

ALLERGY, VITAMINS

# THREE UNWISE MONKEYS

19.03.2009

Thanks to the great audience in Washington DC watching our pro-con show about vitamin D and allergy. Are you still wondering about all the monkeys on my opponent's slides? Me too...

With having fever from a flu on the way back to Europe, a picture [came to my mind](#) showing the 3 apes that are unable to see, hear and speak ...

Mail me if there remain any doubts about the Th1 blocking effect of D3 or go to one of the [recent reviews](#) - I have take this for granted as it is even in standard textbooks like [Roitt's Immunology](#).

In vivo, 1,25-(OH)2D3 supplementation prevents EAE and arthritis development (24, 25), and injected 1,25-(OH)2D3 has been shown to prolong the time to the development of murine IDDM ... In vitro, 1,25-(OH)2D3 inhibits T-cell proliferation and decreases the production of the Th1 cytokines IL-2, IFN- $\gamma$ , and TNF- $\alpha$  (27). In vivo, 1,25-(OH)2D3 injections were shown to inhibit the Th1-driven delayed-type hypersensitivity response (28, 29).