Welcome to the 19th Annual Meeting
Vector Control Working Group

15 April 2024

Anticipating future challenges in malaria vector control
15 April 2024

Session 1: Plenary: introductions, objectives, key updates

Justin McBeath (Outgoing Co-Chair VCWG)
El Hadji Amadou Niang, VCWG (New Co-Chair VCWG)
A warm welcome and thank you for joining the 19th Annual RBM VCWG meeting here in Kigali
Objectives of the RBM - Vector Control Working Group

**Purpose:**
- To align RBM partners on best practices to reach and maintain universal coverage with effective vector control interventions.
- To support the implementation of Vector Control Guidance generated by WHO and to galvanise efforts towards achieving specific country and global malaria elimination targets.

**MEMBERS**
- National programs
- Product manufacturers
- Academia
- Implementers
- Policy makers
- Multi-laterals
- CSOs

![Diagram](image_url)
VCWG 18th annual meeting, Feb 2023
~339 participants from 49 countries
(34 malaria-affected countries)

Meeting presentations and photos are available on the RBM website
VCWG is organized around 3 workstreams; each with three themes of output. Task Teams focus on topics under each of these themes in each WS.

- **WS 1: Enhancing the Impact of Core Interventions**
  1. Identify gaps, capacity needs and research priorities
  2. Policy clarification and evaluation pathways
  3. Operational scale up and support

- **WS 2: Expanding the Vector Control Toolbox**

- **WS 3: Implementing the Global Vector Control Response**

Detailed workplans have been developed for each workstream.
Workstream 1: Enhancing the Impact of core interventions (ITNs and IRS)

Co-leads:
- Allan Were, MSH; awere@msh.org
- Mary Kante, Eauclaire consulting; mkante@eauclaireconsulting.co

Task Team 1
- Using data to inform optimal selection of core interventions.
  
  Leads: D. Levi Hinneh and Chrispin Williams, NMCP Liberia; Sarah Burnett, USAID; Ketty Ndhlovu, NMEP Zambia

Task Team 2
- Addressing biological threats; new insecticides for vector control (for IRS and ITNs)
  
  Leads: Christen Fornadel, IVCC; Mulamuli Mpfou, Chemonics International

Task Team 3
- Private sector involvement for sustainable vector control
  
  Leads: Samuel Asiedu, AGAMal Ghana; Jessica Rockwood, International Public Health Advisors; Andrew Saibu, IVCC, Ghana

Task Team 4
- Addressing non-biological threats: ITN quality, access and use, durability/replacement
  
  Leads: El Hadji Amadou Niang, UCAD Senegal; Lucia Fernandez, CHAI
## Workstream 2: Expanding the vector control toolbox

**Co-leads:**
- Derric Nimmo, IVCC: derric.nimmo@ivcc.com
- Eric Ochomo, KEMRI: eochomo@kemri.go.ke

### Task Team 1
- **Larval Source Management**
- **Lead:** Elijah Juma, PAMCA

### Task Team 2
- **Innovations in vector control and vector surveillance**
- **Lead:** Tullu Bukhari, ICIME Kenya; Yang Hu, CHAI

### Task Team 3
- **Anthropology and human centered design (interface between vector control and human behavior)**
- **Lead:** Fatou Jaiteh, ITG, The Gambia
Workstream 3: Implementing the Global Vector Control Response

Co-leads:
- Chadwick Sikaala, Elimination 8, csikaala@sadce8.org
- Anne Wilson, LSTM, Anne.Wilson@lstmed.ac.uk

<table>
<thead>
<tr>
<th>Task Team 1</th>
<th>Task Team 2</th>
<th>Task Team 3</th>
<th>Task Team 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integrated Vector Management</td>
<td>Capacity and collaboration</td>
<td>Anopheles stephensi response</td>
<td>Vector Control in Humanitarian Emergencies</td>
</tr>
<tr>
<td>Leads: Jo Lines, LSHTM; Charles Mbogo, KEMRI Kenya</td>
<td>Lead: Givemore Muhenga, NICD South Africa</td>
<td>Leads: Melissa Yoshimizu, USAID; Sarah Zohdy, CDC; Susanta Ghosh, Mangalore University India</td>
<td>Leads: Joe Lewinski; Julius Kasozi, UNHCR Uganda</td>
</tr>
</tbody>
</table>
KEY ACHIEVEMENTS IN 2023

