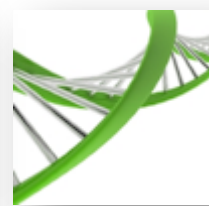
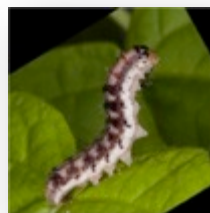




Insecticide Resistance Action Committee

Public Health Work Group

2013 a review



Team Overview

- Scope: insect vectors of disease and hygiene/nuisance pests
- Identify potential, new or existing resistance issues. Set up Team Working Groups or Focal Points as necessary
- Provide expert input into IRM initiatives with identified partners
- Preparation of Public Health communication material
- Develop IRAC methods for hygiene pests



Team membership

Chair: Mark Hoppé Syngenta
Deputy chair: Helen Pates Jamet Vestergaard Frandsen

Members:

James Austin	BASF
Kobi Barkai	ADAMA Agricultural Solutions
Ronda Hamm	Dow
Sebastian Horstmann	Bayer Crop Science
John Invest	Sumitomo chemical UK
John Lucas	Sumitomo chemical UK
Ralf Nauen	Bayer Crop Science
Alan Porter	APA

Non industry observers:

Kate Aultman	BMGF
Bob Wirtz	CDC

Membership news

- Tessa Knox (Vestergaard Frandsen) has made a career move, and has resigned from the IRAC PH team
- After many years of valiant service, Karin Horn (Bayer Crop Science) has stepped down from IRAC and has been ably replaced by Sebastian Horstmann

Review 2013

- Five teleconferences and one face to face meeting held during 2013
- Average attendance, nearly seven
- One telconfernce focused on «hygiene» pests, the remained covered both hygiene and vector control pests

Review 2013

- Main activities:
 - Up dated educational material in light of WHO's latest recommendations for interpreting mosquito susceptibility bioassays (WHO tube assay)
 - Article written for British Pest Control Association (BPCA) journal/ magazine
 - Participated in a work group charged with producing recommendations for the evaluation of bi-treated long lasting mosquito bednets
 - Had paper accepted at the International Conference on Urban Pests (ICUP) to be held in Zurich in July 2014. With the title: "Insecticide Resistance Management in Urban pests"
 - Asked by organisers to present paper twice, in the general conference session and at a satellite event for pest control practitioners





Review 2013

- Main activities:
 - Helped to organise a symposium at the MIM conference in South Africa
 - Originally to be funded by IRAC, but the conference organisers decided to include and fund it in the official conference programme
 - Presentation introducing IRAC and IRM made at symposium
 - Set up a LinkedIn group for the IRAC PH team
 - This group has been set up, but has been slow to get going, but we will persevere
 - Please contact Mark Hoppé if you would like further information
 - Updated or approved poster content
 - A number of educational posters were/are dated in style if not content
 - A number of pest profiles produced for the IRAC website

Challenges

- As ever, difficulties finding times for teleconferences when majority of team can join
- Significant activities from wider VC community related to IRM
 - This is both a challenge and an opportunity, a challenge to be heard “above the noise”, but an opportunity to work with third parties to promote best practice IRM
- Prior commitments, travel budgets, etc., preventing majority of team members attending International meeting
 - Please enjoy a beer on our behalf...

Objectives 2013/14

Goals	Objectives	Date
Identify potential, new or existing resistance issues. Set up Team Working Groups or Focal Points as necessary	<ul style="list-style-type: none"> Monitor and report to the Executive on any potential, new or existing national, regional or global resistance issues that could require action by IRAC e.g. Vectors and Hygiene Pests. Research the issues and report to the Executive on a recommended plan of action including the extent of the problem and whether and how it should be best tackled. Set up appropriate PH Team WGs as deemed appropriate for the 2013/14 year. 	On-going 
Provide expert input into IRM initiatives with identified partners, interact with groups working in the same field and participate/organise relevant meetings.	<ul style="list-style-type: none"> Set up a schedule of IRAC PH Team conference calls, meetings for 2013/14. Identify and invite relevant experts and observers from groups interested in Public Health IRM e.g. vectors, hygiene pests (WHO, Gates Foundation, IVCC) to participate and ensure that IRAC as an expert group provided input into relevant IRM initiatives. Develop routes of communication with third parties, to disseminate IRM information, e.g. LinkedIn group Coordinate activities more closely with CLI VCPT Support WHO, VCAG, etc., with IRM activities, in liaison with CLI VCPT as appropriate Organise workshop with third parties to update team on latest status of insecticide resistance in Anopheline vectors 	On-going 
Formulate the IRAC position on ongoing questions and issues as these arise	<ul style="list-style-type: none"> Consider insecticide resistance risk assessment approach for VC interventions Formulate position on the use of mixtures and synergists in VC 	Q4 2013 Q3 2013  
Preparation of Public Health communication material	<ul style="list-style-type: none"> Update posters, with particular emphasis on hygiene pests and larvicides Production of educational presentations, based on VM, that can be used by third parties Develop training modules that can be used for continual education credits in PPM industry Produce articles on IRM for trade journals, etc. 	Q3 2013 Q4 2013 Q4 2013 Q3 2013 