



Training Workshops

- AEIC co-sponsored (with ILSI and the AACC) and participated in, training workshops on detection methods for biotechnology products around the world (including India, Korea, China, Brazil, Argentina, Colombia, and Singapore).
- AEIC co-sponsored, with USDA/GIPSA, a workshop entitled "Grain Biotechnology Methods Validation Workshop".
- AEIC presented an immunochemical analytical methods workshop for the EPA-OPPTS.

Scientific Symposiums and Meetings

- AEIC organizes semi-annual meetings as a forum to discuss current issues relevant to biotech, analytical methods, their applications, and related regulatory concerns worldwide. Summaries of the meetings and details of upcoming meetings can be found on the AEIC website.
- AEIC co-hosted a meeting, with the Society for Food and Agricultural Immunology.
- AEIC co-sponsored a symposium on practical applications of immunoassay with the Agrochemical Section of the American Chemical Society (ACS).
- AEIC co-sponsored a global meeting with the European Society for Food and Agricultural Immunology.

OUR MISSION

To advance and support bioanalytical technologies important to the success of agriculture, biotechnology and environmental industries, the AEIC:

- Provides a forum and a consensus voice for such technologies;
- Develops educational programs;
- Furnishes scientific expertise;
- Establishes performance standards for immunochemical, nucleic acid, plant composition and other methods

About AEIC

AEIC consists of more than 30 corporate, public, and scientific organizations as well as individual members. Government agencies also regularly participate in AEIC activities. Members of this diverse organization include technical experts in several analytical methodologies, particularly for proteins, nucleic acids, and plant composition. AEIC membership encompasses reagent and equipment manufacturers, testing laboratories, contract research organizations and technology providers in agriculture, biotechnology and food industries.

Our Accomplishments

Establishing Guidelines and Standards, the AEIC:

- Supports and through its members is active in the ISO standards setting process, most notably TC34 SC16 (Molecular Biomarker Analysis) and sampling for GMO detection.
- Has been instrumental in ensuring that the testing standards developed for PCR and protein methods are peer-reviewed and globally relevant.
- Publishes peer-reviewed globally, relevant papers on a variety of topics related to best practices in using analytical methods; see our Publication Section.
- Worked with the EPA to develop validation guidelines for environmental applications of immunochemical methods for use in studies supporting pesticide registrations.
- Worked to establish voluntary performance standards for immunoassay kits.
- Collaborated with University of Nebraska to develop guidelines for testing biotech crops and grain using lateral flow strips.

Testimonials

"The AEIC is an organization that helps coordinate improvements and efficiencies in the analytical area. The meetings educate the members in the latest information and serves as an excellent networking opportunity. It allows us to meet with CRO's, laboratories and kit providers all at one venue; it thus reduces the travel required to meet with these suppliers."

"The AEIC hosts two working groups – on protein methods and on composition methods that help harmonize our industry and can reduce costs. The composition group contributed to an industry and regulatory acceptance of an improved assay for Lectins."

"The AEIC has over the years contributed papers that have contributed to our license to operate by influencing regulators and standards setting at Codex and ISO. It continues to do so (the latest paper on comparing DNA and protein methods has already been cited in a standard that is being developed at ISO), and has provided a forum to publish highly cited influential background papers. Physical attendance at the working groups and meeting facilitates this and is critical to continuing effectiveness. This meeting is also an excellent opportunity for professional development. Attendees get to discuss with others in their expertise area and to expand their horizons so that they can better relate their work to the greater industry issues."