APMEN – The First 6 Years

Country-led collaborative platform

Technical Working Groups & Fellowships Program

Building programmatic capacity

Evidence based practice

Advocating for country-led elimination efforts
### 2016 Pivotal Meeting for APMEN

#### Redefining APMEN
- Tailor its efforts to **areas unmet** by other organizations
- Ensure activities are of **immediate relevance** to improve national elimination effort
- Recognize **different country needs** while addressing priority challenges
- Tracking progress on **clearly defined priorities**

#### Priority areas
- Identify **bottlenecks** to program implementation for malaria elimination and draw expertise from Partner Institutions for solutions
- Communicate research to translate to policy and practice
- Facilitate collaboration between countries with common issues
## Strategic Plan for 2017-2020

### Objectives

- Provide evidence and action:
  - P.vivax diagnosis and treatment
  - Vector control
  - Surveillance and response
  - Other areas that impact on malaria elimination
- Facilitate and support work and action towards malaria elimination
- Targeted human resource capacity development
- Maintain network of stakeholders

### Functions

- Address critical barriers of direct programmatic relevance
- Adapt and respond to changing malaria landscape and evolving priorities
- Continue to provide an open forum for collaboration
- Communicate what is needed in simple, practical and actionable terms
Affiliation of Asia-Pacific heads of government formed to accelerate process of malaria elimination by 2030

2014 A-P leaders instructed APLMA to:

1. **Unite national efforts and regional actions**
2. **Map, prevent, test and treat the disease everywhere**
3. **Ensure high quality malaria services, tests, medicines, nets and insecticides**
4. Improve targeting and efficiency to maximize impact
5. Mobilize domestic financing and leverage external support
6. **Innovate for elimination**
**Outcome**

- Assessment of country-level capacity for program management to achieve disease elimination and propose solutions to integrate and compliment regional elimination efforts

**Indicators**

- Capacity assessments for transitioning towards malaria elimination in vivax malaria management, vector control and surveillance and response
- Working technical brief for APMEN countries to implement malaria elimination in the context of WHO recommendations
APMEN members
- 18 Countries
- 34 Partner Institutions
- 4 Technical working groups (P vivax et al, vector control, S&R, program management)

Translate strong political commitment into action

- 22 countries in WPRO, SEARO and EMRO
- Commodities, finance and governance, regulatory collaboration

Integrate and complement regional elimination efforts
National Malaria Programs

a) Program management
b) Barriers to implementation
c) Building capacity
d) Hard-to-reach populations
e) Information-sharing
f) Geo-mapping

Vector control
(Outdoor transmission; integrated vector management; elimination setting)

Surveillance and Response
(Strategic approach based on malaria burden; cross-border issues)

Program management
(Program effectiveness and efficiency)

Vivax and case management
(Radical cure; point-of-care G6PDd testing; drug-resistance)

Malaria Free Asia Pacific, 2030
Vector Control Working Group

- **Core (2017-2018)**
  - Chair: Christina Rundi (Ministry of Health, Sabah, Malaysia)
  - Co-Chair: Pradeep Srivastava (National Malaria Program, India)
  - Working Group host: Jetsumon Prachumsri (Mahidol University)
  - Senior Program Manager: Allison Tatarsky (UCSF)
  - Technical Coordinator: Jeffery Hii (Malaria Consortium)

- **UCSF** support the VCWG through BMGF and Sumitomo Chemicals

- **Mahidol University**: coordination for meetings, assistance to Annual General Meeting and fellowships
VCWG annual meeting (12-14 July 2017)

- Capacity strengthening for vector control elimination
  - Training opportunities, Share best practices, fellowships (2017 and 2018) and training courses

- Technical innovations and current research
  - Vector surveillance, Outdoor transmission, Vector control tools

- Clearinghouse
  - Increase access to resources and technical support

- Establish a pooled-industry funding mechanism/pathway for Asia Pacific for mosquito-borne diseases for 2018 and beyond
Vivax Working Group

• Core (2017-2019)
  • Chair: Ric Price (Menzies School of Health Research, Australia)
  • Co-Chair: Albino Bobogare (National Vector-borne Disease Program, Solomon Islands)
  • Technical Advisors: Kamala Ley-Thriemer, Benedikt Ley (Menzies)
  • Project coordinator: Wulan Morling (Menzies)

