

External Scientific Advisory Committee (ESAC)

Call for a Formulation 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

We are seeking a highly qualified formulation expert to provide technical guidance and support to our vector control projects. Our projects focus on the development and implementation of effective vector control interventions, including insecticidal-treated nets (ITNs), indoor residual spraying (IRS), spatial emanators and other vector control tools preventing outdoor transmission.

We are seeking expertise in addressing formulation challenges such as:

- Optimising insecticide efficacy and longevity, especially with ITNs and incorporated and coated formulations
- Minimising environmental impact
- Exploring new active ingredients with unique properties and formulation requirements/innovations
- Ensuring product stability and quality
- An understanding of the challenges of meeting the cost of goods targets
- Ensuring product manufacturability.

Responsibilities (through ESAC duties and project input):

- Provide technical advice on formulation development and selection to IVCC and its partners
- Review and evaluate existing and new insecticide formulations
- Troubleshoot formulation-related issues in the field
- Stay abreast of the latest research and developments in vector control.

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 in 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:
 - Advanced degree (MSc or PhD) in formulation technology, chemistry, entomology, or a related field, or relevant experience in vector control product formulation
 - Proven expertise in state-of-the art insecticide formulation and development
 - Strong understanding of vector control principles and practices
 - Excellent communication and interpersonal skills.
- Desirable:
 - Familiarity with WHO guidelines for vector control
 - Proven expertise in insecticide formulation and development in vector control products, preferably ITNs or IRS products
 - Experience working with vector control manufacturers to develop formulations
 - Knowledge of the registration and safety requirements related to pesticides.

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 – Formulation 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.

