



BLAVATNIK INSTITUTE
GENETICS



DROSOPHILA RESEARCH AND TRAINING CENTRE, BASORUN, IBADAN, NIGERIA

IN COLLABORATION WITH PROFESSOR NOBERT PERRIMON'S LABORATORY, HARVARD MEDICAL SCHOOL, USA AND PROFESSOR ROSS CAGAN'S LABORATORY UNIVERSITY OF GLASGOW, UK

PRESENTS
VIRTUAL WORKSHOP ON

DROSOPHILA GENETICS AND GENOMICS

DATE: 17 FEBRUARY 2023

TIME:

9:00AM TO 12 NOON
(U.S. EASTERN STANDARD TIME).

3:00PM TO 6:00PM
(WEST AFRICA TIME).

REQUIREMENTS

- **REGISTRATION IS REQUIRED FOR PARTICIPATION.**
- **CERTIFICATES OF PARTICIPATION WILL BE PROVIDED**
- **SELECTION CRITERIA: Post Graduate Students, Lecturers, Researchers etc. currently working with *Drosophila melanogaster* or who intend to use the model for research will be given selection priority.**

Registration Link:

<https://forms.gle/8w6GyvLyX2XohvSP7>

SPEAKERS



DR. STEPHANIE MOHR
(HARVARD MEDICAL SCHOOL & DRTC)



DR. MATTHEW BUTNARU
HARVARD MEDICAL SCHOOL



PROFESSOR ROSS CAGAN
(UNIVERSITY OF GLASGOW & DRTC)



DR. JONATHAN ZIRIN
HARVARD MEDICAL SCHOOL



DR. AFRODITI PETAKOU
HARVARD MEDICAL SCHOOL



DR. AMOS ABOLAJI
(UNIVERSITY OF IBADAN & DRTC)

PROGRAM SCHEDULE

1. OPENING REMARKS (5-MINUTE)

2. STEPHANIE MOHR, "BIOINFORMATICS RESOURCES FOR DROSOPHILA HUMAN DISEASE-RELATED RESEARCH" (15-MINUTE PRESENTATION, 10 MINUTES FOR QUESTIONS)

3. MATTHEW BUTNARU, "GENOME-WIDE CRISPR SCREENING IN CULTURED DROSOPHILA CELLS" (20-MINUTE PRESENTATION, 10 MINUTES FOR QUESTIONS)

4. JONATHAN ZIRIN, "STATE-OF-THE-ART CRISPR/CAS TECHNOLOGIES FOR IN VIVO STUDIES IN DROSOPHILA" (20-MINUTE PRESENTATION, 10 MINUTES FOR QUESTIONS)

5. AFRODITI PETAKOU, "USING DROSOPHILA IN VIVO ASSAYS TO UNCOVER DISEASE-RELEVANT MECHANISMS" (20-MINUTE PRESENTATION, 10 MINUTES FOR QUESTIONS)

6. ROSS CAGAN AND AMOS ABOLAJI, "GENERATING DROSOPHILA DISEASE MODELS BASED ON AFRICAN GENOMICS: CHALLENGES AND PROSPECTS" (15-MINUTE PRESENTATION, 10 MINUTES FOR QUESTIONS)

7. CLOSING REMARKS (5 MINUTES)

CONTACT

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