

Febrile illness: a unified approach to protocol design for multicentered studies

Organized by the Foundation Mérieux

Les Pensières Center for Global Health
Veyrier-du-Lac - France

21-23 January 2019

des racines pour la vie • roots for life



Scientific programme

Monday, January 21st, 2019

17:00 - 17:30		Registration
17:30 - 17:45	Welcome and short introduction	<p>Fondation Mérieux (FMx) research team welcome :</p> <ul style="list-style-type: none">• Valentina Picot, Clinical Research/ Trials Manager• Florence Pradel, GABRIEL Network Manager• Juliet Bryant, Director Laboratory of Emerging Pathogens
17:45 - 18:30	Keynote : understanding fever & the acute fever illnesses landscape	David Mabey
18:30 - 19:10	Keynote : updates - WHO/Unicef Integrated Management of Childhood Illness (IMCI) and child health	Shamim A Qazi
19:30		Welcome dinner



Scientific programme

Tuesday, January 22nd, 2019

Session 1

EPIDEMIOLOGY OF ACUTE FEVERS

Chairs: Florence Pradel & Yoel Lubell

8:20 - 8:50	Epidemiology of fever – beyond malaria	Blaise Genton
8:50 - 9:20	What are the preventable and/or treatable causes of febrile illness that we are currently failing to recognize in resource-limited settings	Valérie D'Acremont
9:20 - 9:30	Discussion	
9:30 - 10:00	Coffee break	
10:00 - 11:40	<p>Gabriel network members present descriptive data on fever:</p> <p>Understanding the relative importance of different causes of illness among adults and children with fever attending health care services at:</p> <p>(Rapid-fire presentations 10 min each)</p>	<p>Kaiissar Mannoor, Bangladesh</p> <p>Marilda Siqueira, Brazil</p> <p>Chou Monidarin, Cambodia</p> <p>Sara Eyangoh, Cameroon</p> <p>Lili Ren, China</p> <p>Shally Awasthi, India</p> <p>Bourema Kouriba, Mali</p> <p>Mamy Randria, Madagascar</p> <p>Graciela Russomando, Paraguay</p>
11:40 - 12:00	Roundtable & Discussion	
12:00 - 13:20	Group Picture and Lunch	



Scientific programme

Session 2

FEVER – THE RESEARCH LANDSCAPE

Chairs: Katherine Plewes & Juliet Bryant

13:20 - 13:50	Research on “causes of fever”: an overview of studies to date, and a brief update on FIEBRE	Heidi Hopkins
13:50 - 15:30	<p>Novel fever diagnostics tools:</p> <ul style="list-style-type: none"> • Severity markers to risk-stratify fever syndromes • The diagnostic fever landscape and ongoing studies (at FIND) • MSF’s febrile illness diagnostic program: a multiplex, multi-analyte tool to improve diagnosis of severe febrile illness • Research progress in biomarkers for effective triage for viral and bacterial infections • Protein biomarkers for differentiation of viral and malarial infection during acute pediatric febrile illness in a malaria endemic region of madagascar <p>(20 min per lecture)</p>	<p>Kevin Kain Sabine Dittrich Teri Roberts Jianwei Wang Eustache Paramithiotis</p>
15:30 - 15:45	Panel discussion	
15:45 - 16:15	Coffee break	
16:15 - 16:45	Novel case management strategies including algorithm development and validation	Valérie D’Acremont
16:45 - 16:55	Discussion	
16:55 - 17:15	Causes of non-malarial fever in Laos: a prospective study	Paul Newton
17:15 - 17:25	Discussion	
17:25 - 17:45	The social role of C-reactive protein point-of-care testing to guide antibiotic prescription in Northern Thailand	Marco Haenssgen
17:45 - 17:55	Discussion	
	Day wrap up	
19:00	Dinner	



Scientific programme

Wednesday, January 23rd, 2019

Session 3

Group work: FEVER RESEARCH – WHAT TO PRIORITIZE ?

Chairs: Valerie D'Aacremont & Valentina Picot

8:30 - 8:45	Introduction to group work	
8:45 - 10:00	<p>What is really the ultimate aim in a new study design:</p> <ul style="list-style-type: none">• Improved patient triage and case management to help people to treat locally in resource limited settings (impact)• Better assess burden, build on advocacy and regulation• Understanding where to invest: etiologies, diagnostics, strategies for case management?	3 Working groups (Facilitator / Reporter)
10:00 - 10:30	Coffee break	
10:30 - 11:15	Group restitutions & presentations (15 min per presentation)	Group reporters
11:15 - 11:45	Discussion & next steps Closing Remarks	
12:00	Farewell buffet lunch	

