



Michael Singer



Thomas Onchuru



Ben Matthews



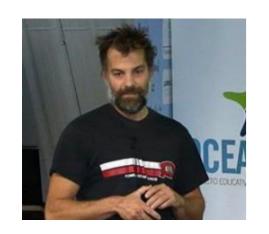
Francois de Sales Hien



Emmanuelle Jacquin-Joly



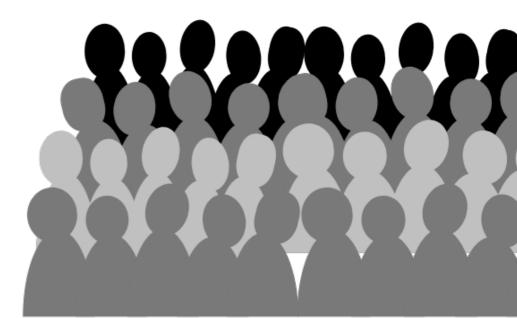
Thierry Lefevre



Patrik Nosil



Nicolas Rode



Vector Revolution III

12:30 NCH



Olivier Roux

Katia Grucker

15:20 - 15:50 COFFEE BREAK



Valerie Delplanque



Nil Rahola







WILDING



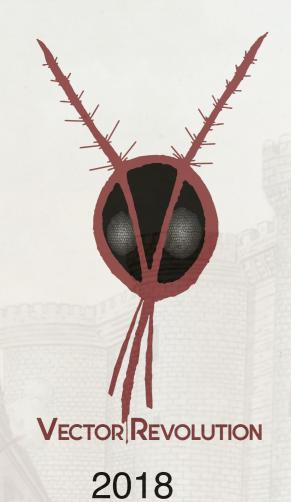




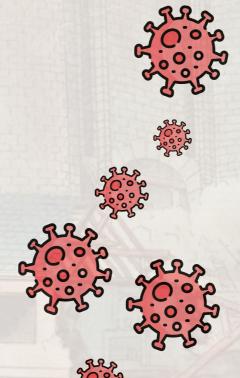








A SYSTEM IN EVOLUTION







2019

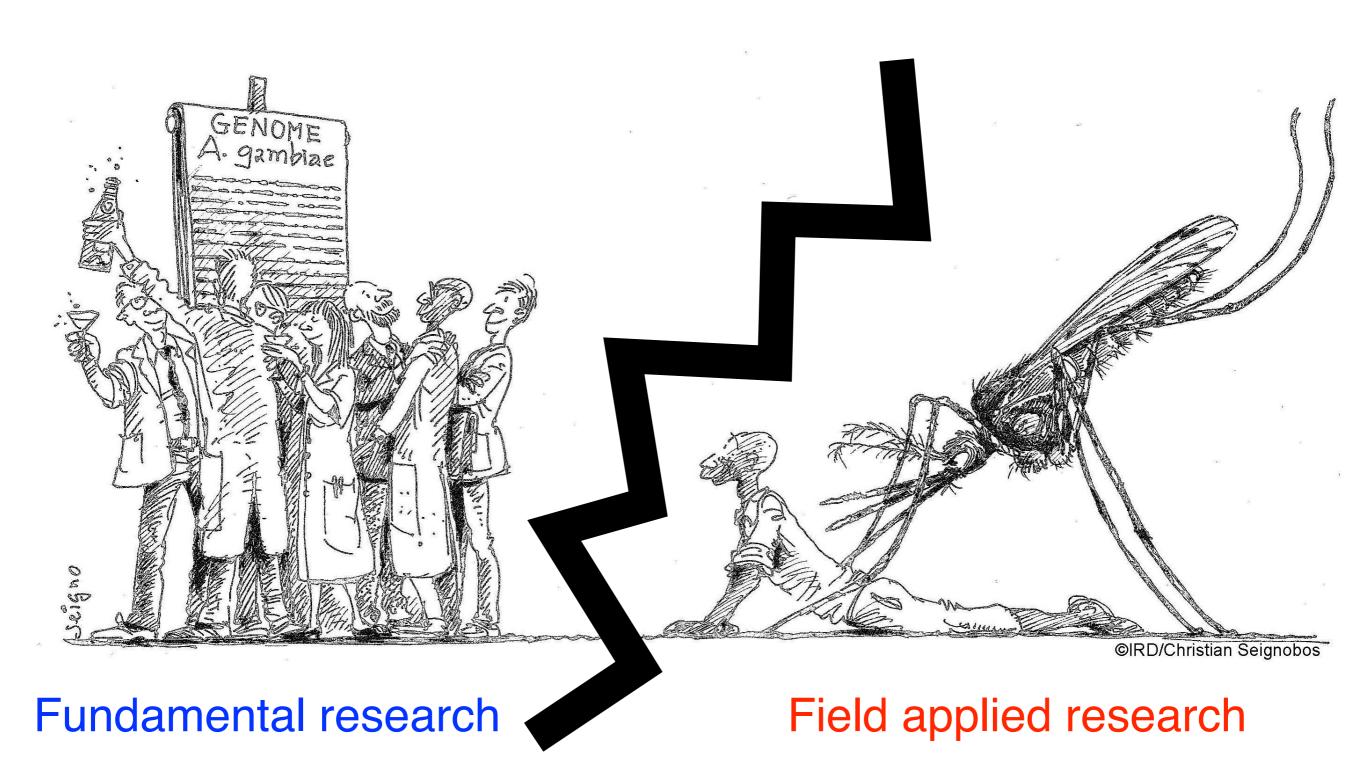
VECTOR REVOLUTION -

ECOLOGY AND EVOLUTION IN THE URBAN JUNGLE

2022

TO CHOOSE OR NOT TO CHOOSE, THAT'S THE QUESTION

From the field, to the lab From the South, to the North



Our AIM

Building bridges between vectorial and evolutionary systems





To choose or not to choose, that's the question



You are capable of more than you know. Choose a goal that seems right for you and strive to be the best, however hard the path. Aim high. Behave honorably. Prepare to be alone at times, and to endure failure. Persist! The world needs all you can give.

E. O. Wilson

I, not events, have the power to make me happy or unhappy today. I can choose which it shall be. Yesterday is dead, tomorrow hasn't arrived yet. I have just one day, today, and I'm going to be happy in it.

Groucho Marx

An artist must be free to choose what he does, certainly, but he must also never be afraid to do what he might choose.

Langston Hughes

The most important thing is, whatever you do decide to choose, take it seriously and do your best.

Tom Sturridge

If we choose, we can live in a world of comforting illusion.

Noam Chomsky



Thomas S. Monson

Choose a job you love, and you will never have to work a day in your life.

Unknown

Not everyone gets to be a winner unless they choose to be. Winning is a mentality.

Valentin Chmerkovskiy

I choose my friends for their good looks, my acquaintances for their good characters, and my enemies for their intellects. A man cannot be too careful in the choice of his enemies.

Oscar Wilde

Choose rather to be strong of soul than strong of body.

Pythagoras

Be nice to your children. After all, they are going to choose your nursing home.

Steven Wright

One must choose in life between boredom and suffering.

Madame de Stael

You can't choose your family, but you can choose your friends.

Scott Hall

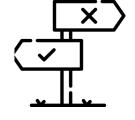
Scott Hall

If you choose not to decide, you still have made a choice.

