

Program of the short course at PAMCA Ouagadougou October 2017

Day 1			
Opening Ceremony	Welcome notes	Organizers	08:00 - 08:30
Topics			
Facilitators			
Theme 1: Mosquito biology and control - Vector borne diseases	Basic biology of mosquito vectors	Tovi Lehmann, Abdoulaye Diabate	08:30 - 09:30
	Vector borne diseases	Jonathan Kayondo, Fred Abogaye	09:30 - 10:30
Coffee Break 10:30 - 11:00			
Theme 1: Mosquito biology and control - Vector borne diseases	Current vector control strategies	Mamadou B Coulibaly, Abdoulaye Diabate	11:00 - 12:00
Lunch 12:00 - 13:00			
Theme 2: Background of genetic control of vectors - Gene drive technology	History of genetic vector control	Mark Benedict, Abdoulaye Diabate	13:00 - 14:00
	Basic mosquito genetics	Mamadou B. Coulibaly, Jonathan Kayondo	14:00 - 15:00
Coffee break 15:00 - 15:30			
Theme 2: Background of genetic control of vectors - Gene drive technology	Basic population genetics (inbreeding, Insect colonization)	Frederic Tripet, Fred Abogaye	15:30 - 16:30
End of Day 1			
Day 2			
Theme 2: Background of genetic control of vectors - Gene drive technology	Genetic Transformation	Tony Nolan, Mamadou Coulibaly	09:00 - 10:30
Coffee Break 10:30 - 11:00			
Theme 2: Background of genetic control of vectors - Gene drive technology	Gene drive technology (concept, construction, transformation)	Tony Nolan, Jonathan Kayondo	11:00 - 12:30
Lunch 12:30-13:30			
Stakeholder Engagement	Principles of engagement with stakeholders on the gene drive technologies	Lea Pare Toe	13:30 - 14:30
Stakeholder Engagement	Challenges and opportunities in engaging stakeholders on the gene drive technologies	Lea Pare Toe	14:30-15:30
Coffee Break 15:30 - 16:00			
What are the potential public health benefits that Gene Drive can bring to Africa?	Group 1 oral presentation	Jonathan Kayondo, Tony Nolan	16:00 - 18:00
Day 3			
Ecological considerations	Ecological and Environmental considerations for gene drive technologies	Frederic Tripet, Jonathan Kayondo	09:00 - 10:00
Coffee Break 10:00 - 10:30			
Theme 7: Regulating the gene drive technologies	Regulating the genes drive technologie: Initiatives	Moussa Savadogo	10:30 - 11:30
Theme 7: Regulating the gene drive technologies	Challenges and opportunities in regulating the gene drive technologies	Moussa Savadogo	11:30-12:30
Lunch 12:30-13:30			
Strategic capacity building to support gene drive technology in Africa	Group 2 oral presentation	Abdoulaye Diabate, Tovi Lehmann	13:30-15:30
Coffee Break 15:30 - 16:00			
What are the key elements to address to facilitate a smooth introduction of gene drive in Africa?	Group 3 oral presentation	Lea Pare Toe, Moussa Sawadogo	16:00-18:00
End of Day 3			
Closing Ceremony	Certificates	Organizers	18:00-18:30
	Closing remarks		