1. Developed supportive guidance documents:
   - Global Vector Control Response to invasive *Anopheles stephensi*: Consensus Statement
   - Vector Control Epidemiological Impact Evaluation Staff and Technical Assistance Request Guidance

2. Created a new Task Team on Vector Control in Humanitarian emergencies

3. Participated in a workshop to update the RBM strategy – Geneva in October 2023

4. RBM 29th Board meeting – Dubai – December 2023
TRANSITION IN LEADERSHIP

Dr Corine Ngufor
Associate Professor of Medical Entomology LSHTM &
Lead Scientist CREC, Benin
corine.ngufor@lshtm.ac.uk

Justin McBeath
CEO, IVCC, UK
justin.mcbeath@ivcc.com

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Dr Konstantina Boutsika (Coordinator)
Scientific Project Leader, Swiss Tropical and Public
Health Institute, Switzerland
konstantina.boutsika@swisstph.ch

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Co-chairs and coordinator
CO-CHAIR - HANDOVER

Justin McBeath
IVCC, United Kingdom

El Hadji Amadou Niang
Cheikh Anta Diop University, Senegal
Overview of agenda and objectives for VCWG-19

Corine Ngufor (Co-Chair VCWG)
VCWG - 19th annual meeting 2024 in Kigali

VCWG 19th annual virtual meeting registrants as of 11 April:
221 participants from 43 countries
(30 malaria-affected countries)
https://endmalaria.org/our-work-working-groups/vector-control
Agenda in a nutshell

**Theme: Anticipating future challenges in malaria vector control**

**Monday 15th April**
- Morning: Plenary: introductions, objectives, key updates
- Afternoon: Work Stream 1: Enhancing the Impact of Core Interventions
  * Before the lunch break: E-poster presentation (Concourse)

**Tuesday 16th April**
- Morning: Work Stream 2: Expanding the Vector Control Toolbox
- Afternoon: Work Stream 3: Implementing the Global Vector Control Response
  * Before the lunch break: E-poster presentation (Concourse)

**Wednesday 17th April**
- Morning:
  - Exhibition
  - Special updates
  - Roundtable discussion
  - Closing
- Afternoon:
  - Joint meeting VCWG & MSWG
  - Side-meeting (Room AD3): Larval Source Management (LSM)

“The role of multisectoral approaches to vector control”
# Todays Agenda

[Session 1] Plenary: Introductions, objectives, key updates

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Chair</th>
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</thead>
<tbody>
<tr>
<td>7:00 - 8:30</td>
<td>Arrivals, registrations</td>
<td></td>
</tr>
<tr>
<td>8:30 - 8:40</td>
<td>Welcome, new elected co-chair announced, introductions of participants</td>
<td>Justin McBeath, VCWG</td>
</tr>
<tr>
<td>8:40 - 8:50</td>
<td>Overview of agenda and objectives for VCWG-19</td>
<td>Corine Ngufor, VCWG</td>
</tr>
<tr>
<td>8:50 - 8:55</td>
<td>Opening Remarks</td>
<td>Emmanuel Hakizimana,</td>
</tr>
<tr>
<td>8:55 - 9:00</td>
<td>Prof. Claude Mambo Muvunyi - Director General, Rwanda Biomedical Center</td>
<td>Director Vector Control Unit, RBC/Malaria and Other Parasitic Diseases Control Division</td>
</tr>
<tr>
<td>9:00 - 9:15</td>
<td>Progress towards malaria elimination in Rwanda</td>
<td></td>
</tr>
<tr>
<td>9:15 - 9:45</td>
<td>Group photo &amp; morning break / fair-trade coffee, selection of teas, fruit juices, snacks</td>
<td></td>
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</tbody>
</table>

The detailed agenda is available on the Attendee App & Web or Website.  
https://www.globalmalariaevents.org/event/VCWG2024
# Todays Agenda

