ABSA Biosecurity Symposium

At least two topics must be chosen for the abstract. An optional third topic may be selected to further define the abstract.

REQUIRED: One topic and one subtopic

**Topics:**

**1. Biosecurity Governance** (Governance encompasses the system by which an organization is controlled and operated, and the mechanisms by which it, and its people, are held accountable; the process of making and enforcing rules/decisions.)

**2. Beyond Laws and Regulations** (Operating in a realm with minimal or no biosecurity regulation, such as DIY laboratories for example)

**3. Biosecurity Successes, Challenges, and Lessons Learned**

**4. Biosecurity Education and Training**

**5. Bioeconomy**

**6. Personnel Reliability**

**7. Cybersecurity**

**8. Public and Community Engagement** (i.e., public at large, scientific community, professional communities)

**9. Biosecurity Integration with Other Professional Areas** (Ensuring success of biosecurity programs)

**10. Dual Use Research of Concern** (research that could be directly misapplied to pose a significant threat)

**Subtopics:**

1. International biosecurity

2. Best management practices for biosecurity

3. Biosecurity self-regulation- development and implementation in the absence of government regulations and/or oversight

4. Responsible research

5. Ethics and integrity in life sciences research

6. Evolution of biosecurity practices and procedures in life science research, industry, and academia

7. Global Health Security Agenda (GHSA)

8. Outbreak response (i.e., food, human, plant or animal, plant, or animal products)

9. Agricultural biosecurity

10. Biosecurity collaborations with law enforcement, researchers, public health, agricultural, biosafety professionals, and others

11. Biosecurity and bioeconomy (i.e., threats, risks)

12. Establishing/implementing biosecurity governance (methodology included)

13. Developing/updating/refining biosecurity training, and strategies for communicating biosecurity risks (methodology included)

14. Implementing biosecurity in non-traditional spaces (i.e., DIYbio community laboratories, capital/start-up, and food/nutrition using engineered organisms)

15. Training the next generation of life sciences researchers on how to incorporate biosecurity (Including practices, measures, and culture)

16. Biosecurity and big data (i.e., risks, best practices, case studies)

17. Cybersecurity strategies to protect computing infrastructure

18. Cybersecurity strategies to protect intellectual property

19. Methods for evaluating personnel reliability and suitability (i.e., evaluation and assessment of current framework and systems in place for vetting individuals)

20. Effective biosecurity communication to members of the media and the general public

21. Effective communication to law enforcement, researchers, public health, agricultural, biosafety professionals, and others about biosecurity hazards

22. Addressing biosecurity through community engagement for establishing and operating of high- and maximum-containment facilities

23. Biosecurity challenges during outbreaks (i.e., endemic, epidemic, pandemic)

24. Creating community biosecurity awareness for agricultural and plant pathogens

25. Creating community biosecurity awareness for human and animal pathogens

26. Biosecurity outreach and education for K-12/post-secondary/graduate

27. Developing/updating/refining personnel reliability and suitability programs (methodology included)

28. Developing/updating/refining cybersecurity training, and strategies for communicating cybersecurity risks (methodology included)

29. Developing/updating/refining cybersecurity programs (methodology included)

30. Biosecurity in high- and maximum-containment facilities

31. Biosecurity in clinical/diagnostic settings

32. Threat/vulnerability assessment (methodology included)

33. Material control and accountability (methodology included)

34. Physical security

35. Transportation security

36. Bioterrorism