

NANO4YOUTH Programme

Date: 28 June 2021 **Time:** 12h00-15h00 SAST

Facilitator: Steven Mufamadi **Moderators:** Banele Methula and Bafedile Phorah

Time	Topic	Speaker
12:00-12:05	Opening and Welcome	Banele Methula Nabio Consulting
12:05-12:10	Brief background of the Nano4Youth seminar	Thapelo Maseko Nabio Consulting
12:10-12:25	Evolution on Nanomedicine	Nhlanhla Maluleke Nabio Consulting
12:25-12:40	The Antimicrobial and Anti-inflammatory effects of metallic nanoparticles synthesized from indigenous South African plants	Carolina Tyavambiza University of Western Cape
12:40-12:55	Transforming paediatric HIV treatment through nanofomulations	Tapiwa E. Manyarara University of Zimbabwe
12:55-13:10	In-vitro evaluation of drug loaded polymeric nanoparticles for the management of HIV-1/HSV-2 co-infection	Obisesan Oluwafemi, North-West University
13:10-13:25	Q&A	Mpho Ngoepe University of South
13:25-13:40	The green synthesis of silver nanoparticles using medicinal plants traditionally used in Zimbabwe	Shingirayi Zengeni University of Zimbabwe
13:40-13:55	Immunocompatibility and biomedical applications of Mxenes	Lucia Maschio University of Padua
13:55-14:10	The potential role of nanomedicine in delivering small molecules with clinical limitations: Insights from experimental and computational studies	Daniel M. Shadrack St. John's University of Tanzania
14:10-14:25	Nanotechnology for wound healing	Akash Patel Los Angeles
14:25-14:40	Graphene and other 2D nanomaterials impact on the immune system: toward nanoimmunity-by-design	Marco Orecchioni La Jolla Institute for Immunology
14:40-14:55	Q&A	Mpho Ngoepe University of South Africa
14:55-15:00	Closing Remarks and Vote of thanks	Dineo Bopapi University of Limpopo

