



**GENE EDITING IN AGRICULTURE: SCIENCE, POLICY AND STORY FOR ACTION
COSTA RICA
December 10 to 13**

TENTATIVE AGENDA

Course Objectives:

Education Learning objectives:

- Understanding gene editing science basics and the potential of the technology.
- Understanding how some countries in the region are moving towards a legal framework that could benefit gene-editing technologies.

Communication Skill based objectives:

- Become more effective proactive and reactive communicators on the subject of gene editing

Strategic objective:

- Share experiences in regulating biotechnology in a way that can enable research.
- Creating regional and local strategies to improve the environment for gene editing Regionally and Locally

Day 1	
Session	Topic
Morning Session	<ul style="list-style-type: none"> • Welcome and Introduction to Course (Alliance for Science/CR/IICA) • What's the challenge – Course Objectives (Dr. Evanega, lead) • Exercise What do you hear? What do you say? Where are we? • The Science of Gene Editing (Dr. Willmann, lead)
Afternoon Session	<ul style="list-style-type: none"> • What is at stake? What is to gain? • How Gene Editing Could Benefit Latam (Guest Speaker, TBD) • Gene Editing for Crop improvement (Matthew Willman)
Day 2	
Session	Topic

Morning Session	<ul style="list-style-type: none"> • Biosafety and Gene Editing Regulation (Dr. Pedro Rocha; Ms.Sc. Pablo Orozco.) • Case study: Argentina (Guest Speaker)
Afternoon Session	<ul style="list-style-type: none"> • How is Plant Biotechnology Regulated in Costa Rica? (Guest Speaker, TBD) • Gene Editing for Crop Improvement (Dr. Willmann, lead) • Introduce exercise for Friday and preparation time. • How Gene Editing Could Benefit Latam (Guest Speaker, TBD)
Day 3	
Time	Module
Morning Session	<ul style="list-style-type: none"> • Activity divided in tracks 1: Luis Avila: Team Iconico Lead) <ul style="list-style-type: none"> a) Scientists: Communication activity: Teaching story telling and the importants of connecting with values. b) Regulators: Facilitated discussion and more in depth learning into regulatory pathways for gene editing and sharing experiences and knowledge on how to operationalize them in participating countries.
Afternoon Sessions	<ul style="list-style-type: none"> • Activity divided in tracks 2 (Luis Avila-Team Iconico Lead) <ul style="list-style-type: none"> a) Scientists: Crafting messages for gene editing b) Regulators: Crafting messages for regulation. • Scientist and Regulators working together: Communication Activity
Day 4	
Time	Module
Morning Session	<ul style="list-style-type: none"> • Think on Your Feet (gene editing communications role play exercise) (Dr. Pedro Rocha and Ms.Sc. Pablo Orozco) • Moving forward Individually and Regionally
Afternoon Session	<ul style="list-style-type: none"> • Next Steps (Commitments) • Instructor Panel “What is the future for gene editing and how do we get there?” (Dr. Willmann, lead)
Final Session	<ul style="list-style-type: none"> • Certificate Ceremony

Cornell Alliance for Science Training Team:

Dr. Matthew Willmann, scientist
Ms. Sc. Sol Guerrero, Biologist
Mr. Greg Jaffe, JD, attorney (On line)
Dr. Sarah Evanega, science communicator
Pablo Orozco, Ms.Sc International Law

Luis Avila: (Iconico) Community organizer specialist and training program lead

IICA and UCR Training Team:

Dr. Pedro Rocha
Dr. Andres Gatica