

GENOMICS & BIOINFORMATICS SERVICE

10 years of Next Generation Sequencing at Texas A&M Symposium

TUESDAY, October 29

AgriLife Center, 556 John Kimbrough Boulevard

Morning Session

- 08:00 - 08:50 **Registration**
Coffee and a light breakfast available
- 08:50 - 09:00 **Dr. Patrick Stover** – opening remarks
Vice Chancellor and Dean for College of Agriculture and Life Sciences.
Director of AgriLife Research.
- 09:00 – 09:30 **Dr. Jonas Korfach**
Applications of Long-Read PacBio Sequencing.
Chief Scientific Officer, Pacific Biosciences Inc.
- 09:30 – 10:00 **Dr. Dalia Daujotyte**
NGS solutions for the whole transcriptome analysis.
Chief Commercial Officer, Lexogen, Inc.
- 10:00 – 10:15 **Break**
- 10:15 – 10:45 **Dr. Kahlil Lawless**
Agricultural Genomics with Illumina – New Technologies, Methods, and Applications.
Agrigenomics Segment Manager – Americas, Illumina Inc.
- 10:45 – 11:15 **Dr. Iain Maclaren-lee**
Oxford Nanopore Technologies.
Sr. Market Development Manager: Agrigenomics, Food and Consumer Genomics at Oxford Nanopore.
- 11:15 – 11:45 **Arvind Kothandaraman**
Sample Prep, Simplified.
Director and General Manager, Next Generation Sequencing, PerkinElmer Inc.
- 11:45 – 13:00 **Lunch** - Sponsored by Corning Incorporated.

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Afternoon Session

13:00 – 13:30 **Dr. Daniela Pignatta**

Harnessing Nature to Help Farmers Sustainably Feed the Planet.

Director, Microbial Sourcing – Indigo Ag.

13:30 – 13:50 **Dr. Greg Sword**

Genomics applications for agricultural pest management.

Sword Lab, Department of Entomology, Texas A&M University.

13:50 – 14:10 **Dr. John Walker**

Aggie Cedar Eating (ACE) Goats: Using Classical Selection and Genomics to Improve Rangelands.

Professor & Center Director San Angelo AgriLife Research & Extension Center.

14:10 – 14:30 **Dr. Kira Delmore**

Speciation and behavioral genomics in non-model organisms

Assistant Professor, Department of Biology, Texas A&M University.

14:30 – 14:45 **Break**

14:45 – 15:05 **Dr. Bill Murphy**

Single haplotype genome assemblies reveal the dark matter of feline genomes.

Professor of Genomics, Texas A&M University.

15:05 – 15:25 **Dr. Pete Teel**

Regents Professor, Interim Department Head, Department of Entomology, Texas A&M University.

15:25 – 15:45 **Dr. Jackie Rudd**

Germplasm building in the TAM Wheat Breeding program

Regents Fellow and Professor, Texas A&M AgriLife Research, Amarillo.

15:45 – 16:00 **Dr. Charles Johnson** – closing remarks

Director of Genomics and Bioinformatics Service.

16:00 – 18:30 **Open House** (At Centeq Building, 1500 Research Pkwy)

Pick up your t-shirt

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