



Special Issue on
**Vitamin D Binding Protein and Vitamin D
Metabolites: From Analytical Issues to Emerging
Clinical Applications**

CALL FOR PAPERS

Vitamin D binding protein (DBP) is the major transport protein for vitamin D metabolites in plasma and 88–93% of 25-hydroxyvitamin D [25(OH)D] in the circulation is bound to DBP. Recent studies have revealed an association of serum DBP levels with vitamin D status in several physiologic and pathophysiologic conditions and this association supports the free vitamin D hypothesis. However, the etiology behind changes in DBP levels and the relationship between DBP levels and PTH and vitamin D levels remain unclear. It is important to test the free vitamin D hypothesis again as most research is using total vitamin D as an indicator for vitamin nutrition status.

We invite original research articles as well as review articles that seek to define the relationship between DBP and vitamin D levels in different physiology and disease conditions in human and animal models. We are interested in articles that explore free and bioavailable vitamin D levels, its relation to levels of vitamin D metabolites, and its association with risks of various diseases including cancer, osteoporosis, and diabetes mellitus.

Potential topics include but are not limited to the following:

- ▶ Hormone regulation of DBP and vitamin D metabolites
- ▶ DBP and vitamin D metabolite levels in various disease conditions
- ▶ DBP and vitamin D levels in different ethnic populations
- ▶ Pathologic conditions potentially able to alter DBP levels and vitamin D bioactivity
- ▶ Association of DBP and vitamin D metabolites with the etiology of different diseases

Authors can submit their manuscripts through the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/ije/vdbp/>.

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