[Session 1] Plenary: Updates from the Malaria Vector Control Community

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:45 - 10:00</td>
<td>Update from RBM Partnership to End Malaria</td>
<td>Daddi Wayessa, RBM Partnership to End Malaria</td>
</tr>
<tr>
<td>10:00 - 10:30</td>
<td>Updates on malaria vector surveillance and control</td>
<td>Seth Irish, WHO GMP</td>
</tr>
<tr>
<td>10:30 - 11:00</td>
<td>WHO vector control products prequalification updates and implementation roadmap for the new ITN guideline</td>
<td>Geraldine Foster, WHO-PQT/VCP</td>
</tr>
<tr>
<td>11:00 - 11:20</td>
<td>Global Fund update on vector control financing</td>
<td>Kate Kolaczynski, The Global Fund</td>
</tr>
<tr>
<td>11:20 - 11:40</td>
<td>PMI malaria vector control policy and strategy updates</td>
<td>Sarah Zohdy, PMI</td>
</tr>
<tr>
<td>11:40 - 12:00</td>
<td>Unitaid's vector control portfolio: an overview and update</td>
<td>Kenny Onasanya &amp; Rachel Evans, Unitaid</td>
</tr>
<tr>
<td>12:00 - 12:30</td>
<td>Q&amp;A</td>
<td>Moderator: El Hadji Amadou Niang, VCWG</td>
</tr>
<tr>
<td>13:00 - 14:00</td>
<td>E-poster presentations (5 minutes per talk and 10 min discussion)</td>
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<td></td>
<td>Buffet lunch</td>
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## Todays Agenda

[Session 2] Work stream 1 session

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Details</th>
<th>Speakers</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:00 – 18:05</td>
<td>WS1: Enhancing the Impact of Core Interventions</td>
<td>Allan Were, Mary Kante</td>
</tr>
<tr>
<td>15:00 – 15:30</td>
<td>Afternoon break</td>
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</tbody>
</table>

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## Tuesday 16th April Agenda

**[Session 2] Work stream 2 session**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 – 12:30</td>
<td>WS2: Expanding the Vector Control Toolbox</td>
<td>Derric Nimmo, Eric Ochomo</td>
</tr>
<tr>
<td>MH3</td>
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<tr>
<td>12:30 -13:00</td>
<td>E-posters</td>
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<tr>
<td>Concourse</td>
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<tr>
<td>10:00 – 10:30</td>
<td>Morning break</td>
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<tr>
<td>Concourse</td>
<td></td>
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<tr>
<td>13:00 – 14:00</td>
<td>Buffet lunch</td>
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<tr>
<td>Larder restaurant</td>
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</tbody>
</table>

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## Tuesday 16th April Agenda

### [Session 2] Work stream 3 session

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker/s</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:00 – 18:30</td>
<td>WS3: Implementing the Global Vector Control Response</td>
<td>Chadwick Sikaala</td>
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<td></td>
<td></td>
<td>Anne Wilson</td>
</tr>
<tr>
<td>15:00 – 15:30</td>
<td>Morning break</td>
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</table>

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**Wednesday 17th April Agenda**

[Final Plenary] Exhibition pitches and more partner updates

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>9:00 - 9:05</td>
<td>Welcome</td>
</tr>
<tr>
<td>9:05 - 9:30</td>
<td>Exhibition Fair, 3-minute pitch</td>
</tr>
<tr>
<td>9:30 - 9:40</td>
<td>IVCC strategy update</td>
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<tr>
<td>9:40 - 9:50</td>
<td>PAMCA 2025 conference</td>
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<tr>
<td>9:50 - 9:55</td>
<td>Introducing the new global Elimination Interest Group</td>
</tr>
<tr>
<td>9:55 - 10:10</td>
<td>The role of vector control in malaria eradication: where are we?</td>
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<tr>
<td>10:10 - 10:20</td>
<td>Q&amp;A</td>
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<tr>
<td>10:20 - 10:45</td>
<td>Morning break / fair-trade coffee, selection of teas, fruit juices, snacks</td>
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### Wednesday 17th April Agenda

