

CONFERENCE PROGRAM (29-31 OCTOBER, 2025)

JOINT KIPRE SESSION

WEDNESDAY OCTOBER 29, 2025

0:800-0:900 Registration

09:00-09:05 Welcome KIPRE- Director General, Dr Peter Mwethera

09:05-09:10 KIPRE Board Chair Prof Josephat Mulimba

09:10-09:20 Mary Muthoni HSC - Principal Secretary, State Department for Public Health and Professional Standards

09:20-09:40 CS - Hon Aden Duale EGH, Cabinet Secretary, Ministry of Health

9:40-10:10 **Keynote Talk 1:** Prof Jann Hau

10:10-10:30 **Keynote Talk 2:** Prof Geoffrey Wahungu

10:30-10:50 Health Break

Primate Behavior, ethics and medicine (AAALAC)

Dr Daniel Chai & Dr Janet Mwadime

10:50-11:20 **Keynote Talk 2:** Prof Steven Shapiro

11:20-11:40 **Talk 1:** Ms Theresa Nyawira

11:40-12:00 **Talk 2:** Dr Benson Kibore

12:00-12:20 **Talk 3:** Dr Yasmina Paramastri

12:20-12:40 **Talk 4:** Prof Susan Alberts

12:40-13:00 **Talk 5:** Dr Mercy Akinyi

13:00-13:10 Round table discussion

13:10-14:00 Lunch Break

One Health: Emerging and re-emerging infectious diseases

Dr Joseph Kamau & Dr Mercy Akinyi

14:00-14:30 **Keynote Talk 3:** Dr Isaac Ngere

14:30-14:50 **Talk 6:** Dr James Hassell

14:50-15:10 **Talk 7:** Dr Geoffrey Siwo

15:10-15:30 **Talk 8:** Prof Salome Bukachi

15:30-15:50 **Talk 9:** Prof Stephanie Seifert

15:50-16:10 **Talk 10:** Dr Joseph Kamau

16:00- 16:10 Round table discussion

16:10-16:30 Health Break

Research and Development Initiatives in Reproductive Health and Infectious Diseases

Dr Ruth Nyakundi & Dr Atunga Nyachieo

16: 30-17:00 **Keynote Talk 4:** Prof Niroshini Nirmalan ([online](#))

17:00-17:20 **Talk 11:** Dr Lucy Ochola

17:20-17:40 **Talk 12:** Prof Tony Perry

17:40-18:00 **Talk 13:** Dr Jorum Kirundi

18:00-18:10 **Talk 14:** Dr. Almas Juma

18:10-18:30 Closing remarks

18:30-

COCKTAIL

JOINT CONFERENCE PROGRAM**THURSDAY, OCTOBER 30, 2025**

07:00 - 08:00 Onsite registration/ Exhibition setup

08:00 -09:00 Welcome remarks by Director General KIPRE, Dr Peter Mwethera, MKU Vice Chancellor Prof Deogratius Jaganyi and AIBBC Chairman, Collins Ouma

9:00 - 9:30 **Plenary Talk 1:** Dr Peter Mwethera (Director General, KIPRE)9:30-10:00 **Plenary Talk 2:** Prof Jerome Kim (Director General of International Vaccine Institute)

10:00-10:30 Health Break

PARALLEL SESSION I
Immunology of parasitic infections and progress
in vaccine development
Venue: Room A
Chairs: Dr Bernard Kanoi/ Dr Lucy Ochola

PARALLEL SESSION II
Advances in biomedical, diagnostic and therapeutic
technologies

Venue: Room B
Chairs: Dr Evans C. Egwim/ Dr Ruth Nyakundi

10:30-10:50 **Keynote Talk 5:** Prof Faith Osier**Keynote Talk 7:** Prof Hiromi Miyoshi10:50-11:10 **Keynote Talk 6:** Dr. Bernard Kanoi**Keynote Talk 8:** Prof Takahiro Nitta11:10-11:25 **Talk 14:** Dr Mtakai Ngara (**online**)**Talk 19:** Dr. Ahmad Saleem Akhta11:25-11:40 **Talk 15:** Dr Brenda Okech (**online**)**Talk 20:** Dr Ruth Nyakundi11:40-11:55 **Talk 16:** Dr Rebecca Ayako**Talk 21:** Prof Clement Shiluli11:55-12:10 **Talk 17:** Dr Sarah Kituyi**Talk 22:** Dr Masashi Yamazaki12:10-12:30 **Talk 18:** Dr Barthlomew Ondigo**Talk 23:** Dr Laud Anthony Basing**12:30-13:30 Lunch Break**13:30-14:00 **Plenary Talk 3:** Prof Susanne Rensing (Kansas University, USA, ONLINE)
Chair: Dr. Mercy Akinyi Venue: ROOM A

14:00-15:00 YOUNG INVESTIGATORS SESSION 1 (selected from abstracts)
Chairs: Dr. Clare Njoki / Mary Kioko
Venue: Room A

14:00-14:10 Atin Dewan

14:10-14:20 Haripriya Sakthivel

14:20-14:30 Harrison K. Waweru

14:30-14:40 Douglas Gifu

14:40-14:50 Patrick Wakaba

14:50-15:00 Racheal Kimani

15:00-16:00 POSTER SESSION (Poster evaluation for Best Poster Award Prize)

16:00-16:30 Health Break

16:30-17:35

PARALLEL SESSION III:
NTDs, diagnostics and therapeutics
Chairs: Dr George Omondi/Dr Sarah Kituyi
Venue: Room A

PARALLEL SESSION IV:
Climate change and its impact on ecosystem & health
Chairs: Dr Stan Kivai/ Dr Protus Omondi
Venue: Room B

