

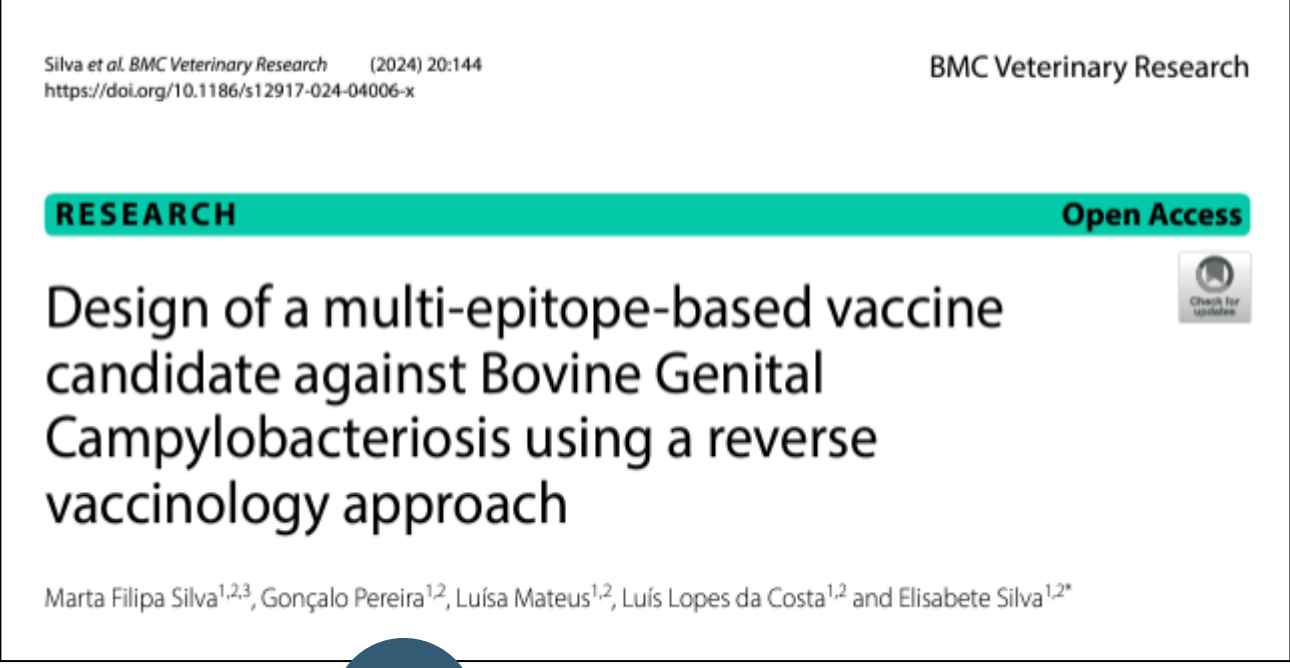
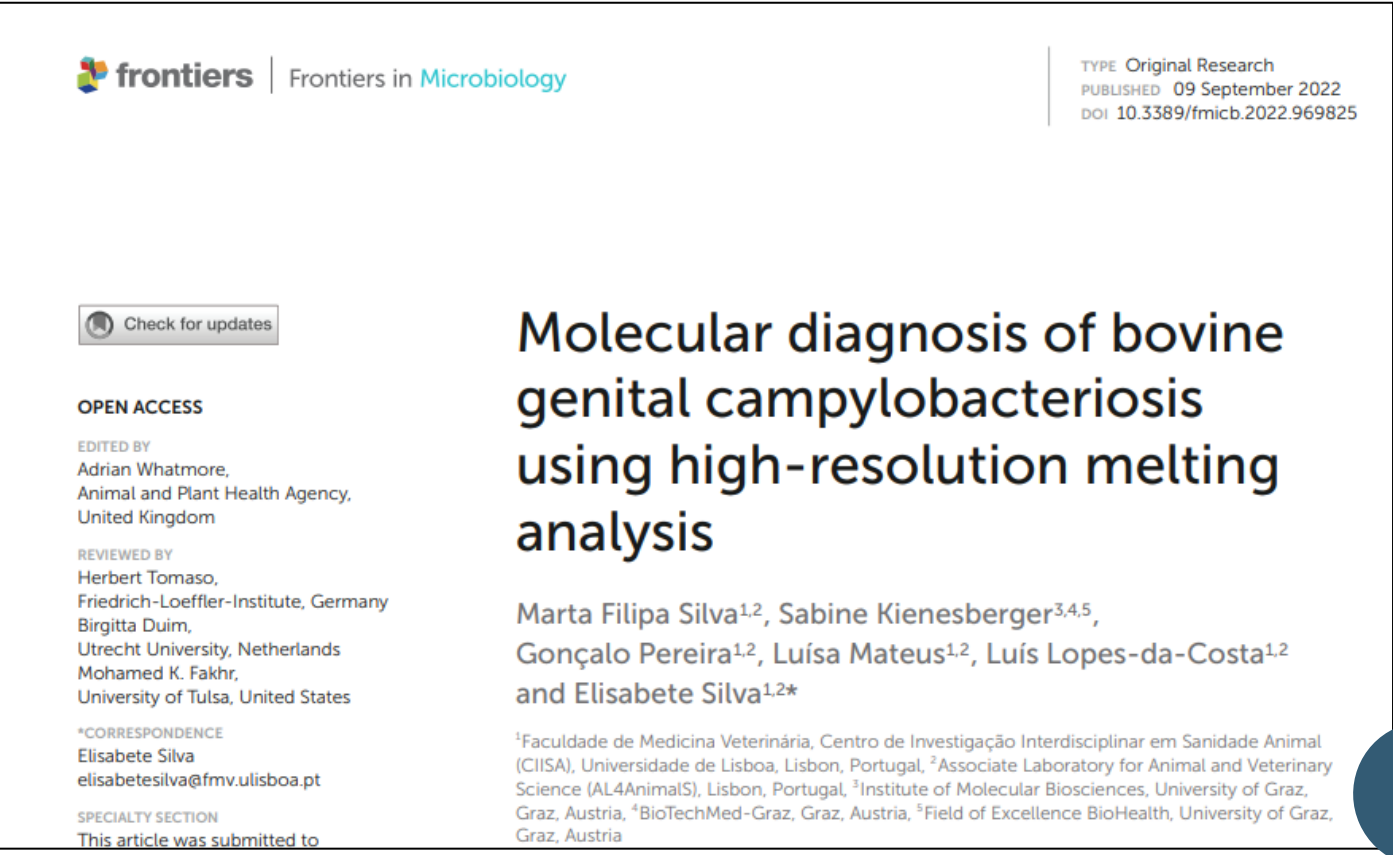


