

- [Cell and Developmental Biology](#)
- [Public Health & Epidemiology](#)
- [Microbiology, Virology, and Immunology](#)

<b>Cell and Developmental Biology</b>			<b>Moderator:</b>	<b>Natoya Peart</b>
3:00 PM	to 3:20 PM	Marishia Agard		Examining the physiological role of tachykinins on the <i>Drosophila melanogaster</i> malpighian 'renal' tubules
3:20 PM	to 3:40 PM	Jeffrey Hyacinthe		Transposable elements regulate cell function through cell type specific epigenome associations
3:40 PM	to 4:00 PM	Sasha McDowell		A molecular mechanism for high salt taste in <i>Drosophila</i>
4:00 PM	to 4:20 PM	Kimberley D. Gauthier		Sac1, a PI4P phosphatase, maintains epithelial integrity during <i>Drosophila</i> dorsal closure
4:20 PM	to 4:40 PM	Shane Taylor		Manf: a protector of neuronal health andm longevity
4:40 PM	to 5:00 PM	Lightning talks	Natoya Peart	Mechanisms of RNA processing in modulating cell identity
			Tracy Alice Apienti	Understanding early skeletal development in the embryonic eye of precocial birds

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Public Health and Epidemiology		Moderator:	Yasmine Elmi	
3:00 PM	to 3:20 PM	Fardowsa Yusuf	The association between diabetes and excessive daytime sleepiness among american adults	
3:20 PM	to 3:40 PM	Toyib Olaniyan	Mortality inequalities of Black adults in Canada	
3:40 PM	to 4:00 PM	Laure Carole Momo Djonjue	Une étude de la COVID-19 et des lignes directrices de santé publique basées sur les connaissances, attitudes, comportements.	
4:00 PM	to 4:20 PM	Blessing Ogbuokiri	Identifying COVID-19 vaccine hesitancy hotspots in Nigeria: analysis of social media posts	
4:20 PM	to 4:40 PM	Olayinka Arimoro	Depression in epilepsy: Same questions, but different meanings to different people	
4:40 PM	to 5:00 PM	Lightning talks	Yasmine Elmi	The transformative impact on adolescents in Bauchi state Nigeria of making cellphilms about their sexual and reproductive health
			Ramona Kyabaggu	The CHIA Project: Extended Reality, Intercultural Communication, and the Future of Healthcare in the Metaverse
			Chinyere Nwafor-Okoli	One health surveillance: a systematic review
			Taylor Cargill	The coordination of COVID-19 decisions across Canadian post-secondary schools

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Microbiology, Virology, and Immunology		Moderator: <b>Zakee Sabree</b>	
3:00 PM	to 3:20 PM	Jonathan Burnie	Screening the surface of HIV for cellular proteins using novel methods in flow virometry
3:20 PM	to 3:40 PM	Meea Fogal	Optimizing CRISPR-based transcriptional gene regulation tools for <i>C. albicans</i>
3:40 PM	to 4:00 PM	Sabelo Lukhele	Interferon regulatory factor 2 drives interferon-mediated immune suppression to restrict anti-tumor immunity
4:00 PM	to 4:20 PM	Maya George	Using a prefractionation approach to unveil the true biosynthetic potential of soil bacteria for antimycobacterial drug discovery
4:20 PM	to 4:40 PM	Tyanna Supreme	Defining innate immune cell mechanisms upon helicobacter pylori mediated tumorigenesis.
4:40 PM	to 5:00 PM	Lightning talks	Emmanuel Alimo Antibody affinity modification in the gut of zebrafish
		Lightning talks	Zakee Sabree Modeling microbial influences on animal growth and development
		Lightning talks	Jehoshua Sharma Investigating gut commensals for antivirulence compounds that attenuates morphogenesis in the fungal pathogen candida albicans.