

VITAMINA D E IMMUNE HEALTH

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RIFERIMENTI BIBLIOGRAFICI

- Ref 1) C. Aranow. Vitamin D and the immune system. *Journal of Investigative Medicine*. (2012) <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3166406/>
- Ref 2) R. Bouillon et al. Skeletal and Extraskelatal Actions of Vitamin D: Current Evidence and Outstanding Questions. *Endocrine Reviews*. (2019) <https://academic.oup.com/edrv/article/40/4/1109/5126915?login=false>
- Ref 3) M. Clerici et al. The Isoform GC1f of the Vitamin D Binding Protein Is Associated with Bronchiectasis Severity. *Biomedicines*. (2022) <https://www.mdpi.com/2227-9059/9/11/1573>
- Ref 4) J.H. White et al. Vitamin D, infections and immunity. *Reviews in endocrine and metabolic disorders*. (2022) <https://link.springer.com/article/10.1007/s11154-021-09679-5>
- Ref 5) D. A. Jolliffe et al. Effect of a test-and-treat approach to vitamin D supplementation on risk of all cause acute respiratory tract infection and covid-19: phase 3 randomised controlled trial (CORONAVIT). *BMJ*. (2022) <https://www.bmj.com/content/378/bmj-2022-071230>
- Ref 6) J. Rhodes et al. Vitamin D and COVID-19: evidence and recommendations for supplementation. *The Royal Society Publishing*. (2020) <https://royalsocietypublishing.org/doi/10.1098/rsos.201912>
- Ref 7) W. Janssens et al. Vitamin D deficiency is highly prevalent in COPD and correlates with variants in the vitamin D-binding gene. *Thorax*. (2010) <https://pubmed.ncbi.nlm.nih.gov/19996341/>
- Ref 8) J. Damoiseaux et al. The engagement between vitamin D and the immune system: is consolidation by a marriage to be expected? *EBioMedicine*. (2021) [https://www.thelancet.com/article/S2352-3964\(18\)30141-5/pdf](https://www.thelancet.com/article/S2352-3964(18)30141-5/pdf)
- Ref 9) M. Cutolo et al. Vitamin D, Inflammation and Immunity: Review of Literature and Considerations on Recent Translational and Clinical Research Developments. *Open Rheumatology Journal*. (2018) <https://openrheumatologyjournal.com/VOLUME/12/PAGE/201/FULLTEXT/>
- Ref 10) K. O'Connell et al. Dose-related effects of vitamin D on immune responses in patients with clinically isolated syndrome and healthy control participants: study protocol for an exploratory randomized double- blind placebo-controlled trial. *Trials*. (2013) <https://trialsjournal.biomedcentral.com/articles/10.1186/1745-6215-14-272>
- Ref 11) L.R. Durrant et al. Vitamins D₂ and D₃ Have Overlapping But Different Effects on the Human Immune System Revealed Through Analysis of the Blood Transcriptome. *Frontiers Immunology*. (2022) <https://www.frontiersin.org/articles/10.3389/fimmu.2022.790444/full>
- Ref 12) M. Afzal et al. Current Overview on Therapeutic Potential of Vitamin D in Inflammatory Lung Diseases. *Biomedicines*. (2022) <https://www.mdpi.com/2227-9059/9/12/1843>

- Ref 13) J.J. Li et al. Characteristics of vitamin D3 receptor (VDR) binding to the vitamin D response element (VDRE) in rat bone sialoprotein gene promoter. *European Journal of Oral Science*. (1998) <https://pubmed.ncbi.nlm.nih.gov/9541257/>
- Ref 14) P. Cohen. The TLR and IL-1 signalling network at a glance. *Journal of Cell Science*. (2014) <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4038938/>
- Ref 15) L. Vitamin D regulation of the immune system and its implications for COVID-19: a mini review. *SAGE Open Medicine*. (2021) <https://journals.sagepub.com/doi/full/10.1177/20503121211014073>
- Ref 16) M.F. Luxwolda et al. Traditionally living populations in East Africa have a mean serum 25-hydroxyvitamin D concentration of 115 nmol/l. *British Journal of Nutrition*. (2012) <https://www.cambridge.org/core/journals/british-journal-of-nutrition/article/traditionally-living-populations-in-east-africa-have-a-mean-serum-25hydroxyvitamin-d-concentration-of-115-nmol/6188564A01361C5CF5F196229430E475>
- Ref 17) The effects of vitamin D on immune system and inflammatory diseases. Ao Tomoka et al. *Biomolecules*. (2022) <https://gismo.net/wp-content/uploads/2022/03/LINK-MARZO-2022.pdf>
- Ref 18) R. Bouillon et al. The health effects of vitamin D supplementation: evidence from human studies. *Nature Reviews Endocrinology*. (2022) <https://www.nature.com/articles/s41574-021-00593-z>
- Ref 19) E.S. Chambers et al. Vitamin D₃ replacement enhances antigen-specific immunity in older adults. *Immunotherapy Advances*. (2020) <https://academic.oup.com/immunotherapyadv/article/1/1/Itaa008/5999967>
- Ref 20) M.F. Holick et al. Evaluation, Treatment, and Prevention of Vitamin D Deficiency: an Endocrine Society Clinical Practice Guideline. *The Journal of Clinical endocrinology & metabolism*. (2011) <https://academic.oup.com/jcem/article/96/7/1911/2833671>