



## Extraskelétal effects of vitamin D: Facts, uncertainties, and controversies

Submitted by Emmanuel Lemoine on Tue, 06/10/2014 - 11:22

Titre	Extraskelétal effects of vitamin D: Facts, uncertainties, and controversies
Type de publication	Article de revue
Auteur	Bouvard, Béatrice [1], Annweiler, Cédric [2], Sallé, Agnès [3], Beauchet, Olivier [4], Chappard, Daniel [5], Audran, Maurice [6], Legrand, Erick [7]
Type	Article scientifique dans une revue à comité de lecture
Année	2011
Langue	Anglais
Date	2011/01
Numéro	1
Pagination	10 - 16
Volume	78
Titre de la revue	Joint Bone Spine
ISSN	1297-319X
Mots-clés	Animals [8], Autoimmune Diseases [9], Humans [10], Immune System [11], Metabolic Syndrome X [12], Neoplasms [13], Risk Factors [14], Uncertainty [15], Vitamin D [16]
Résumé en anglais	Vitamin D was long viewed as a hormone acting chiefly to regulate calcium-phosphate metabolism and bone mineralization. Over the last decade, however, basic science and clinical researchers have produced a bewildering amount of information on the extraskelétal effects of vitamin D. This article is a review of the clinical and biological actions of vitamin D including effects on the immune system, auto-immune diseases, infections, cancer, metabolic syndrome, fall risk, cognitive function, and muscle function.
URL de la notice	<a href="http://okina.univ-angers.fr/publications/ua3319">http://okina.univ-angers.fr/publications/ua3319</a> [17]
DOI	10.1016/j.jbspin.2010.10.011 [18]
Lien vers le document	<a href="http://dx.doi.org/10.1016/j.jbspin.2010.10.011">http://dx.doi.org/10.1016/j.jbspin.2010.10.011</a> [18]

### Liens

- [1] [http://okina.univ-angers.fr/publications?f\[author\]=4629](http://okina.univ-angers.fr/publications?f[author]=4629)
- [2] <http://okina.univ-angers.fr/cedric.annweiler/publications>
- [3] <http://okina.univ-angers.fr/agnes.salle/publications>
- [4] <http://okina.univ-angers.fr/o.beauchet/publications>
- [5] <http://okina.univ-angers.fr/daniel.chappard/publications>
- [6] <http://okina.univ-angers.fr/ma.audran/publications>
- [7] <http://okina.univ-angers.fr/e.legrand/publications>
- [8] [http://okina.univ-angers.fr/publications?f\[keyword\]=964](http://okina.univ-angers.fr/publications?f[keyword]=964)
- [9] [http://okina.univ-angers.fr/publications?f\[keyword\]=18432](http://okina.univ-angers.fr/publications?f[keyword]=18432)

- [10] [http://okina.univ-angers.fr/publications?f\[keyword\]=991](http://okina.univ-angers.fr/publications?f[keyword]=991)
- [11] [http://okina.univ-angers.fr/publications?f\[keyword\]=13212](http://okina.univ-angers.fr/publications?f[keyword]=13212)
- [12] [http://okina.univ-angers.fr/publications?f\[keyword\]=8515](http://okina.univ-angers.fr/publications?f[keyword]=8515)
- [13] [http://okina.univ-angers.fr/publications?f\[keyword\]=1484](http://okina.univ-angers.fr/publications?f[keyword]=1484)
- [14] [http://okina.univ-angers.fr/publications?f\[keyword\]=6041](http://okina.univ-angers.fr/publications?f[keyword]=6041)
- [15] [http://okina.univ-angers.fr/publications?f\[keyword\]=2812](http://okina.univ-angers.fr/publications?f[keyword]=2812)
- [16] [http://okina.univ-angers.fr/publications?f\[keyword\]=5969](http://okina.univ-angers.fr/publications?f[keyword]=5969)
- [17] <http://okina.univ-angers.fr/publications/ua3319>
- [18] <http://dx.doi.org/10.1016/j.jbspin.2010.10.011>

Publié sur *Okina* (<http://okina.univ-angers.fr>)