

3rd Meeting of the Gene Drive Research Sponsors and Supporters Forum
Le Westin Hotel, Montreal, Canada
September 11-13, 2018

Meeting session locations:

September 11-12, Le Westin Fortifications, 9th floor; September 13, Le Westin St. Jacques, 3rd Floor

Day 1: Tuesday, September 11, 2018 (Le Westin Fortifications, 9th floor)		
11:00 – 11:45 am	Registration (Le Westin Lobby, 3rd floor)	
11:45 – 12:45 pm	Group lunch (Le Westin Mezzanine, 3rd Floor)	
12:45 – 1:15 pm	Welcome and background on the Forum	Paul Lasko, Katherine Littler, Stephanie James
1:15 – 4:00 pm	Current Status of Gene Drive Research	Moderators: Zach Adelman and Lee Hall
1:15 – 1:35	Setting the stage for genetic control of invasive animals in Australia Owain Edwards, CSIRO	
1:35 – 1:55	Gene Drives in Rodents: Progress in Development and Spatial Limitation of Drive Function John Godwin, North Carolina State University	
1:55 – 2:15	Synthetic Genetic Incompatibility for Population Control Mike Smanski, University of Minnesota	
2:15 – 2:35	Understanding the dynamics and behavior of drive systems Kevin Esvelt, Massachusetts Institute of Technology	
2:35 – 2:55	Testing and roll-out of transmission-blocking drives (Transmission Zero: Tanzania) Nikolai Windbichler and George Christophides, Imperial College London	
2:55 – 3:15	Progress towards the development of a gene drive population suppression approach overcoming the development of resistance Andrea Crisanti, Imperial College London	
3:15 – 3:35	Gene drive for malaria control: requirements for success Austin Burt, Imperial College London	
3:35 – 4:00 pm	Coffee Break	
4:00 – 6:00 pm	Current Status of Gene Drive Research (continued)	Moderators: John Godwin and Suresh Subramani
4:00 – 4:20	Digging into mosquito DNA repair pathways to improve gene drive approaches Zach Adelman, Texas A&M University	
4:20 – 4:40	Population modification of mosquitoes for malaria control Rebeca Carballar-Lejarazú, University of California Irvine	
4:40 – 5:00	Safely engineering various classes of gene drives to control a major invasive disease vector, <i>Ae. aegypti</i> John Marshall, University of California, Berkeley	
5:00 – 5:20	Gene drive research at Pirbright Luke Alphey, The Pirbright Institute	
5:20 – 5:40	Development of gene drive systems for control of spotted wing Drosophila and New World screwworm Max Scott, North Carolina State University	
5:40 – 6:00	Behavioral Responses to Biotechnology Brandon McFadden, University of Delaware	
6:00 – 6:30 pm	General discussion	Facilitator: Paul Lasko
7:00 pm	Researchers, and Sponsors and Supporters Cocktails and Food Stations Reception (Le Westin Reporter Bar - 3rd Floor)	

Day 2: Wednesday, September 12, 2018 (Le Westin Fortifications, 9th floor)		
7:30 – 8:30 am	Breakfast (Le Westin Mezzanine, 3rd Floor)	
8:30 – 10:00 am	Updates on Issues around Global Governance of Gene Drive Technologies	Discussants: Heath Packard, Isabelle Coche, Heather Browett, Owain Edwards, Jeremy Ouedraogo
10:00 – 10:30 am	General discussion	Facilitator: Claudia Emerson
10:30 – 11:00 am	Coffee Break	
11:00 am – 1:00 pm	Data Sharing and Transparency Issues	Discussants: Katherine Littler, Heather Browett
1:00 – 2:00 pm	Lunch (Le Westin Mezzanine, 3rd Floor)	
2:00 – 2:20 pm	Intellectual Property – Introduction to the Issues	Discussants: Katherine Littler and Scott Miller
2:20 – 2:45 pm	General discussion	Facilitator: Katherine Littler and Scott Miller
2:45 – 3:30 pm	Reflection on Next Steps	Facilitator: Stephanie James
3:30 -3:45 pm	Summary of Actions and Adieu to Research Groups	Facilitator: Paul Lasko
3:45 – 4:15 pm	Coffee break	
4:15 – 4:30 pm	Welcome Gene Drive Research Sponsors and Supporters organizations	Paul Lasko, Katherine Littler, Stephanie James
4:30 – 5:00 pm	Reflections on State of the Science	Facilitator: Paul Lasko
5:00 – 6:00 pm	Discussion on Options for November CBD Meeting	Facilitators: Heath Packard, Isabelle Coche
7:00 – 9:00 pm	Sponsors and Supporters Group Dinner Vieux-Port Steakhouse (39, rue St-Paul Est, Vieux-Montréal, Québec H2Y 1G2; www.vieuxportsteakhouse.com)	
Day 3: Thursday, September 13, 2018 (Le Westin St. Jacques, 3rd Floor)		
7:00 – 8:00 am	Breakfast (Le Westin Mezzanine, 3rd Floor)	
8:00 – 10:00 am	Toward Operationalizing the <i>Principles for Gene Drive Research</i>	
	8:00 – 9:30	Data Sharing and Transparency Working Group: Data Sharing and Research Registry Efforts Moderators: Katherine Littler, Heather Browett, Renee Wegrzyn
	9:30 – 10:00	Transparency Statement Moderator: Claudia Emerson
10:00 – 10:30 am	Coffee break	
10:00 – 12 noon	Toward Operationalizing the <i>Principles for Gene Drive Research</i> (continued)	
	10:30 – 11:00	Research/Technical Capacity Strengthening Working Group Moderator: Renee Wegrzyn
	11:00 – 11:30	Regulatory Capacity Strengthening Working Group Moderator: Karen Tountas
	11:30 – 12:00	Stakeholder Engagement Working Group Moderator: Karen Tountas
12:00 – 1:00 pm	Lunch (Le Westin Mezzanine, 3rd Floor)	
1:00 – 1:45 pm	Suggestions for New Activities or Ways of Working	Facilitator: Stephanie James
1:45 – 3:00 pm	Formalizing the Forum	Facilitators: Stephanie James, Katherine Littler, Jeff Chertack
3:00 – 3:30 pm	Summary of Actions, Final Comments and Adjourn	Facilitator: Stephanie James