



European Regional Focal Point
for Animal Genetic Resources

The ad hoc action on Merino and Merino-derived breeds

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European Regional Focal Point
for Animal Genetic Resources

- Merino and Merino derived breeds
- The values beyond their products (a tentative list)

GENETICS
History
Cultural heritage
Landscape
Animal welfare

Aims of the ad hoc action

Network
Genetics
Preservation by means of exploitation





European Regional Focal Point
for Animal Genetic Resources
ERFP

Ad hoc action
“Merino network”



**Merino
and Merino-derived
breeds in Europe**
state of the art - *in situ* valorization

Webinar
Monday 15th February 2021
13.50 (CET)
to be held on 
<http://forms.gle/oketyDY0Jg8nHA5X6>
 [adhocmerinonetwork](#)

Sarcophagus from the 2nd century / detail
Alcázar de los Reyes Cristianos (Córdoba / Spain)
editing M. Martínez

14.00 / 14.10
Welcome address
Coralie Danchin
European Regional Focal Point / IDELE Paris / France

14.10 / 14.20
The ad hoc action on Merino and Merino-derived breeds
Fabio Pilla
University of Molise / Italy

FIRST SESSION
*The Merino and Merino-derived breeds in Europe:
history, demography, and genetics*
chair **Vincenzo Landi**
University of Bari / Italy

14.20 / 16.00
COUNTRY REPORTS
Antonio Granero
Asociacion Nacional de Criadores de Ganado Merino / Spain
Juan Vincente Delgado
University of Cordoba / Spain
Tiago Peritorio
ANCORME / Portugal
Coralie Danchin / Antoine Brimboeuf
IDELE Paris / Bergerie Nationale / France
Silverio Grande / Francesca Maria Sarti
ASSONAPA / Università degli Studi di Perugia / Italy
Christian Mendel
Bayerische Landesanstalt für Landwirtschaft / Germany
Aldona Kawecka
National Research Institute of Animal Production / Poland
László Sáfár
Hungarian Sheep and Goat Breeders' Association / Hungary
Valentin Baiteanu
University of Cluj-Napoca / Romania

16.00 / 16.20
SCIENTIFIC COOPERATION INITIATIVE
Simone Ceccobelli
Università Politecnica delle Marche / Italy

SECOND SESSION
What future for Merino and Merino-derived breeds? A wool perspective
chair **Elena Ciani**
University of Bari / Italy
co-chair **Marco Antonini**
ENEA / Italy

16.20 / 17.30
Ivan Aloisio
Fortunale / Italy
Nigel Thompson
Biella The Wool Company / Italy
Paul Garcia de Oteyza
Oteyza / Spain
Jean-Louis Brun
Brun de Vian-Tiran / France
Lesley Prior
Tellenby / UK
Dalena White
International Wool Textile Organisation / Belgium



Aims of the ad hoc action: Knowledge

- A comprehensive investigation at genomic level is ongoing
- Data collection on current status of the breeds: e. g. census, ongoing *in situ* and *ex situ* conservation and promotion actions.....

GENETIC SURVEY: AIMS



To investigate the genetic structure and relationships among Merino and Merino-derived breeds around the globe, relevant for the preservation, management and exploitation of the Merino genetic variability.

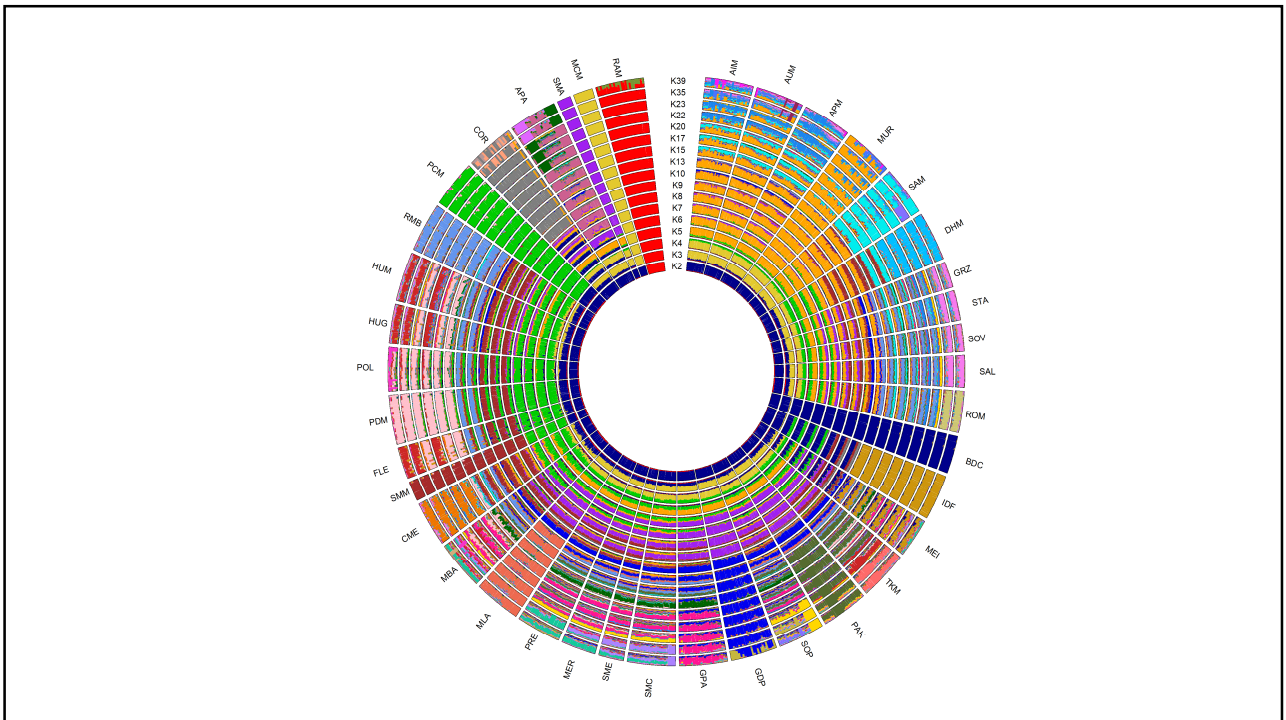
Genomics, landscape genomics, epigenomics



