

# The Journal of Medical Investigation

Volume 55 Number 3, 4

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August 2008

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Reference to a book :

2. Kinney JM, Tucker HN : *Energy Metabolism. Tissue determinants and cellular corollaries.* Raven Press, New York, 1992

Reference to a chapter in a book :

3. Takaue Y, Kawano Y, Kuroda Y : Mobilization of peripheral blood stem cells for autografts. In : Levit DJ, Mertelsmann R, eds. *Hematopoietic Stem Cells. Biology and Therapeutic Application.* Marcel Dekker Inc, New York, 1995, pp.611-639

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