Company Profile

Dr. Khosro Khodayari – CEO
Ms. Mariana Krugner – CA Facility Manager
Dr. Luke Farno – Global Seeds/Traits Account Manager
Mr. Daniel Mourad – Global GLP Account Manager

Seed Central Meeting - UCD
May 14th, 2015
SynTech Research is ....

- A global field & Laboratory Agricultural, Environmental Sciences R&D service provider
  - established in California in 1999

- Staffed by experienced scientists and managers
  - e.g. from BASF, Bayer, Dow, DuPont, Monsanto, Syngenta

- Offering Agrochemical and Seeds R&D services in all regions
  - well-established in USA, Europe & Latin America
  - growing fast in Asia

- Positioned as the R&D Service provider with the:
  - best Crop, Agronomic & Environmental Sciences knowledge
  - world-class laboratory support

- Privately Owned
  - Staff shareholders
SynTech Research has....

- **Locations in all regions**
  - Research stations/satellite sites in 29 Countries
  - Agrochemicals, Seeds/Traits, Biopesticides, Biocides

- **Over 150 customers globally**
  - Including all R&D-based major multi-nationals

- **Over 400 full-time professional & support staff**
  + > 200 part-time and consultants

- **Internship program in the USA & abroad for Agricultural, Biological, Environmental Sciences & Chemistry students**
Our Global Presence ....
Our Services ....

Environmental Chemistry (GLP):
Greenhouse, Lab & Field

Efficacy (GEP):
Greenhouse, Lab & Field

Seeds/Traits:
Greenhouse, Lab & Field
Our Services (cont.)

Ecotoxicology (GLP):
Lab, Semi-Field & Field

Biotechnology (GLP):
Lab

Public & Animal Health:
Lab & Field
Our Services (cont.)

Specialist Field Studies

Processing, Yield and Quality assessment

Program Design, Study Direction, BAD Preparation, Risk Assessment, Regulatory Dossiers
Global Seeds & Traits
Capabilities

- We can grow **Wide range of Agronomic & Vegetables Crops** in our facilities worldwide such as corn, soybean, cereals, Cotton, rice, tomatoes, lettuce, peppers, melons, cauliflower just to name a few.
- We have capability of **Greenhouse** in several countries such as USA, France, Spain and Italy to grow these crops year round.
- We have **Field** capabilities in the USA, Latin America, Europe and Asia.
- Our Compliance team is trained for conducting studies with GMO and Good Laboratory Practices (GLP)-GMO regulations. We train all staff in the USA to follow the procedures and policies needed for stewardship of crop-specific requirements according to the USDA-APHIS and to bio-safety regulations.
Seeds & Traits
Capabilities

We have biotech lab services at our facility in Stilwell, Kansas:

- **Protein Expression:**
  - ELISA Services (qualitative/quantitative)
  - Western Blotting
  - Lateral Flow Strips

- **DNA Services:**
  - PCR Services - Confirmation of DNA inserts

**Future Biotech work:**

- **Quantitative PCR (qPCR):**
  - GMO percentage in bulk samples and Gene expression (mRNA) of GMO traits

- **IRM monitoring**
  - Support of on-plant assays or tissue extraction assays

- **Extended ELISA Services:**
  - Assay Development & Troubleshooting
Main Centers

Corporate HQ and Laboratory Services
Stilwell, Kansas, USA

Americas Research HQ
Sanger, California, USA

Europe Research HQ
Macon, France