PI: Luís Lopes-da-Costa
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Director of the Associate Laboratory for Animal and Veterinary Sciences

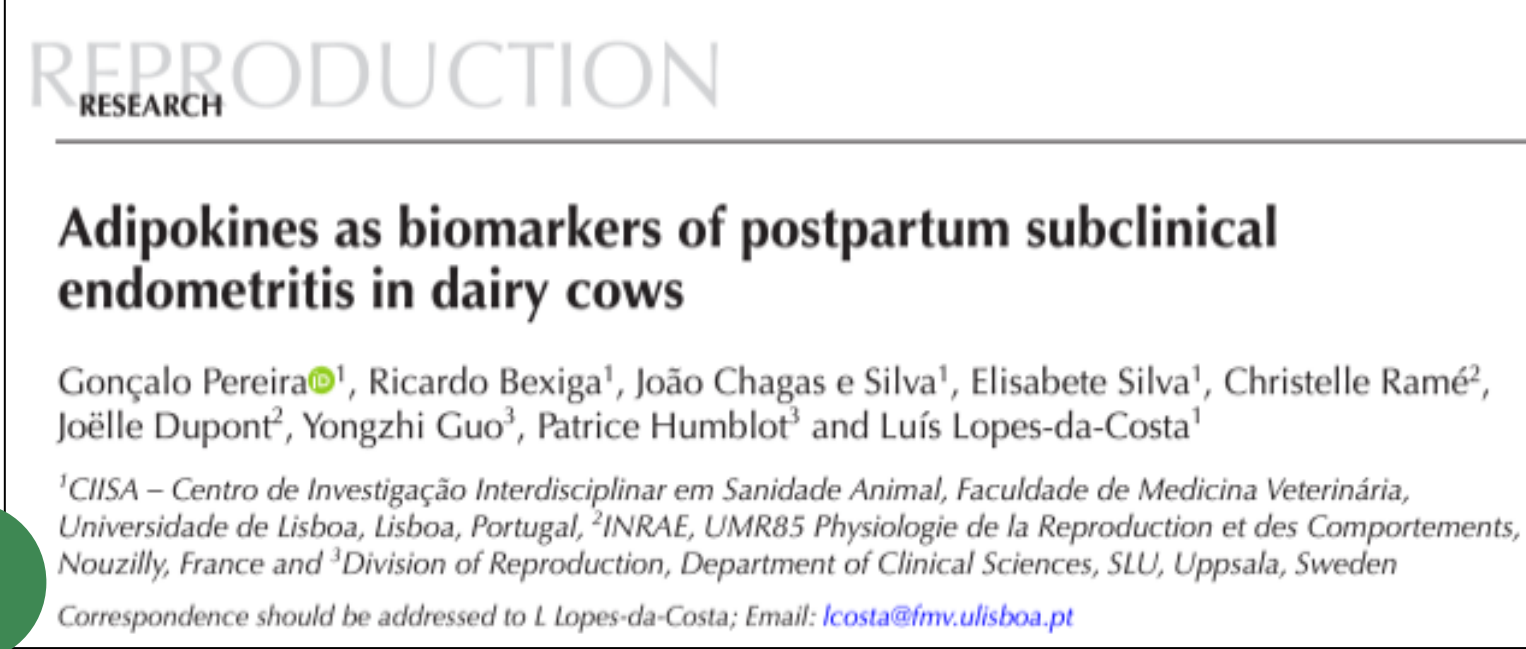
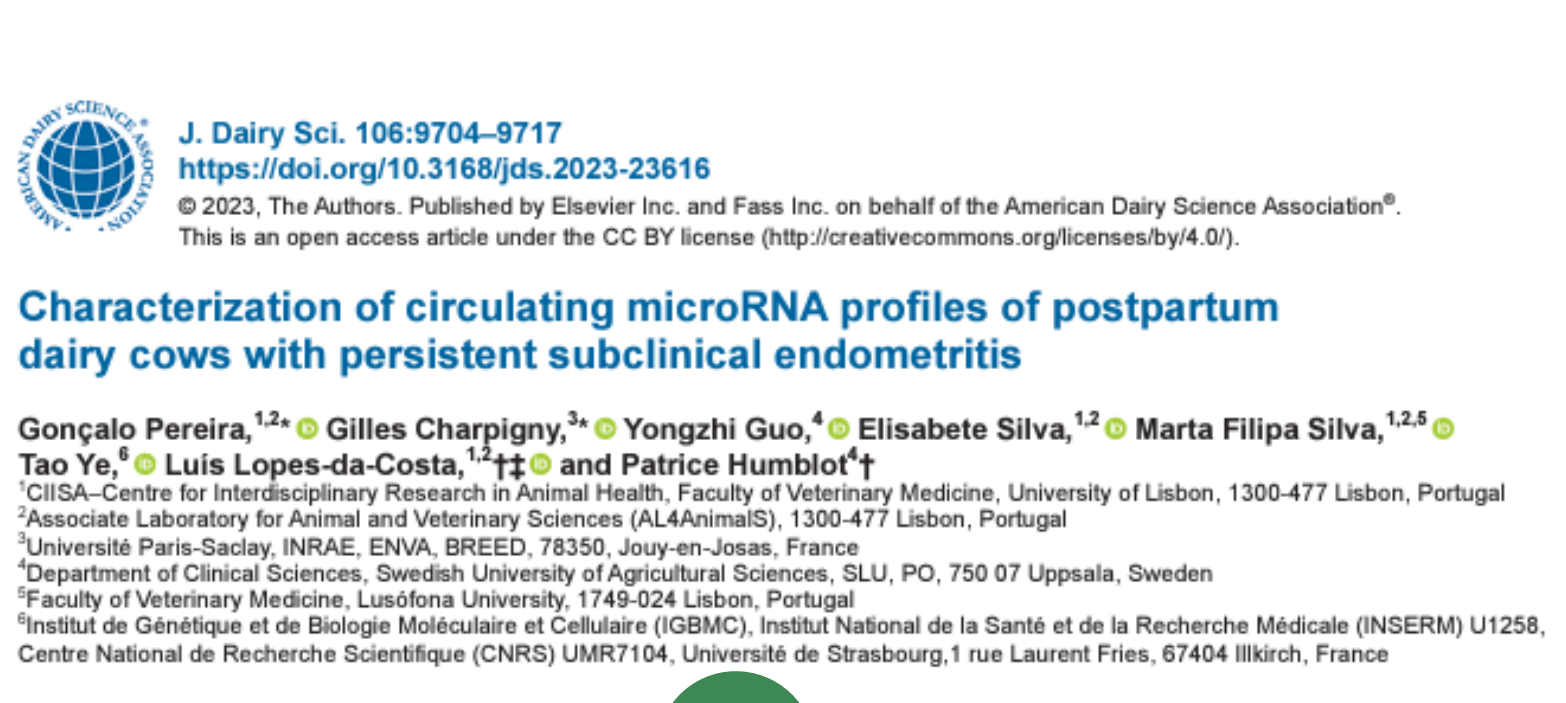