you office to decide, you can have the

Neil Peart



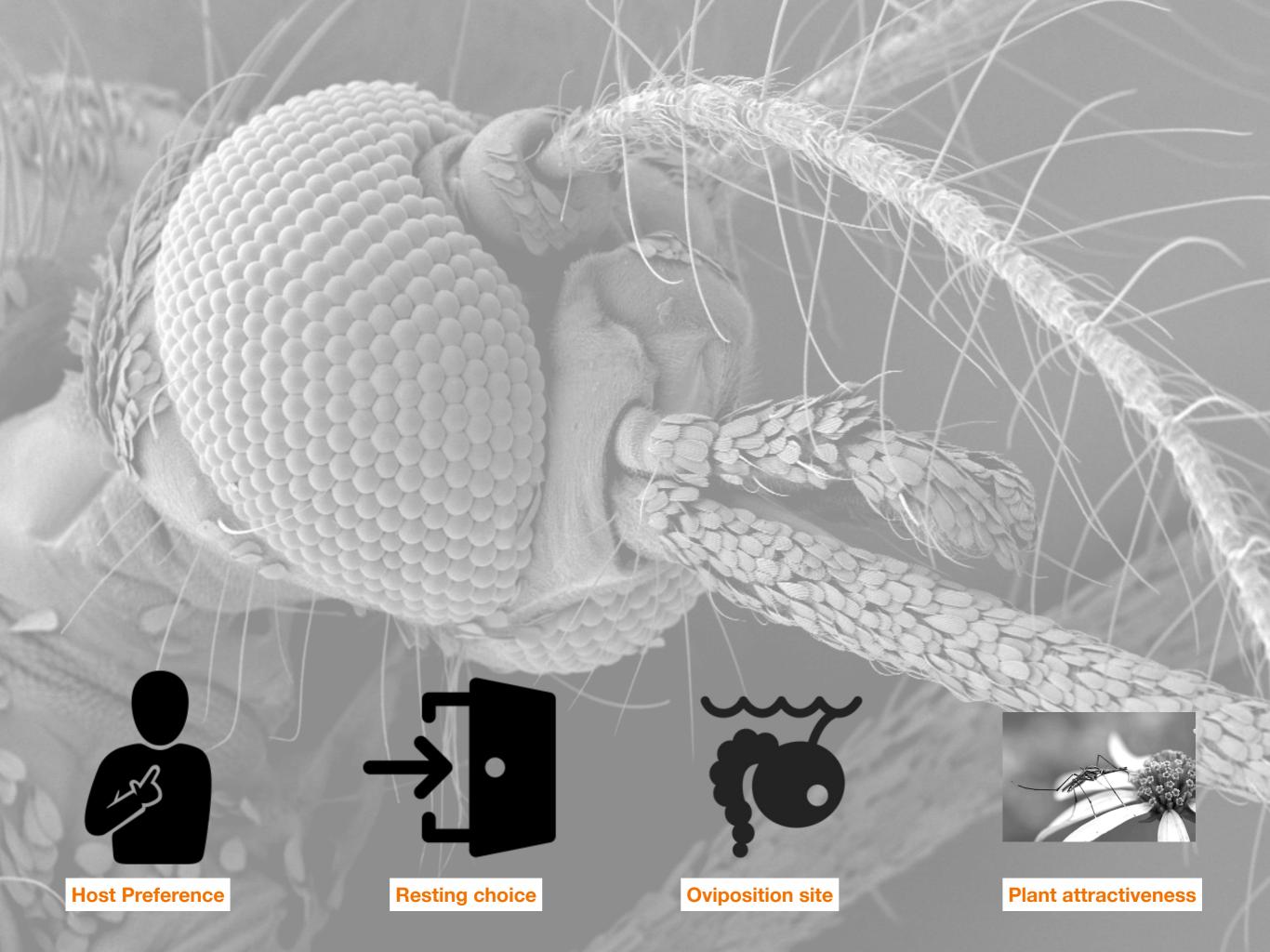














Vector Revolution III

Building bridges between vectorial and evolutionary systems



Theme: "To choose or not to choose, that is the question"

AGROPOLIS, Montpellier, France

December 14th, 2022

9:00 – 9:20 Diego Ayala, Meeting Presentation & Objectives

9:20 – 10.00 Michael Singer (CNRS, France)

Butterfly oviposition preference: its complexity, its dimensionality and its observed evolution in nature.

10:00 - 10:40 Patrick Nosil (CEFE, France)

Predicting change in complex eco-evolutionary systems

10:40 - 11:10 COFFEE BREAK

11:10 - 11:50 Thierry Lefèvre (MIVEGEC, France)

Field evidence for manipulation of mosquito host choice by the human malaria parasite

11:50 – 12:30 Benjamin Matthews (University of British Columbia, Canada)

Oviposition behavior in the mosquito *Aedes aegypti*

12:30 - 14:00 LUNCH

14:00 – 14:40 Francois Hien de Salle (IRSS, Burkina Faso)

Role of natural sugar sources and antimalarial molecules on malaria transmission

14:40 – 15:20 Emmanuelle Jacquin-Joly (IEES, France)

To choose or not to choose a good mate: evolution of sex pheromone receptors in moths

15:20 - 15:50 COFFEE BREAK

15:50 - 16:30 Thomas Onchuru (ICIPE, Kenya)

Interaction dynamics between a malaria transmission-blocking symbiont and its *Anopheles* host

16:30 – 17:10 Nicolas Rode (CBGP, France)

Rapid and transient evolution of local adaptation to seasonal host fruits in the invasive pest *Drosophila suzukii*

17:20 – 17:40 Olivier Roux, Final Remarks & Meeting Closure

Funding:





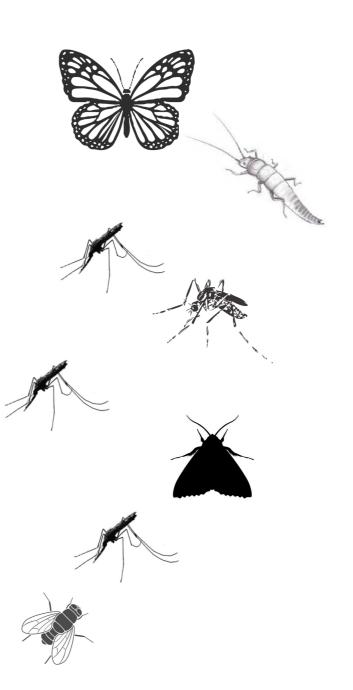




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Welcome to **VECTOR** REVOLUTION

