

# ASI 2018 Convention NSIP Open Forum

## Program

▶ 1:00 p.m. – 2:00 p.m.

### **Genomics Panel Discussion**

Dr. Jason Osterstock (Zoetis)

Ben Pejsar (Neogen GeneSeek)

Micah Wells (Eurofins-Biodiagnostcs, Inc.)

▶ 2:00 p.m. – 2:30 p.m.

### **NSIP Online Searchable Database**

Rusty Burgett (NSIP Program Director)

▶ 2:30 p.m. – 3:00 p.m.

### **NSIP Membership Business Meeting**

Dr. Reid Redden (NSIP Chairman (Texas A&M Agrilife Extension))

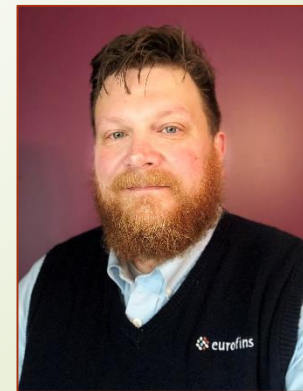


# Genomics Panel Discussion

Moderator: Dr. Ron Lewis, NSIP Technical Advisor  
(University of Nebraska-Lincoln)

## ▶ Panelists


- ▶ Dr. Jason Osterstock, Executive Director, Global Genetics, Zoetis
- ▶ Ben Pejsar, Genomic Market Development Manager, Neogen GeneSeek Operations
- ▶ Micah Wells, Business Development Manager, Eurofins-Biodiagnostics, Inc.



# What are the ballpark costs of genotype testing?

| Type of panel                     | Pig           | Cattle        | Sheep        |
|-----------------------------------|---------------|---------------|--------------|
| Parentage                         | \$15          | \$15 - \$17   | \$14 - \$18  |
| Conditions <sup>†</sup>           | \$12 - \$27   | \$9 - \$35    | \$6 - \$37   |
| Lower density<br>(5 – 35K SNPs)   | \$25 - \$35   | \$25 - \$50   | \$35 - \$45  |
| Medium density<br>(40 – 80K SNPs) | \$40 - \$50   | \$40 - \$85   | \$90 - \$295 |
| Higher density<br>(> 200K SNPs)   | \$175 - \$200 | \$140 - \$160 | \$200        |

<sup>†</sup>Genetic conditions and other major genes



# Some general questions for the panel

- What are the key uses of genomics by sheep producers?
- Is phenotyping needed to accompany genotyping?
- What types of genotype panels should we consider?
- Should genotyping platforms be developed specifically for U.S. sheep-types and priorities?
- What are your thoughts on sample collection, processing and storage?
- What are your suggestions about sharing genotype information, particularly with regards to confidentiality?
- What are future opportunities for the use of genomics in our livestock industries?

# Your questions to the panelists?

## ► Panelists

- Dr. Jason Osterstock, Executive Director, Global Genetics, Zoetis
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