FUNDAMENTAL, APPLIED AND TRANSLATIONAL RESEARCH IN REPRODUCTIVE AND DEVELOPMENTAL PROCESSES

1 Diagnostic biomarkers and vaccine targets for Bovine Genital Campylobacteriosis



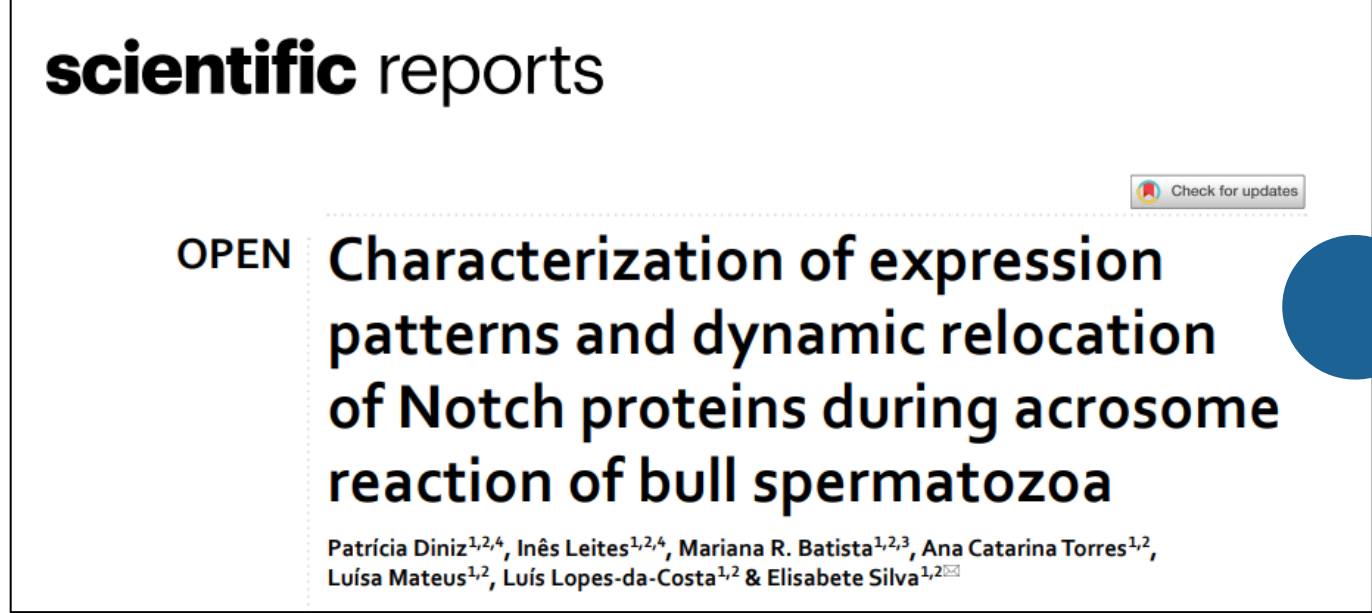
2 Proresolution Mechanisms in Subclinical Endometritis of Cows