Special focus on European Merino and Merino-derived breeds, but collaboration were established at world-wide level (South Africa, Uruguay, Argentina)

Australian Industry Merino	AIM	AUS	86	No	Public data
Arapawa	APA	AUS	37	No	Public data
Australian Poll Merino	APM	AUS	98	No	Public data
Australian Merino	AUM	AUS	50	No	Public data
Berrichon du Cher	BDC	FRA	19	No	Public data
Chinese Merino	CME	CHN	23	No	Public data
Ile de France	IDF	FRA	23	No	Public data
Macarthur Merino	MCM	AUS	10	No	Public data
Merinizzata Italiana	MEI	ITA	20	Yes	Public data
Merino d'Arles	MER	FRA	18	No	Public data
Merinolandschaf	MLA	DEU	24	Yes	Public data
Merino de Rambouillet (American type)	RMB	FRA	101	No	Public data
Spanish Merino (Andalusia)	SMA	ESP	7	No	Public data
Spanish Merino (Estremadura)	SME	ESP	13	No	Public data
Sopravissana	SOP	ITA	24	No	Public data

Corriedale	COR	AUS	105	No	Ciappesoni
Dohne Merino	DHM	ZAF	10	No	Available for this study
Merinofleischschaf	FLE	DEU	16	Yes	Gesine Lunken/PG
Gentile di Puglia	GDP	ITA	109	No	Assonapa/Public
Groznensk	GRZN	RUS	13	No	Available for this study
Hungarian Merino	HUG	HUN	60	Yes	Zolsnai/Kusza/PG
Merino Branco	MBA	POR	28	Yes	Carolino-Silva/PG
Merino Uruguay	MUR	URU	98	Yes	Ciappesoni
Paska	PAK	HRV	25	Yes	Spehar/PG
Polish Merino	POL	POL	22	Yes	Swiatek/PG
Polish Coloured Merino	POL_COL_Mer	POL	25	Yes	Kawecka/PA
Polish Old Type Merino	POL_OLD_Mer	POL	25	Yes	Kawecka/PA
Merino Preto	PRE	PRT	34	Yes	Perlorio/PG
Merino de Rambouillet (France type)	RAM	PRT	46	No	Danchin
Palas Merino	PAL	ROU	21	Yes	Balteanu/PG
Salsk	SALS	RUS	16	No	Available for this study
South African Merino	SAM	ZAF	23	Yes	PG
South African Merino (sampling 2020)	SAM	ZAF	10	No	Available for this study
South African Mutton Merino	SMM	ZAF	10	No	Available for this study
Spanish Merino Cordoba (Registered flock)	SPA_COR_RH	ESP	48	Yes	Delgado/PA
Spanish Merino Cordoba (Registered animals)	SPA_COR_RA	ESP	24	Yes	Delgado/CB
Spanish Merino Official association	SPA_OFAS	ESP	24	Yes	Granero/CB
Soviet Merino	SOVM	RUS	14	No	Available for this study
Stavropol	STAV	RUS	15	No	Available for this study
Transilvanian Merino	TRA	ROU	24	Yes	Balteanu/CB
Trimeticchio di Segezia	TRIM	ITA	24	Yes	Crea/BA/CB
Turkish Merino	TKM	TUR	27	Yes	Karsli/PG





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Aims of the ad hoc action: valorisation

- A key issue is to preserve genetic resources also by the valorisation of their typical production (wool)
- Transfer the intangible values of the breeds to the wool





- Complete the genomic analysis
- Collection of demographic record and *Description of the breeds*
- Strengthen the relation with the wool and fashion industry (second meeting)