



**Name:** Kamilah E. Grant, MS, PhD

**Title:** Assistant Professor

**Email:** kegrant@alcorn.edu

**Phone:** (601) 877-6635

**Fax:** (601) 877- 6683

**Office:** Rm 1107 Biotechnology Building

**Area of Research:** Dissemination of the molecular mechanisms of microRNAs as a potential marker of fertility in male livestock species, hormonal effects on pregnancy

sustainability in livestock and identifying non-toxic chemical means of sterility as a control and eradication nuisance species.

**Course/s Taught:**

BT 540 Molecular Genetics

BT 565 Advanced Cell and Molecular Biology

AS 343 Physiology and Anatomy of Livestock (UG)

AS 478 Animal Science Seminar

AS 533 Physiology and Anatomy of Livestock Animals (G)

**Appointment:** Teaching and Research

**Publications:**

Erika Menezes, Peres Badial, Hazem El-Debaky, Asma Husna, Muhammet Ugur, Abdullah Kaya; Eniko Topper, Camilo Bulla, **Kamilah E. Grant**, and Erdogan Memili. (2019) Sperm miR-15a and miR-29b are Associated with Bull Fertility. *Andrologia*

Ana Velho, Hong feng Wang, Leslie Koenig, **Kamilah E. Grant**, Erika S. Menezes, Abdullah Kaya, Arlindo Moura and Erdogan Memili (2019) Expression dynamics of Integrin Subunit Beta 5 in bovine gametes and embryos imply functions in male fertility and early embryonic development. *Andrologia*

**Kamilah E. Grant**, Rodrigo V. de Oliveira, Bettye Sue Hennington, Aruna Govindaraju, Andy Perkins, John Stokes, Dennis Rowe, Eniko Topper, Abdullah Kaya, Arlindo Moura, Erdogan Memili. (2015) Superoxide Dismutase is Associated with Bull Fertility. *Journal of Reproduction, Fertility and Development*

Aruna Govindaraju, Sule Dogan ,Nelida Rodriguez-Osorio, **Kamilah E. Grant**, Abdullah Kaya, Erdogan Memili. (2012) Delivering Value from Sperm Proteomics for Fertility. *Cell Tissue Research*

**Book Chapter Contribution:**

Erdogan Memili, Sule Dogan, Nelida Rodriguez-Osorio, XiaojunWang , Rodrigo V. Oliveira, Melissa C. Mason, Aruna Govindaraju, **Kamilah E. Grant**, Lauren E. Belser, Elizabeth Crate, Arlindo Moura, and Abdullah Kaya. **Makings of the Best Spermatozoa: Molecular Determinants of High Fertility. Book Chapter in Male Fertility.** (2012) *InTech Open Access Publisher.*