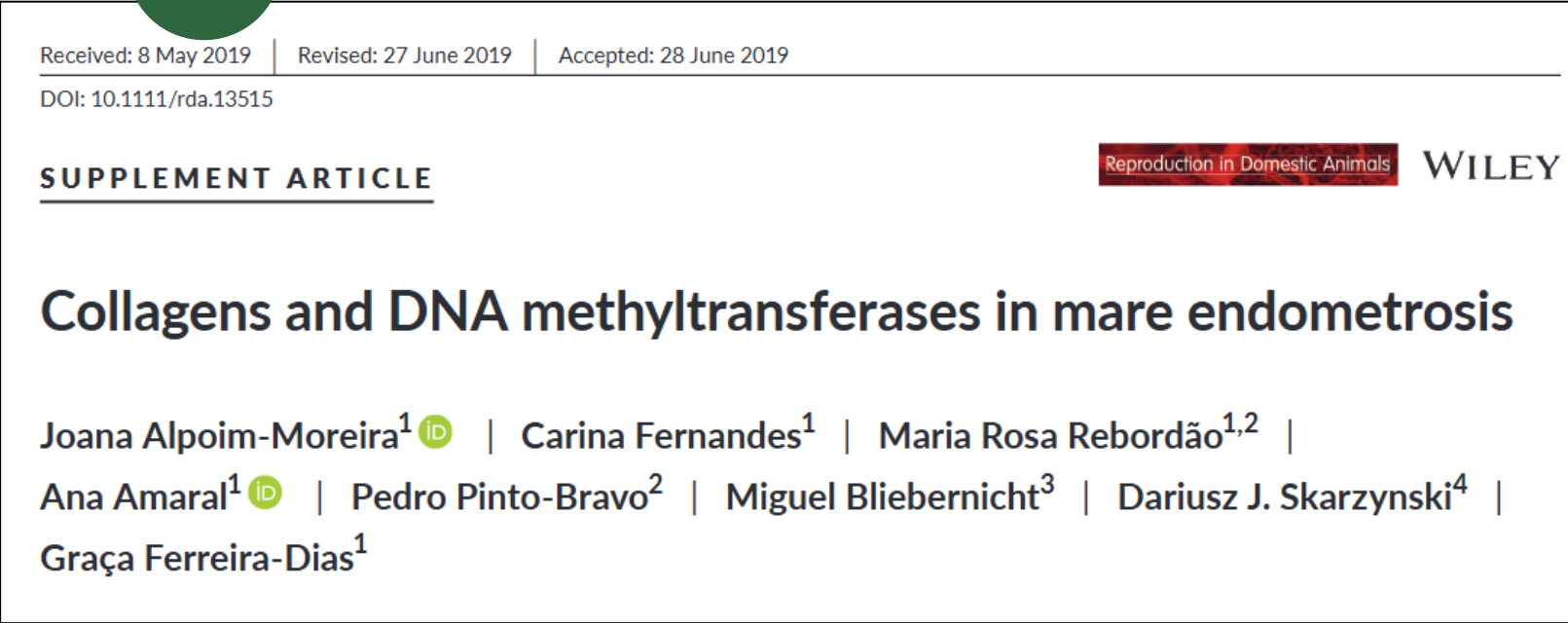
Projects
“Biotechnological Innovative Solutions for the Control of Bovine Genital Campylobacteriosis”
Foundation for Science and Technology (FCT) and FEDER, PTDC/CVTCVT/30145/2017-PI: Elisabete Silva (2018–2022)

