

External Scientific Advisory Committee (ESAC)

Call for a Toxicology Expert

Innovative Vector Control Consortium (IVCC) works globally to facilitate innovative approaches to preventing mosquito-borne diseases (e.g., malaria, dengue, etc.) and the growing threat of insecticide resistance.

The Opportunity

IVCC is looking for a human safety expert with experience in toxicological evaluation (laboratory and field trials) of vector control products (ITNs, IRS formulations or other products). The ideal candidate will have hands-on experience in both laboratory and field trials, and a deep understanding of how toxicological data informs product safety, regulatory compliance, and public health impact. This role offers the opportunity to influence the development of next-generation tools that protect vulnerable populations from mosquito-borne diseases, while ensuring human safety remains at the forefront of innovation.

The Background

The External Scientific Advisory Committee (ESAC) provides expert specialist technical assessments of IVCC's portfolio of products, including project selection, transition, and termination. They provide advice to the IVCC management team during periodic reviews of the projects.

Membership of the ESAC is through nomination of candidates with the required expertise. The ESAC meets four times per year (two full meetings and two short interim meetings) and IVCC calls on advice from ESAC members in an ad hoc capacity. During ESAC review meetings, IVCC's partner institutions benefit from guidance and support from our world-renowned scientific experts.

Expected Commitment

- 15-days per year
- ESAC Webinar:
 - Attendance at two interim project reviews per year, March and September
 - 2-hours in duration (held during UK working hours)
 - Facilitated via MS Teams.
- ESAC Full:
 - Attendance at two full meetings per year, May and December
 - 3-4-days in duration
 - Face-to-face the UK.

Project Report Reviews

Prior to each full ESAC, when appropriate, ESAC members will participate in project review sub-group(s) as a lead reviewer or reviewer.

The review meetings are scheduled over a 3-week period and participation is dependent on the number of projects an ESAC member is involved in. The format of the review meetings is:

- Week 1: Pre-read of reports
- Week 2: ESAC only review group (2-hours per project)
- Week 3: ESAC review group and key project team members (1-hour per project).

Experts willing to serve on IVCC's ESAC will need to demonstrate appropriate subject knowledge and that there is no conflict of interest to review specific projects.

Remuneration

ESAC members are classified as consultants by IVCC, and if required, IVCC is happy to reimburse an appropriate amount of time, and any expenses incurred. It is understood employees of some organisations, such as National Public Health Agencies, US Government Departments, Public Research Universities, are not permitted to receive payment for executing this role.

Experience & Qualifications

The following experience and qualifications are required for this position:

- Essential:
 - BSc in chemical or life science
 - Either a MSc/PhD qualification in toxicology or post graduate experience in toxicology
 - At least 5 years toxicology experience in the agrochemical industry/related industry sector
 - A strong understanding of
 - toxicology principles/practices and the scientific basis for toxicity testing
 - interpretation of toxicology studies needed for registrations and study monitoring
 - Knowledge of regulatory requirements for chemicals, agrochemicals, pharmaceuticals and animal health products
 - Proven expertise in applying regulatory toxicology to product risk assessments
 - Ability to work collaboratively with a diverse group of stakeholders.

- Desirable:
 - Professional qualifications
 - DABT (Diplomate of the American Board of Toxicology)
 - UKRT (UK register of Toxicologists)
 - Experience in applying regulatory toxicology to human safety risk assessments for mosquito vector control products
 - A track record of communicating scientific concepts effectively both verbally and in writing to non-specialists
 - You will be a solution-oriented individual who wants to be part of IVCC's mission to develop and deliver innovative vector control solutions that save lives.

Application Process

Please submit your CV and covering letter to info@ivcc.com with the subject line: 'ESAC Call for Experts – Toxicology Expert'

Closing date: Friday 16th January 2026



About IVCC

IVCC is the only Product Development Partnership (PDP) working in vector control. IVCC is a registered charity in the UK. We work with stakeholders to facilitate the development of novel and improved public health insecticides and formulations to combat the rapidly growing problem of insecticide resistance. We bring together partners from industry, the public sector and academia to create new solutions to prevent disease transmission. By focusing resources and targeting practical scientific solutions we accelerate the process from innovation to impact. To find out more visit our website www.ivcc.com.

IVCC actively promotes Equal Opportunities & Safeguarding Policies

We seek to attract and recruit people who reflect the diversity across our communities, regardless of sexual orientation, gender identity, ethnicity, nationality, faith or belief, social background, age, and disability. IVCC selects candidates based on skills, qualifications, and experience.