**[Session 3] Roundtable discussion and closure**

<table>
<thead>
<tr>
<th>Session 3</th>
<th>Roundtable discussion and closure</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>10:45 - 12:15</strong></td>
<td>Climate change, climate related emergencies and vector control</td>
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<tr>
<td>Panel members:</td>
<td>Abdisalam Noor (recording)</td>
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<td></td>
<td>Mohammad Mukhtar (Pakistan)</td>
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<td>Baltazar Candrinho (Mozambique)</td>
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<td>Achim Redding (BASF)</td>
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<td></td>
<td>Kenny Onasanya (Unitaid)</td>
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<td></td>
<td>Helen Jamet (BMGF)</td>
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<td></td>
<td>Sarah Zohdy (PMI)</td>
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<td></td>
<td>Kate Kolaczinski (The Global Fund)</td>
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<tr>
<td><strong>Moderators:</strong></td>
<td>Corine Ngufor</td>
</tr>
<tr>
<td></td>
<td>El Hadji Amadou Niang</td>
</tr>
</tbody>
</table>

| **12:15 - 12:30** | Work Stream highlights, next steps |
|                  | Way forward in 2024-2025 |
| **Moderators:**  | Corine, El Hadji, Konstantina |

- **Any other business**

**12:30 - 13:30**

**Larder Restaurant**

**Buffet lunch**

**Joint meeting Vector Control & Multi-Sectoral Working Groups**

The role of multisectoral approaches to vector control

Co-Chairs: Corine Ngufor & El Hadji Amadou Niang (VCWG) & Graham Alabaeter & Peter Mbabazi (MSWG) MH2 & MH3

The detailed agenda is available on the Website or Attendee Web & App.

[https://www.globalmalariaevents.org/VCWG2024](https://www.globalmalariaevents.org/VCWG2024)
Wednesday 17\textsuperscript{th} April Agenda

Joint meeting Vector Control & Multi-Sectoral Working Groups

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<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:30 – 14:00</td>
<td>Update from RBM VCWG</td>
<td>Corine Ngufor, El Hadji Amadou Niang</td>
</tr>
<tr>
<td>14:00 – 14:30</td>
<td>Update from RBM MSWG</td>
<td>Graham Alabaster, Peter Mbabazi</td>
</tr>
<tr>
<td>14:30 – 15:30</td>
<td>Emerging topics - Building a broader approach to mosquito management</td>
<td>Seth Irish, WHO GMP</td>
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<td></td>
<td>across the built environment (2x10 min talks, 40 min discussion)</td>
<td>Michael Macdonald, Consultant</td>
</tr>
<tr>
<td>15:30 – 16:00</td>
<td>Afternoon break / fair-trade coffee, selection of teas, fruit juices,</td>
<td>Olukayo Odufuwa, IHL/Swiss TPH, Switzerland, Tanzania</td>
</tr>
<tr>
<td></td>
<td>snacks</td>
<td>RMCD Uganda</td>
</tr>
<tr>
<td>15:30 – 16:30</td>
<td>Locally focused approaches to financing</td>
<td>Robert Mugerwa, Uganda RMCD</td>
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<td></td>
<td>(3x10 min talks, 30 min discussion)</td>
<td>David McGuire, IVCC</td>
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<td>Samuel Asare-Bediako Benso Oil Palm Plantation, Ghana</td>
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<td></td>
<td></td>
<td>El Hadji Amadou Niang, Cheikh Anta Diop University, Senegal</td>
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<td></td>
<td>Graham Alabaster, Peter Mbabazi</td>
</tr>
<tr>
<td>16:30 – 17:00</td>
<td>List of outcomes from the Joint meeting</td>
<td>Corine Ngufor, El Hadji Amadou Niang</td>
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<tr>
<td></td>
<td>• Opinion/commentary article (1.5-2 pages) for the broader audience</td>
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<td></td>
<td>• Two-way dialogue, vision and areas where the two WGs are working</td>
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<tr>
<td></td>
<td>together in a complementary way</td>
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</tbody>
</table>

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## SIDE MEETINGS

### SIDE-MEETING
Larval Source Management (LSM)

<table>
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<tr>
<th>Time</th>
<th>Location</th>
<th>Discussion</th>
</tr>
</thead>
<tbody>
<tr>
<td>17:00 – 18:00</td>
<td>Room AD3</td>
<td>An open forum discussions on pertinent matters on LSM in Africa</td>
</tr>
</tbody>
</table>

