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*Special issue*

# Journal of Biosciences

Volume 44 July 2019

## Human Diversity and Ancestry in India

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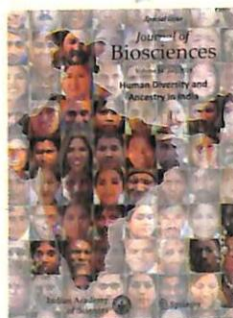
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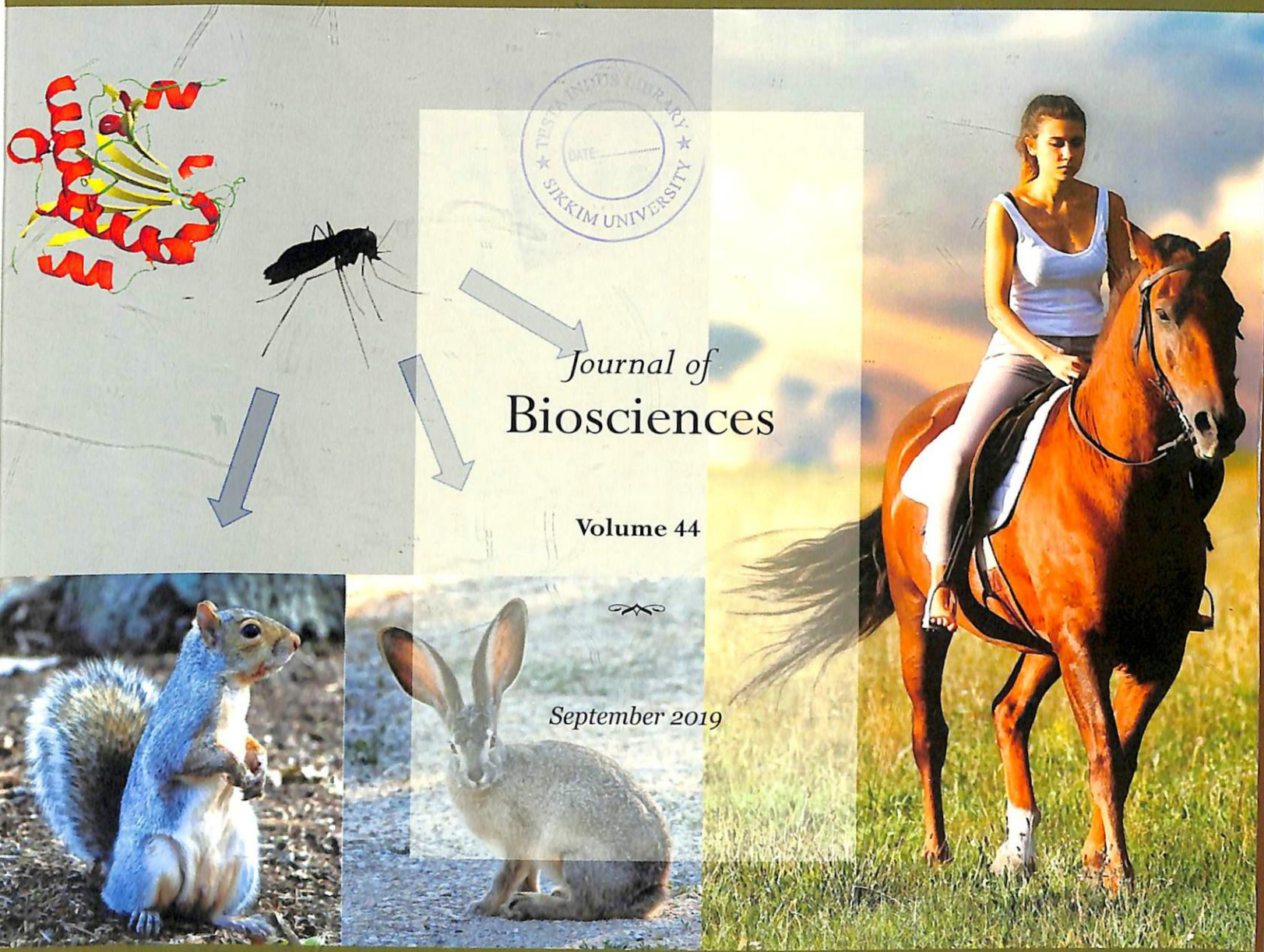
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Cover: Western equine encephalitis virus (WEEV), transmitted by mosquitoes, causes encephalitis in vertebrates such as squirrel, black-tailed hare, horse and human. The capped, unstructured 5' end of the viral genome can be readily engaged by host translation initiation factor, eIF4E (PDB 1EJ1, shown in top left panel). (See article by Sailen Barik, Article ID: 79).

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# Journal of Biosciences


Volume 44 October 2019

## Current Trends in Microbiome Research



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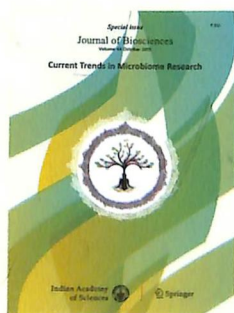
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Cover: *Osterix* (or *Sp7*) is an important transcription factor that promotes osteoblast differentiation. *Sp7* directly regulates the expression of *dlx2b* and *bglap* through *Sp7*-binding sites on the promoter regions of these two genes to regulate tooth development. In the zebrafish *sp7*<sup>-/-</sup> homozygote the bone mineralization level was significantly reduced resulting in abnormal tooth development in the larvae. (See article by Zhongjian Chen *et al.*, Article ID: 127).

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**Correction**

Correction to: Protein-rich extract of *Musca domestica* larvae alleviated metabolic disorder in STZ-induced type 2 diabetic rat model via hepatoprotective and pancreatic  $\beta$ -cell protective activities  
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