

**COMPLETED PROJECTS
CO-FUNDED FROM
THE RMRDT TRUST FUNDS**

RESEARCH INSTITUTION		FOCUS AREA	PROJECT SHORT TITLE	PROJECT FULL TITLE	POPULAR ARTICLE - name with the link to the online article	YEAR of completion
ARC - API	1	Cattle and Small Stock: 2 Livestock production with global competitiveness	Landscape genomics in South Africa	Genomic technologies for the improvement of South African beef cattle	Genomic Technology For South African Beef Cattle	2018
ARC - API	2	Cattle and Small Stock: 2 Livestock production with global competitiveness	Crossbreeding Afrikaner, Bonsmara and Nguni cows	Crossbreeding effects with specialized sire lines in Afrikaner, Bonsmara and Nguni beef cattle herds	The Principles Behind Climate Smart Beef Cow Efficiency Through Utilization Of Structured Crossbreeding	2018
ARC - API	3	Cattle and Small Stock: 2 Livestock production with global competitiveness	Marker detection in beef cattle - Phase II	Marker detection in beef cattle	Marker Detection in Beef Cattle	2018
ARC - API	4	Cattle and Small Stock: 2 Livestock production with global competitiveness	Discovery of single nucleotide polymorphisms (SNPs)	Genome-wide genetic marker discovery in South African indigenous cattle breeds using next generation sequencing	Genomic Markers in Beef Tenderness	2018
UCT	5	Cattle and Small Stock: 1 Sustainable natural resource utilisation; 2 Livestock production with global competitiveness	Does short duration grazing work in grasslands	Does short duration grazing improve livestock production, veld condition and climate resilience compared to other grazing systems in a mesic grassland of South Africa	IDENTIFICATION OF SELECTIVE SWEEPS IN AFRIKANER, DRAKENSBERGER AND NGUNI CATTLE USING GENOME-WIDE SEQUENCE DATA	2018
UP - A&WS	6	Cattle and Small Stock: 4 Animal products, quality and safety, nutritional value and preference	Nutrient content of lamb and mutton offal	The nutritional composition of South African lamb and mutton offal	Nutrient Density Lamb And Mutton Offal	2018
UFH	7	Cattle and Small Stock: 4 Animal products, quality and safety, nutritional value and preference	Animal behaviour, stress biomarkers and meat quality	Pre-slaughter stress, avoidance-related behaviour, stress biomarkers and beef quality	Animal welfare, stress biomarkers and meat quality	2018
US	8	Cattle and Small Stock: 3 Animal health and welfare 4 Animal products, quality and safety, nutritional value and preference 4A: Animal Products, Quality and Value-adding 4B: Livestock production with global competitiveness; Animal	Formal and Informal Red Meat Industry in the Western Cape	Hidden in Plain Sight: A Regional inquiry into the Size, Scope and Socioeconomic Effects of the Western Cape's Formal and Informal Red Meat Industries	Hidden In Plain Sight	2018