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Systemic expression of galectin genes in periparturient goats

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Highlights

- Incidence of health problems is observed during the periparturient period.
- The periparturient period is associated with relaxation in immunity and a rise in parasitic counts.
- Galectins constitute an evolutionarily conserved family of β -galactoside-binding proteins.
- Galectins binds to surface of parasitic helminths, as well as other pathogens, initiating host immune response.
- Galectins acts as pathogen associated molecular patterns (PAMP's) and pathogen recognition receptors (PRR's).

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