16:30-16:45 **Keynote Talk 9:** Prof Ymkje Stiniestra

Keynote Talk 11: Dr Stanislaus Kivai

16:45-17:00 **Keynote Talk 10:** Prof Nicholas Casewell (**online**)

Talk 27: John Lenguya

17:00-17:10 **Talk 24:** Dr Wykcliff Omondi

Talk 28: Dr. Wataru Kagaya (**online**)

17:10-17:20 **Talk 25:** Dr George Omondi

Talk 29: Dr Peter Fundi

17:20-17:35 **Talk 26:** Dr. Paul Mireji

17:35-18:55

PARALLEL SESSION V:
Genomics, Bioinformatics and AI in biomedical research
Chairs: Dr Mercy Akinyi / Dr Steven Ger Nyanjom
Venue: Room A

PARALLEL SESSION VI:
Drug development and AMR mitigation strategies
Chair: Atunga Nyachio/ Dr Stella Irungu
Venue: Room B

17:35-17:55 **Keynote Talk 12:** Prof Isabella Oyier

Keynote Talk 13: Dr Atunga Nyachio

17:55-18:10 **Talk 30:** Dr Farhad Zamani

Talk 34: Dr Mohammed Balogun

18:10-18:25 **Talk 31:** Dr Nina Billows (**online**)

Talk 35: Dr. Ben Chan

18:25-18:40 **Talk 32:** Dr Oluafemi Oluwole (**online**)

Talk 36: Dr Dishon Muloi

18:40-18:55 **Talk 33:** Dr Christian Nsanzabana

Talk 37: Dr Jael Obiero (**online**)

END OF DAY 1

FRIDAY October 31, 2025

JOINT CONFERENCE PROGRAM

8:00 – 8:30 **Onsite registration and networking**

8:30-9:00 **Plenary Talk 4:** Prof. Tom Kariuki (Science for Africa foundation)
Chair: Peter Mwethera

9:00-9:30 **Plenary Talk 5:** Prof Kim Young (Purdue University)
Chair: Prof. Collins Ouma

9:30-10:00 **Plenary Talk 6:** Dr Javier Guillen (AAALAC International)
Chair: Dr Daniel Chai

10:00-10:30 Health Break

PARALLEL SESSION VII:
Flow cytometry and clinical applications
Chair: Dr Lucy Ochola/ Prof Hemant Agrawal
Venue: Room A

PARALLEL SESSION VIII:
Prevention and management of NCDs
Chair: Dr Ngalla Jillani/ Dr. Jesse Gitaka
Venue: Room B

10:30-10:50	Keynote Talk 14: Dr William Telford	Keynote Talk 17: Prof Margaret Oluka
10:50-11:10	Keynote Talk 15: Prof Hemant Agrawal	Keynote Talk 18: Prof Stuart Baker (online)
11:10-11:30	Keynote talk 16: Prof Andrea Cosarrizza (online)	Talk 42: Dr Peter Waweru
11:30-11:45	Talk 38: Dr Magaret Mbuchi	Talk 43: Dr Fakelia Guyton (online)
11:45-12:00	Talk 39: Dr Daniel Muema	Talk 44: Dr Clare Njoki
12:00-12:15	Talk 40: Mr Newton Kimiywi (Beckman Coulter)	Talk 45: Dr. Liza Löf
12:15-12:30	Talk 41: Prof Kennedy Okeyo	Talk 46: Dr. Frida Ekholm

12:30-13:30 **Lunch Break**

13:30-14:30 **POSTER SESSION (Poster evaluation for Best Poster Award Prize)**

PARALLEL SESSION IX
Empowering biomedical research in Africa
Chairs: Dr. Jesse Gitaka/ Dr Mwangi Kareri
Venue: Room A

PARELLEL SESSION X
New insights into HIV and Viral infections
Chairs: Dr Eddy Odari/ Dr Clement Shiluli
Venue: Room B

14:30-14:50	Keynote Talk 19: Prof Charles Egwim	Keynote Talk 21: Prof Guido Poli
14:50-15:10	Keynote Talk 20: Prof Jesse Gitaka	Keynote Talk 22: Dr. Marianne Mureithi
15:10-15:30	Talk 47: Prof Carla Rothlin (online)	Talk 49: Prof Thomas Hope
15:30-15:50	Talk 48: Dr Jeremiah Gathirwa	Talk 50: Dr Steven Kyalo Kanyiva

15:50-16:10 **Health Break**

16:10-17:10 **YOUNG INVESTIGATORS SESSION 2 (selected from abstracts)**
Chairs: Dr. Rachael Kimani/ Martin Omondi
Venue: Room A

16:10-16:20	Protus Okwato Omondi
16:20-16:30	Shamim Wanjiku Osata
16:30-16:40	Samuel M. Ng'ang'a
16:40-16:50	Grace Stephen Okicha
16:50-17:00	Charles Kivasu
17:00-17:10	Winnie Kulei

17:10-18:15

JOINT SESSION XI- Advances in Precision Medicine and Frontier Therapeutics
Chairs: Dr. Kennedy Okeyo (Purdue Univ./Jackson Laboratory)/ HFSP sponsorship
Venue: Room A

17:10-17:15

SPONSOR TALK 16: Dr Toshiharu Miwa (Hitachi Ltd. Japan, [online](#))

17:15-17:35

Keynote Talk 23: Dr. Hiroko Hanzawa (Hitachi Ltd)

17:35-17:55

Keynote Talk 24: Prof. Masood Kamali-Moghaddam (Uppsala University)

17:55-18:05

Keynote Talk 25: Prof. Jakob Skou Pedersen, Aarhus University, Denmark)

18:05-18:20

Keynote Talk 26: Prof Douglas J Perkins ([online](#))

18:30-19:00

Awards and closing ceremony (ROOM A)

19:00-24:00

COCKTAIL DINNER