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## Publications

**Sejian, V.**, Bhatta, R., Gaughan, J.B., Dunshea, F.R and Lacetera, N (2018). Review: Adaptation of animals to heat stress. *Animal* doi:10.1017/S1751731118001945.

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Angel, S.P., Bagath, M, **Sejian, V.**, Krishnan, G and Bhatta, R (2018). Expression patterns of candidate genes reflecting the growth performance of goats subjected to heat stress. *Molecular Biology Reports*. <https://doi.org/10.1007/s11033-018-4440-0>.

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Archana, P.R., **Sejian, V.**, Ruban, W., Bagath, M., Krishnan, G, Aleena, J., Manjunathareddy, G,B., Beena, V and Bhatta, R (2018). Comparative assessment of heat stress induced changes in carcass traits, plasma leptin profile and skeletal muscle myostatin and HSP70 gene expression patterns between indigenous Osmanabadi and Salem Black goat breeds, *Meat Science*, 141: 66-80.

Pragna, P., **Sejian, V.**, Bagath, M., Krishnan, G., Archana, P.R., Soren, N.M., Beena, V and Bhatta, R (2018). Comparative assessment of growth performance of three different indigenous goat breeds exposed to summer heat stress. *Journal of Animal Physiology and Animal Nutrition*, 102: 825–836.

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Bagath, M., **Sejian, V.**, Archana, S.S., Manjunathareddy, B.G., Parthipan, S., Selvaraju, S., Mech, A., David, I.C.G., Ravindra, J.P., Bhatta, R (2016). Effect of dietary intake on somatotrophic axis-related gene expression and endocrine profile in Osmanabadi goats. *Journal of Veterinary Behavior: Clinical Applications and Research* 13: 72-79.

Shilja, S., **Sejian, V.**, Bagath, M., Mech, A., David, I.C.G., Kurien, E.K., Varma, G and Bhatta, R (2016). Adaptive capability as indicated by behavioral and physiological responses, plasma HSP70 level and PBMC HSP70 mRNA expression in Osmanabadi goats subjected to combined (heat and nutritional) stressors. *International Journal of Biometeorology*, 60:1311–1323.