• Funding: BMGF
Surveillance and Response Working Group

• Core (2017-2018)
  • Chair: Roly Gosling (UCSF)
  • Co-Chair: Prof. Gao Qi (Jiangsu Institute of Parasitic Diseases, China)
  • Others: Chris Cotter and Adam Bennet (UCSF)
  • Funding: BMGF (USD12,500 to JIPD)

• Themes
  • Capacity building – case-based surveillance and Response
  • Operational research
    • Technical support: Diagnostics. Geo-mapping, High-risk populations
  • Monitoring and evaluation – minimum and essential data
  • Policy – Consensus building, scorecard and technical annex
  • Program management
Synergies between Working Groups

- Activities and Capacity building
- Improve communication
- Engagement within network and other stakeholders
- Country dashboards to assess progress towards elimination from 2020 to 2030
APMEN AGM and Communications

**AGM**
- 3rd-5th Dec in Naypidaw, Myanmar
- Workshop on program management
- Business meeting (governance documents)

**Communication**
- Website and newsletters
- Featuring a member country
- Research, publications, relevant information
Vivax Working Group

Approach to research and to influencing policy and practise:

1. Identify knowledge gaps
2. Building consensus
3. Generating the evidence
4. Translate into policy
3 Themes

The Surveillance theme - host and the parasite

The Diagnostics theme - host and parasite

The Case Management theme
Workplan

1. Identify knowledge gaps

Annual review to identify critical bottlenecks

- Lit reviews of the three themes

- Discussion among network at annual meeting & workshops
2. Building Consensus

- **Focused workshops** along the three themes
  - Genotyping workshop x2, Clinical Trials workshop x2, G6PD workshop x2, Antimalarial resistance workshop

- **Sharing**: Experience, information, new data, technology

- **Standardized protocols** for surveys and trials, to promote pooling of data

- **Vivax Elimination Strategy** in close collaboration with the Foundation and other regional stakeholders
3. Generate the Evidence

- Three themes
- Projects determined by identified priorities
- Projects adapted at the annual meeting and workshops
- Selection and funding dispersal process
3. Generate the Evidence - Surveillance

- Genotyping and serotyping platforms

- Country partner Surveys: Cross sectional & healthcare facility based

- Work with MAP and WWARN for an open access database and **geospatial mapping** of the prevalence of malaria prevalence, G6PDd and CQR
3. Generate the evidence - Diagnostics

- Field performance and applicability of new diagnostics for parasite and host
  - *Bangladesh and Indonesia G6PD reference centres*
  - *Call for Surveys*

- Generate knowledge about implementation, practice and acceptance regarding the use of novel diagnostics
  - *Barriers study (4 countries) - Ley et al, Mal J*
  - *Qualitative studies linked to surveys*
3. Generate the evidence - Case Management

- Qualitative studies on Key impediments for radical cure & Adherence to PQ
  - APMEN Review Malaria J.April 2017
  - Qualitative studies - Collaboration with ITM Antwerp (Prof Koen Peeters)

- Facilitate and expand the WWARN database for drug resistance
  - Pooled analyses: Risk of recurrence and haemolysis

- Promote results from major clinical trials in the region
  - StopMIP in 2017
  - IMPROV in 2018
  - ...
Workplan

4. Translation into policy

- Present evidence of robust interventions
- Discussion with NMCPs during annual meetings and focus groups
- Feedback additional data required to change policy
1. **Knowledge Gaps**
   - Annual meeting and Workshops

2. **Building Consensus**
   - Standardised host and parasite surveillance (Dec 2017)
   - Design/analyses for diagnostic test evaluations (2018)
   - Qualitative surveys for Pq adherence and G6PD testing
   - Develop serotyping platform

3. **Generate Data:**
   - Open access database and mapping tool of G6PDd (MAP)
   - Field studies of >3 novel g6PD / parasite tests (PATH, Accessbio, IV, FIND)
   - Pooled Analyses (>60% of published P. vivax clinical trials) - WWARN
2017

- Annual Meeting October 9\textsuperscript{th}-11\textsuperscript{th} with Malaria in Pregnancy Consortium (Bali) and back to back with MMV stakeholder meeting

- Surveys (3-4 sites):
  - Site selection/Panel / Governance
  - Workshop with selected sites @ annual meeting
  - Start towards end of 2017

- Qualitative studies (3-4 sites)
  - Add on to surveys

- Regular communication (newsletter)
A network is only as good as:
- Its participants
- Its engagement
- Its relevance

VxWG needs to be flexible to changing priorities

A dynamic forum for interaction