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|  | **Agricultural Biotechnology Symposium****Convention Center, Plaza America, Varadero.** |
| **Session/ Tuesday April 2** |
| **Chairman: Alina Rodriguez Mallon PhD & PhD. Lincidio Pérez Sánchez** |
|  |  | **Speakers** | **Institution** | **Country** | **Modality** |
| 09:00 | 09:05 | PhD. Mario Pablo Estrada. Agrobiotec Research Director. Welcome  | Center for Genetic Engineering and Biotechnology | Cuba |  |
| 09:05 | 10:00 | Professor Amine A. Kamen. Successful veterinary Adeno-Vectored Vaccines deployment to support the One Heath concept. | Department of Bioengineering, McGill University | Canada | **Key lecture** |
| 10:05 | 10:30 | PhD Alina Rodriguez Mallón. Veterinary Vaccines focus in one health program. | Center for Genetic Engineering and Biotechnology | Cuba | Conference |
| 10.30 | 11.00 | PhD. Carlos Duarte Cano. Porvac® subunit vaccine, a promising tool to eliminate classical swine fever in endemic regions. | Center for Genetic Engineering and Biotechnology | Cuba | Conference |
| 11:00 | 11:20 | **Coffee break** |
| 11:20 | 11:50 | PhD. Glay Chinea Santiago. Exploring the Chimeric Antigen E2CD154: A Hexameric, Flexibly-Structured Nano protein in the PORVAC Vaccine - Insights from Structural Bioinformatics. | Center for Genetic Engineering and Biotechnology | Cuba | Conference |
| 11:50 | 12:20 | PhD. Thailin Lao. Fast transient expression of heterologous protein in mammalian cells in suspension | Center for Genetic Engineering and Biotechnology | Cuba | Conference |
| 12:20 | 12:50 | PhD. Aníbal Domínguez Odio. Past, present and future of classical veterinary vaccines: contributions to animal health in Cuba | LabioFarm | Cuba | Conference |
| 12:50 | 13:20 | Lic. Anaily Avila. Rabbit hemorrhagic diseases in Cuba. Goals for prevention | Center for Genetic Engineering and Biotechnology | Cuba | Conference |
| 13:20 | 13:50 | Lic. Itamys C García Villar. Biologicals for veterinary use: Commitment, challenges and realities | Center for the Production of laboratories animal | Cuba | Conference |
|  |  | **Lunch** |

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| **Session / Wednesday, April 3**  |
| **Chairman: Mario P. Estrada PhD & Atilio Castagnaro PhD.** |
|  |  | **Speakers** | **Institution** | **Country** | **Modality** |
| 09:00 | 10:00 | PhD. Mario P. Estrada. Challenge for the food production. The Agricultural Biotechnology role. | Center for Genetic Engineering and Biotechnology | Cuba | **Key Lecture** |
| 10:00 | 10:30 | PhD. Carmen Menendez, Recombinant production of sucrose-transforming enzymes in Pichia pastoris for use in the food industry | Center for Genetic Engineering and Biotechnology | Cuba | Conference |
| 10:30 | 11:00 | PhD. Duniesky Martinez Garcia, Biocatalysts based on sucrose: sucrose 1-fructosyltransferase for prebiotics production. | Center for Genetic Engineering and Biotechnology | Cuba | Conference |
| 11:00 | 11:20 | **Coffee break** |
| 11:20 | 11:50 | PhD. Atilio Castagnaro. Annuit SA: A sustainable business model based on biotechnological solutions in collaboration with the public sector. | Agroindustrial Institute of Technology of the Argentine Northwest | Argentina | Conference |
| 11:50 | 12:20 | PhD. Ana Nelis. ICIDCA projections towards a diversified and resilient sugar industry | Cuban Institute for Research on Sugar Cane Derivatives | Cuba | Conference |
| 12:20 | 12:50 | PhD. Maria Felicia Díaz Sánchez. Opportunities Folder of the Institute of Animal Science (ICA) for sustainable and resilient livestock systems. | Institute for Animal Science | Cuba | Conference |
| 12:50 | 13:20 | José M Sánchez. Battery of polymerase enzymes for use in nucleic acid amplification techniques. | Center for Genetic Engineering and Biotechnology | Cuba | Conference |
| 13:20 | 13:50 | Yoandra Marrero Rodríguez. ME Adizoot-1: Biotechnological product based on efficient microorganisms registered for pig feeding | Center for the Production of laboratories animal | Cuba | Conference |
|  |  | **Lunch** |

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| **Session / Thursday, April 4**  |
| **Chairman: Abel Hernández PhD & Nemecio González Ing.** |
|  |  | **Speakers** | **Institution** | **Country** | **Modality** |
| 09:00 | 10:00 | PhD. Alan Davidson. Mechanisms and Evolution of Anti-CRISPR Proteins.  | Toronto University | Canada | **Key lecture** |
| 10:00 | 10:30 | PhD. Abel Hernandez. The necessity of the seed improvement for the developing countries | Center for Genetic Engineering and Biotechnology | Cuba | Conference |
| 10:30 | 11:00 | PhD. Nemecio González, Bioproducts, a solution for sustainable agriculture. CIGB Camagüey platform. | Center for Genetic Engineering and Biotechnology of Camaguey | Cuba | Conference |
| 11:00 | 11:20 | **Coffee break** |
| 11:20 | 11:50 | Alejandro Enrique Morales Basulto. Obtaining transgenic soybean plants cv DT99 through Agrobacterium with the antifungal gene Ap24 and mannose as positive selection. | Center for Genetic Engineering and Biotechnology | Cuba | Conference |
| 11:50 | 12:20 | PhD. José Fernando Bautista Pinzón. Biocontrol of Streptomyces-consortium against *Fusarium oxysporum* and *Botrytis cinerea* in basil seeds | La Sabana University | Colombia | Conference |
| 12:20 | 12:50 | PhD. Edgar López Herrera. Potential of Black Pepper (*Piper nigrum*) for the biotechnology, pharmaceutical and food industries in Cuba. | Chapingo Autonomy University | Mexico | Conference |
| 12:50 | 13:20 | PhD. Miguel A. Esquivel Pérez. The potential of Cuban Vanilla species for the biotechnology and pharmaceutical industry. | Center for the Production of laboratories animal | Cuba | Conference |
| 13:20 | 13:50 | Msc. Tanya Romay Fernández. Agrobiotechnology and Biosafety in Cuba. Updating environmental regulations and creating national capacities regarding genetically modified crops. | Office of Environmental Regulation and Safety | Cuba | Conference |
|  |  | **Lunch** |