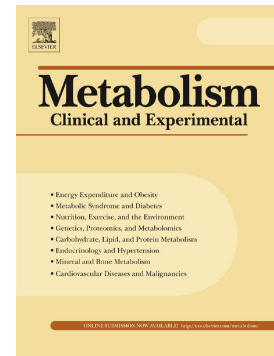


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**Distinct Roles of Systemic and Local Actions of Insulin on Pancreatic  $\beta$ -cells**

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