



Innovation Through Research **Inaugural Symposium**

8:30 am: Registration / Breakfast

8:55 am: Sponsor Recognition

9:00 am: Opening Remarks: Marc Baum PhD, President/CEO

9:15 am: Cars, Rings, and Other Things: Two Decades of Oak Crest Research: John Moss PhD,
Senior Faculty

9:30 am: Bench to Bedside: Impact of Oak Crest Research on Human Health: Peter Anton MD,
Chief Medical Officer

9:45 am: Research Presentations

10:30 am: Poster Presentations and Expo

11:15 am: Keynote Lecture: **Jerome Zack PhD**, Professor and Chair,
Microbiology, Immunology and Genetics. Professor, Medicine.
Director, UCLA Center for AIDS Research. Co-Director, UCLA AIDS Institute

12:15 pm: Lunch

1:30 pm: Startup Incubation Powered by Oak Crest and Newton World Enterprises: Christopher Buser PhD,
Senior Faculty

1:45 pm: Oak Crest Serving the Local Community: Paul Webster PhD, Senior Faculty

2:00 pm: The Rose Hills Foundation Fellows' Presentation: Session 1

2:30 pm: Session Break

2:45 pm: The Rose Hills Foundation Fellows' Presentations: Session 2

3:15 pm: Concluding Remarks - Marc Baum PhD, President/CEO

June 20th 2019

8:30 am - 4:00 pm



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Research Presentations

9:45 am: John Cortez, Destiny Cambero & Christopher Polanco: Advanced Microscopy Methods

10:00 am: Sofia Rivera: Survey of Bacterial Diversity in Vaginal Fluid Samples from HIV-infected South African Women

10:15 am: Amalia Castonguay: From Instrument Data to Biologically Relevant Pathways

Poster Presentation

Simonne Jovic: Reduction and Condensation of Organic Compounds via Green Rust Minerals

Mariana Remedios-Chan: Biodegradation of Fats, Oils, and Grease (FOG)

Irina Butkyavichene: A Pod-intravaginal Ring Delivering an Antiretroviral Combination for HIV Pre-exposure Prophylaxis

John Cortez: Study of vaginal epithelial cell transporters within the general population

Matteen Maroofian: The Expression of Leukotriene-Synthesizing Enzymes in Adenoid Tissue in Children

Simon Webster: Bioassays with *in-situ* Mammalian Cell Culture Systems

Christopher Polanco: Visualization of Cytoskeletal Structures in Detergent Extracted Kidney Cells by Atomic Force and Scanning Electron Microscopy

Patricia Galvan: From Sample Preparation to Bioanalysis: Extraction and Detection of Antiretroviral Drugs from Complex Biological Matrices



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The Rose Hills Foundation Fellows' Presentations

2:00 pm: Mapping the Chemistry of the Carbon Dioxide Radical Anion to Produce Valuable Organic Compounds
Cassandra Decosto & Aryan Tan



2:15 PM: Assessing the Toxicity of Natural Products from Genus Euphorbia Using Mammalian Cell Culture
Yarenni Reyes & Carlos Rojas



2:30 pm: Session Break

2:45 pm: *Pseudomonas putida*'s Production of Crystal-like Structures in Culture
Jean Sabety & Danny Rodriguez



3:00 pm: Examination and Comparison of Vaginal Fluid Samples Using AFM, TEM, SEM
Jaime Oh & Christina (Xinfei) Miao



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