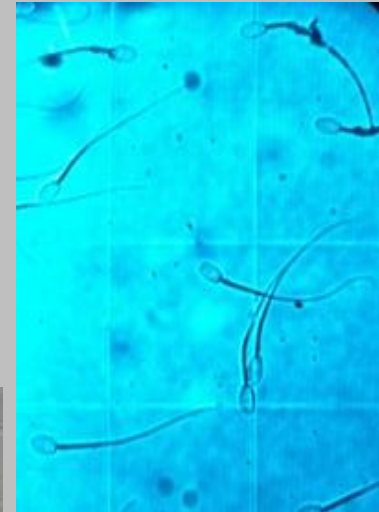




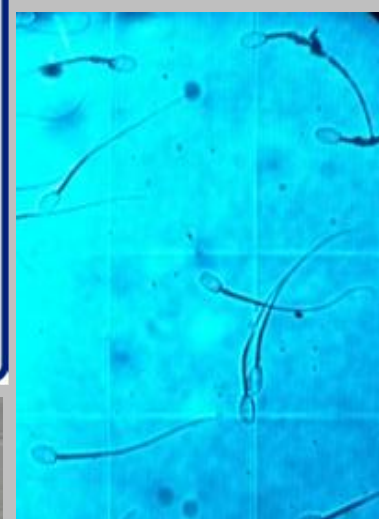
AnGR Genebanking in Spain CASTILLA – LA MANCHA





CERSYRA

**REGIONAL CENTER FOR
ANIMAL BREEDING AND GENETICS
IN CASTILLA-LA MANCHA**



Castilla-La Mancha Livestock Genebank

1.- Location

2.- History

3.- Facilities

4.- Breeds

5.- Composition

6.- Manchega Sheep Semen Bank

7.- Uses and applications - Prospects - Threats







1934



2023

**Technical
Assistance**

R & D & i



OFFICIAL DESIGNATION



Diario Oficial
de Castilla-La Mancha

AÑO XXXVIII Núm. 126

28 de junio de 2019

25545

III.- OTRAS DISPOSICIONES Y ACTOS

Consejería de Agricultura, Medio Ambiente y Desarrollo Rural

Resolución de 17/06/2019, de la Dirección General de Agricultura y Ganadería, por la que se reconoce oficialmente al Centro Regional de Selección y Reproducción Animal (Cersyra) como centro cualificado de genética animal, laboratorio de genética molecular animal y banco de germoplasma animal de Castilla-La Mancha. [2019/6095]



REGIONAL LIVESTOCK GENE BANK

SEMEN COLLECTION CENTRE



REGIONAL LIVESTOCK GENE BANK

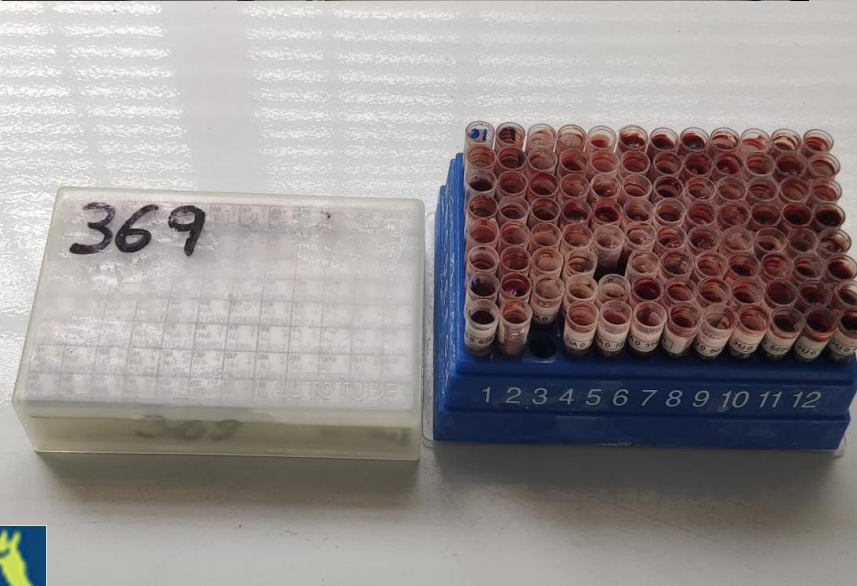


NATIONAL FLOCK OF MANCHEGA SHEEP



EXPERIMENTAL FARM

BLOOD BANK



SEMEN BANK



SHEEP BREEDS



Manchega (White type)



Talaverana



Manchega (Black type)



Karakul

GOATS BREEDS



Murciano-Granadina



Black Serrana



White Celtiberian



Florida

GENEBANK – SEMEN (1992 – 2022)

SHEEP				GOATS		
White Manchega	Black Manchega	Talaverana	Karakul	Murciano-granadina	Florida	White Celtiberian
36.868	2.590	569	1.120	708	166	342
(535)	(40)	(4)	(6)	(11)	(2)	(44)

GENEBANK – BLOOD (1997 – 2022)

Manchega Sheep	Black Serrana Goat
123.584	88

MANCHEGA SHEEP GENE BANK (Semen) (2022)



**CLOSED
SECTION**

**OPEN
SECTION**



National Livestock Genebank



White

**36.868
(535)**

**2.145
(44)**

0

Black

**2.590
(40)**

**867
(17)**

0

TOTAL

**39.458
(575)**

**3.012
(61)**

0

USES AND APPLICATIONS

- 1.- Gene pool – Breeding programs
- 2.- Artificial Insemination
- 3.- Paternity tests (blood samples of dead animals)
- 4.- Research projects (Resiliency to Heat Stress)
- 5.- Genomic selection (Manchega Sheep Reference Population)

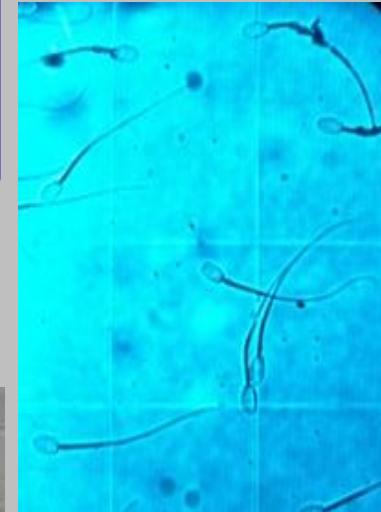
PROSPECTS

Manchega Sheep Embryos Bank

THREATS

Animal Health (Sheep and goat pox)





<https://iriaf.castillalamancha.es>

cersyra@jccm.es