Projects
“Exploring resolving Mechanisms in Cow Persistent Uterine and Mammary Inflammation”
Foundation for Science and Technology (FCT), PTDC/CVT-CVT/6932/2020. PI: Luís Lopes-da-Costa (2021–2024)

5 Notch signalling in embryo-maternal communication, pregnancy establishment and sperm function

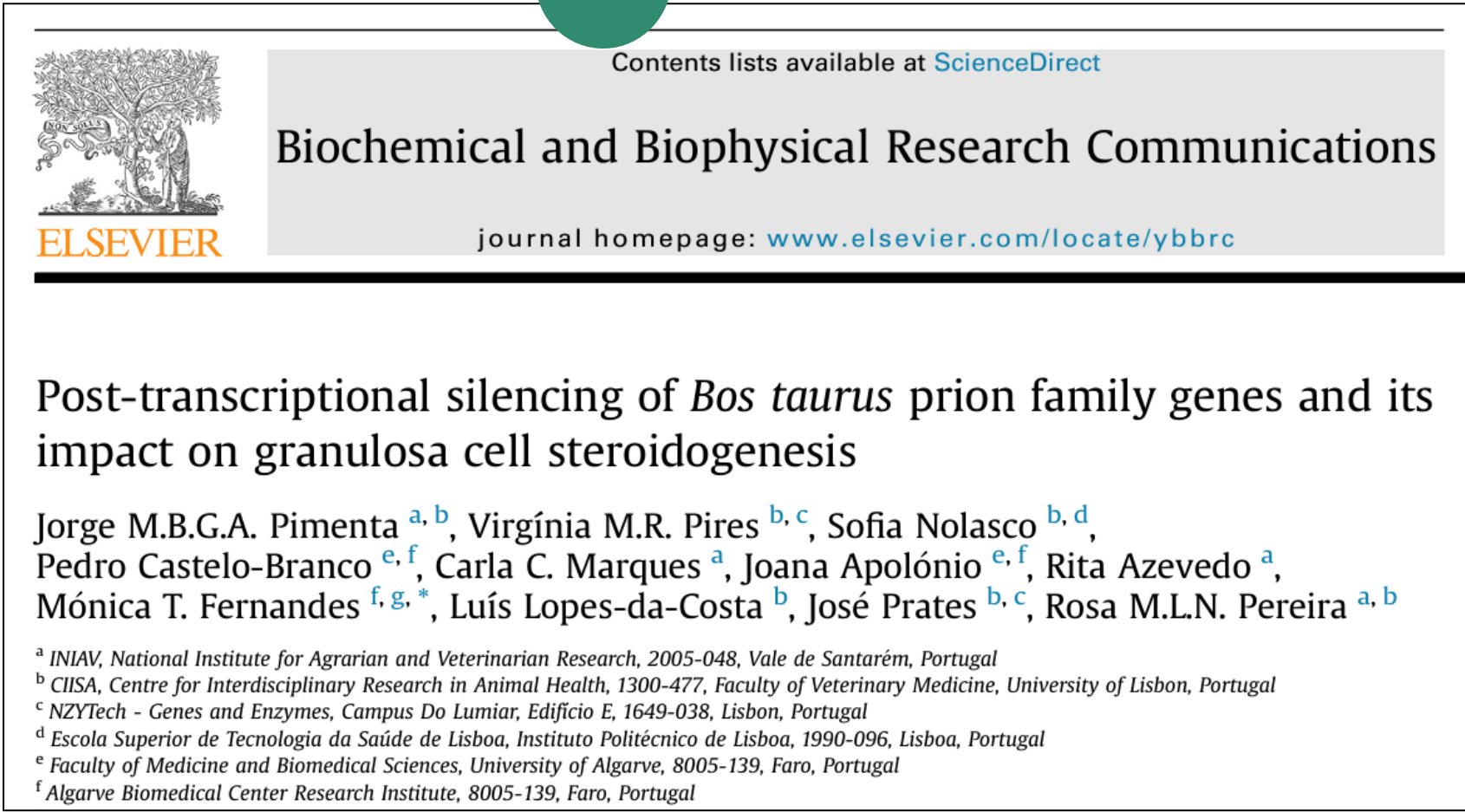


3 Pathogenesis’ molecular mechanisms of mare endometrosis



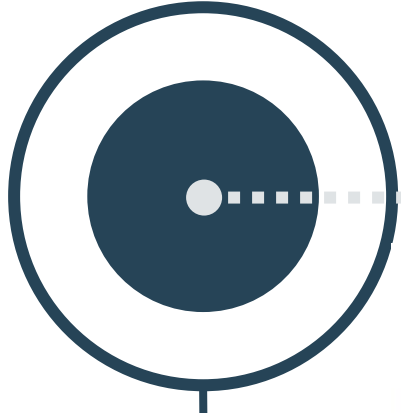
4 Reproductive technologies for native breeds’conservation efforts

Projects
“Animal Genetic Resources and Biotechnologies: Projection to the Future”
ALT20-030246-FEDER-000021. PI: Rosa LN Pereira (2016–2019).

