inclusion of members.

Specific examples of these activities could include ideas such as:

- Developing a webinar on an issue in science or professional development within the expertise of your committee.
- Organizing a collaborative effort by your committee to develop a minimum standards-type methods paper for an APS journal.
- Creating a regular virtual seminar series.
- Developing or updating peer-reviewed plant pathology teaching resources for the APS Education Centre.

Evaluation

All submissions will be given equal consideration to the completeness to address the above criteria, quality of the committee engagement, and novelty of the proposed strategy and activity. Committees with the highest ranked submissions will be receive funding and recognition.

Winning submissions will be developed in full and implemented by the committee(s) and then made available to the APS Leadership Institute and to APS members. In addition, the winning committee(s) will provide a brief report on their activity that will be shared during the Committee Orientation Webinar.

The online submissions will be accepted through **October 3, 2022**. Challenge winner(s) for FY23 will be announced in the January 2023 issue of *Phytopathology News*.

Suggestions: for councillor's challenge proposal

Soumya Ghosh- Cell to Ecosystem zooming out life spectrum as online monthly meeting: It could be the collaborative approach by collaborating with some other committees including Molecular and Cellular Phytopathology Committee and few others, where 2-3 members from each committee can participate in giving an video interview about their research, talk about their motivation, challenges they face, instead of a full webinar. It would be a type of informal route.

The proposal being collaborative would increase the chance of acceptance of our proposal.

Jason- A webinar series on germplasm collections including various committees that would be organising seminars by various speakers.

A seminar series for graduate students and post docs to present their pre-mature work before APS meeting that could be as **6 months from now**.

Exposure Visit to Germplasm collections.

6. Session proposal for 2023 meeting

“Maintaining and enhancing plant disease resistance in changing under different environment conditions” was proposed for plant health 2022, but unluckily not selected.

The theme of Plant Health 2023 would be proposed soon. We can plan our proposal accordingly.

Development of host resistance by beneficial microbes- a sustainable approach - **Xia and Jagmohan**

Later, another meeting could be held to discuss about special session proposal submission for plant health 2023.

7. Other things to discuss

Dr. Xia Ye is editing special topic session for journal **Plants** “**Detection and Diagnosis for bacterial plant pathogens**”. You are welcome for article submission.

Host Resistance Committee 2022-23 :-

Chair- Dr. Jagmohan Singh

Vice Chair- Dr. Sushma Sood

Past Chair- Dr. Ye Xia