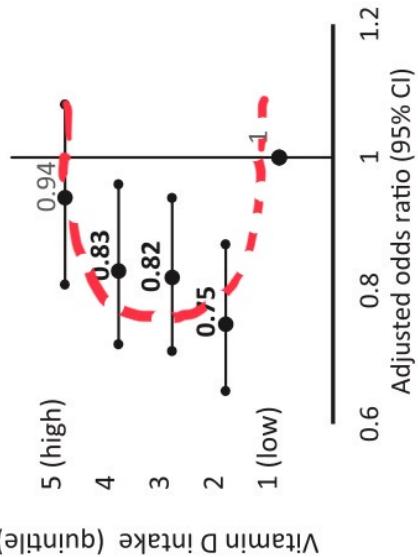


ALLERGY, VITAMINS

# SECOND LOOK: AGAIN U-SHAPED VITAMIN D EFFECTS

27.08.2023

It is again an U, no doubt.



<https://www.doi.org/10.1159/000531970>

we have now at least 36 studies...

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|-----------------------|--|---|
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| Anagnostis, P         | Vitamin D supplementation and fracture risk                  | Maturitas   |
| Cantorna, MT          | Vitamin D Regulates the Microbiota to Control                | Front Immunol   |
| Wei, J                | Inverted U-Shaped Relationship between Vitamin D and Allergy | Allergy   |
| Li, W                 | Vitamin D supplementation during pregnancy                   | J Asthma  |
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| González-Fernández, D | C-reactive protein is differentially modulated               | Infect Dis Poverty  |
| Durazo-Arvizu, RA     | The Reverse J-Shaped Association Between                     | Am J Epidemiol  |
| Song, H               | Maternal vitamin D status during pregnancy                   | Mol Nutr Food Res   |
| Bunyavanich, S        | Early-life gut microbiome composition and                    | J Allergy Clin Immunol                                    |
| Roggenbuck, M         | Vitamin D and allergic airway disease shape                  | Respir Res  |
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|                       | Vitamin D and Preschool Children - prediction                |   |
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| van Dijk, SC          | Non-linear associations between serum 25                     | Age Ageing  |
| Niruban, SJ           | Association of vitamin D with respiratory outcomes           | Eur J Clin Nutr   |
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| Mellenthin, L         | Association between serum vitamin D concentration and        | Metabolism  |
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| Thayer, ZM            | The Vitamin D Hypothesis Revisited: Race                     | Am J Epidemiol  |
| Hsu, JJ               | Vitamin D and osteogenic differentiation in                  | Clin J Am Soc Nephrol                                     |
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| Sempos, CT            | Is there a reverse J-shaped association between              | J Clin Endocrinol Metab                                   |
| Schöttker, B          | Strong associations of 25-hydroxyvitamin D                   | Am J Clin Nutr  |
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| McGrath, JJ           | A systematic review of the association between               | The Journal of Steroid Biochemistry and Molecular Biology |
| Mainz, J              | Substantially Reduced Calcaneal Bone Ultrasound              | Respiration; international review of                      |
| Matheu, V             | Impact on allergic immune response after                     | Nutrition & metabolism                                    |

### 36 vitamin D: U-shaped associations

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