



Chair: Julie A. Long, USDA ARS;
9-member task force

CAST Issue Paper 65
***Protecting Food Animal Gene Pools
for Future Generations***

a paper in the series on
***The Need for Agricultural Innovation to
Sustainably Feed the World by 2050***

Released September 30, 2019

Release/Rollout

On September 30, Dr. Julie A. Long, the task force chair, conducted briefings for Senate staffers in the morning and for House staffers at a noon lunch seminar. The afternoon presentation was held at the USDA Whitten Building. There were 35 registrants for these three briefings.

In-kind Contributions: 270 volunteer hours; \$19,980 monetary value

Press Release (results two weeks after release)

- Press release went to 5,703 e-contacts resulting in 1,333 opens.
- The press release through [PRWeb](#) resulted in 171 views and reached 977 targeted influencers (journalists).
- 136 media outlets posted the press release. A sampling of sites where the release was picked up: BioFlorida, Livestock Conservancy, Markets Insider, Oklahoma Farm Report, RFD-TV, Seed Daily, many daily news and business journal sites, and regional news channels (ABC, CBS, CW, FOX, NBC).

Follow-On Activities

- Dr. Julie Long presented at Poultry Tech Summit, November 2019

Paper Distribution

- Paper Distribution accessed from CAST website and print—2 years after release: 913

Indirect Paper Distribution

ACSESS Digital Library

<https://dl.sciencesocieties.org/files/issue-papers/cast-ip65-gene-pools.pdf>

Agricultural Research Services, USDA

<https://www.ars.usda.gov/research/publications/publication/?seqNo115=368192>

This report last updated 9/30/2021.

CAB Direct

<https://www.cabdirect.org/cabdirect/abstract/20203144109>

Davis College of Agriculture, Natural Resources & Design

<https://www.davis.wvu.edu/faculty-staff/directory/robert-l-taylor>

EBSCO

Google Books

<http://books.google.com/support/partner/?hl=en>

Researchgate

https://www.researchgate.net/publication/339273774_Protecting_Food_Animal_Gene_Pools_for_Future_Generations_A_paper_in_the_series_on_The_Need_for_Agricultural_Innovation_to_Sustainably_Feed_the_World_by_2050_CAST_Issue_Paper_Number_65_24_pages_Council

Semantic Scholar

<https://www.semanticscholar.org/paper/Protecting-Food-Animal-Gene-Pools-for-Future-Long/b6cd51489ab8c7cc1709d118683733078dda715f>

Articles and Web Mentions

Agri-pulse, *CAST report warns of shrinking livestock gene pool*, Hannah Pagel, October 2, 2019

<https://www.agri-pulse.com/articles/12657-cast-report-protecting-food-animal-gene-pools-for-future-generations>

American Veterinary Medical Association (AVMA), *Livestock diversity fading, risking food supply, group says*, November 14, 2019

<https://www.avma.org/javma-news/2019-12-01/livestock-diversity-fading-risking-food-supply-group-says>

ATTRA Sustainable Agriculture, *Dwindling Livestock Gene Pools Put Food Supply at Risk*, November 15, 2019

<https://attra.ncat.org/dwindling-livestock-gene-pools-put-food-supply-at-risk/>

Drovers, *CAST Report Encourages Genetic Diversity*, John Maday, September 30, 2019

<https://www.drovers.com/article/cast-report-encourages-genetic-diversity>

Feedstuffs, *Protecting food animal gene pool essential, CAST paper tackles need for agricultural innovation to sustainably feed the world*, Jacqui Fatka, September 30, 2019

<https://www.feedstuffs.com/news/protecting-food-animal-gene-pool-essential>

Iowa Farmer Today, *Gene pools shrink across livestock sectors* March 2, 2020.

https://www.agupdate.com/iowafarmertoday/news/livestock/gene-pools-shrink-across-livestock-sectors/article_a41b46cc-58d9-11ea-9d43-dbd91130d21.html

This report last updated 9/30/2021.

Citations

Research Square, *Turkey Ovarian Tissue Transplantation: Effects of Surgical Technique on Graft Attachment and Immunological Status of the Grafts 6 Days Post-surgery*, George B Hall, Julie A. Long, Leonardo Susta, Ben J. Wood, Grégory Yves Bédécarrats, July 28, 2021
<https://www.researchsquare.com/article/rs-744107/v1>

San Clemente Island Goats, *Why These Goats*, November 10, 2019
<https://www.scigoat.org/blog-1>

Social Media

Twitter—

@CASTagScience, September 26, 2019
<https://twitter.com/CASTagScience/status/1177387505685028864>

@Ron_on_ROM, September 30, 2019
https://twitter.com/Ron_on_ROM/status/1178706083809914882

@USDA_ARS, October 1, 2019
https://twitter.com/USDA_ARS/status/1179039152722960391

@CASTagScience, September 30, 2020
<https://twitter.com/CASTagScience/status/1311302291513802753>

Facebook—

@CASTagScience, September 23, 2019
<https://www.facebook.com/CASTagScience/photos/a.477568575671277/2497170413711073/?type=3>

@CASTagScience, September 25, 2019
<https://www.facebook.com/CASTagScience/photos/a.477568575671277/2500849513343163/?type=3&theater>

@CASTagScience, September 30, 2019
<https://www.facebook.com/CASTagScience/photos/a.477568575671277/2510205795740868/?type=3&theater>

@Shelly.OldTimeFarm, October 1, 2019
<https://www.facebook.com/Shelly.OldTimeFarm/posts/2148137131959681>

@CASTagScience, September 30, 2020
<https://www.facebook.com/CASTagScience/photos/a.477568575671277/3407087276052711>

LinkedIn—

CAST, September 16, 2019
<https://www.linkedin.com/feed/update/urn:li:activity:6579400725988720642>

CAST, September 23, 2019
<https://www.linkedin.com/feed/update/urn:li:activity:6581945222312321024>

This report last updated 9/30/2021.

CAST, September 25, 2019

<https://www.linkedin.com/feed/update/urn:li:activity:6582655210592755712>

CAST, September 30, 2019

<https://www.linkedin.com/feed/update/urn:li:activity:6584429032241197056>

CAST, October 2, 2019

<https://www.linkedin.com/feed/update/urn:li:activity:6585208086351405056>

CAST, September 30, 2020

<https://www.linkedin.com/feed/update/urn:li:activity:6717067996201848834>

Blog—

Friday Notes

This report last updated 9/30/2021.