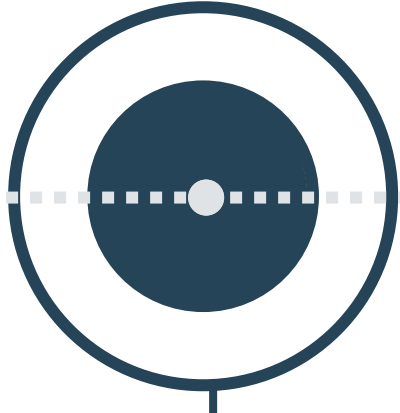


Projects
“Epigenetics Modifications in the Mare Endometrium: Implications on Fibrosis Pathogenesis in Endometrosis”
Foundation for Science and Technology (FCT), 2022.09161. PTDC. PI: Graça Ferreira-Dias (2023–2026)

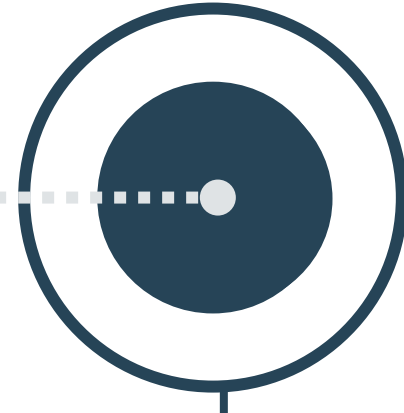
Outreach



LabRepA
Laboratory of Animal Reproduction
IPAQ accredited diagnostic lab that provides diagnostic and consulting services to Animal Health associations, cooperatives and individual farmers and breeders.



Germplasm banks



Reproductive Technologies Team
The certified reproductive technologies team provide services to farmers and cooperatives.