



Vitamin D and Vitamin D Binding Protein in Health and Disease 3.0

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Vitamin D functions in the human body through both an endocrine and an autocrine mechanism. Nearly all circulating vitamin D (~85–90%) circulates bound to vitamin D-binding protein (DBP), with a smaller proportion bound to albumin, leaving <5% circulating freely. DBP is a multifunctional protein that has attracted increasing interest in recent years. DBP may also play roles beyond vitamin D binding, with potential roles in the immune system and elsewhere. The consequences of low 25(OH)D status include increased risk of various chronic diseases, ranging from hypertension to diabetes to cancer and infections. Also, the DBP polymorphism with more than 120 variants has been linked to several diseases. Despite the enormous progress in the deciphering of the structure of DBP and its function, there remains an impressive list of major research questions. In this special issue, we welcome original papers and review articles, which focus on the role of vitamin and DBP in health and disease.





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Message from the Editor-in-Chief

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