DOUBLE BLIND LEADING THE B D

Minocycline is a tetracycline antibiotic commonly prescribed for acne, but could it help slow the progression from a clinically isolated syndrome to multiple sclerosis? One hundred and forty-two people were randomised in a Canadian trial to antibiotic or placebo. The primary end point—conversion at 6 months—was less likely in the treated group (33% vs 61%, 95% CI 11.4 to 43.9). Adjusting for enhancing lesions at baseline reduced the size of the effect, but it remained significant. Frustratingly, this difference was not maintained at 2 years, and of course, there were more reportable drug reactions in the minocycline-treated group.

_Ear Worm_

A Fo Ben has oft joined in with colleagues who yearn for a temporary tapeworm to keep the middle aged spread at bay. Be very specific with what you wish for, lest you receive a _Spirometra erinaceieuropaei_ infestation—as a team from Cambridge UK identified. It’s a bit like the old joke, ‘What is worse than a worm in the brain? A migrating worm in the brain’.

_Magic Bullet?_

When there is a near state of emergency in America regarding the opioid crisis, this report of a novel pain agent that may be side-effect free is very welcome indeed. Clodronate is a first-generation bisphosphonate. Japanese researchers showed that it significantly attenuates neuropathic and inflammatory pain, in mice, via inhibition of a vesicular nucleotide transporter (VNUT). VNUT is a key molecule for the initiation of purinergic chemical transmission and is involved in the immune response in vivo.

_You’ll Either Love This, or You’ll Hate This_

What has the study of common genetic variants ever done for us? Proving that genome-wide association studies may be better suited to the study of traits then diseases, researchers have identified 15 polymorphisms that influence the likelihood of an individual liking Marmite. A Fo Ben is sympathetic to readers outside the British Isles, so if in Australia think Vegemite, Switzerland Cenovis and Germany Vitam R. Or if you are not fortunate enough to have the correct pattern of gene changes, think of rancid vulcanised rubber (but on toast). The researchers identified that the key ingredients in the best performing lotions were homosalate and octisalate. Could salates halt the progression of multiple sclerosis in man?

_Everybody’s Free (To Wear Sunscreen)_

The curious latitude-related incidence of multiple sclerosis has inspired a panoply of theories, including much research in to the role of vitamin D in the aetiology of multiple sclerosis. How does suntan lotion exposure affect your chances of developing multiple sclerosis? Or more specifically the chances in an experimental autoimmune encephalomyelitis (EAE) mouse model. Some forms of commercially available sunblock were able to prevent EAE progression when compared with mice exposed to ultraviolet radiation who did not ‘slip, slap, slop’. The researchers identified that the key ingredients in the best performing lotions were homosalate and octisalate. Could salates halt the progression of multiple sclerosis in man?
REFERENCES