**Tentative topics of discussion**
- Landscape analysis of LSM implementation in Africa
- Evaluation framework for LSM projects and programs in Africa
- Review and read out of resolutions of the BMGF/PAMCA/PMI LSM meeting in Addis Ababa, Ethiopia in 2023: progress and prospects
- Establishment of a LSM community of practice to lead and champion LSM programs in Africa
- Other

Elijah Juma (PAMCA), Allison Tatarsky (UCSF), Edward Thomsen (UCSF)
The Resistant Mosquito: Staying Ahead of the Game in the Fight against Malaria

- Discover how we combat malaria resistance
- MOOC addresses insecticide challenges in mosquito vectors of disease.

- Starting the free course (for six weeks with one to two hours of weekly study) from May 13th.
- A simple registration

- Many thanks to all contributors from RBM VCWG, University of Basel, the Swiss TPH, and many other organisations and institutions
Reminder on the VCWG Code of Conduct

The purpose of the Vector Control Working Group (VCWG) is to align RBM partners on best practices to reach and maintain universal coverage with effective vector control interventions.

RBM VCWG Code of Conduct

For further information, please refer to the VCWG Revised Terms of Reference adopted in April 2018 following the 9th RBM Partnership Board meeting. The governance and management of the group follows the Working Group Standard Operating Procedures (SOPs).

RBM VCWG Webpage
https://endmalaria.org/our-work-working-groups/vector-control

Attendee App and Web
Contacts

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Dr El Hadji Amadou Niang, Cheikh Anta Diop University, Senegal
elhadjihamadou.niang@ucad.edu.sn

Dr Konstantina Boutsika
Scientific Project Leader, Swiss Tropical and Public Health Institute, Switzerland
konstantina.boutsika@swisstph.ch

The coordination of the VCWG is secured by the Swiss Agency for Development and Cooperation (SDC) funds through the GlobMal project Phase 4 at Swiss Tropical and Public Health Institute

https://endmalaria.org/our-work-working-groups/vector-control
The sponsorships of selected malaria-affected country participants are kindly funded by the Swiss Agency for Development and Cooperation (SDC) through the GlobMal, Phase 4 project at Swiss TPH, the RBM Secretariat and contributions received from the Organizations participating at the Exhibition Fair. We are grateful.
HOUSEKEEPING RULES

• Please ALWAYS wear your name badge and armband (for security and lunch identification)
• Phones on silent!

• Exhibition Fair on Monday and Tuesday at Concourse, outside the meeting room
• E-posters will be presented today and tomorrow at 12:00 pm (just outside the meeting room)
• Coffee breaks every morning and afternoon at Concourse
• Lunches at Larder Restaurant (underground floor at the hotel)
HOUSEKEEPING RULES

• Group photo at the garden in front of Concourse today at 9:15 am
• The restrooms are outside of the meeting room to the right

• No simultaneous interpretation in French
  If you need support with live translation scripts for sessions, please contact sunghea.park@swisstph.ch

• Newsletters are circulated in June and December.
  Subscription here:

• **WIFI: KCC (no password)**
HOUSEKEEPING RULES

Dos
• Respectful
• Collaborative
• Considerate

Don’ts
• Personal attacks
• Harassment, bullying
• Disruptive
• Unauthorized recordings
Attendee App and Web

Please download and use the Attendee App on your smartphone!

- Search for the daily live schedule
- Give your live feedback on sessions (polls)
- Find useful information including floor plan, exhibitors, speakers, attendees, daily menu, etc.
- Update your profile
- Access useful information
- Send messages and schedule appointments
Attendee App and Web (Live feedback on sessions)
Polls will be activated during the session
Attendee App and Web (short instruction)

1. Download App “Cvent Events”
2. Search for the event "Vector Control"
3. Download "19th Annual Meeting Vector Control Working Group"
4. Login (name and email which you have registered)
5. Verification code will be sent to your email or SMS
6. If you are not able to download the app, use Attendee Web (log-in needed): https://eur.cvent.me/Yx2ry
Plenary Session Live Q&A Link

https://edupad.ch/p/ym9kgxQCMt

Live session feedback via Attendee app
Training scientists in malaria diagnosis in Côte d'Ivoire, 1986 (family photo)