

Diabetes & dementia

A RECENT Japanese study has found that diabetes is a risk factor for dementia.

The study looked at 1,000 people and found that 27% of diabetics developed dementia, compared to 20% with normal blood sugar levels.

WIN A NUDE BY NATURE PACK

This week **PD** is giving three lucky readers the chance to win a skin care pack (pictured below), valued at \$122.70, courtesy of **Nude By Nature**.

Australia's favourite natural mineral makeup range has extended into skin care and this range of natural and effective products from Nude by Nature will allow you to achieve maximum results towards beautiful skin without harsh chemicals.

For your chance to win, email your answer to the question below by COB on Friday to:

nudebynature@pharmacydaily.com.au

Three most creative entries will win this fantastic prize pack and their names will be announced in **PD** on Tuesday 27th Sep.

In 25 words or less tell us why using natural skincare and make-up is important to you



Whooping cough 3yr risk

WHOOPING cough vaccine may not be effective after three years, leaving older children susceptible to the condition, a preliminary US study has found.

Undertaken in the wake of a massive outbreak of whooping cough in California, scientists from the Kaiser Permanente San Rafael Medical Centre, looked at the medical records of 15,000 children and found a sharp spike in whooping cough cases in those aged between 8-12.

"I was disturbed to find maybe we had a little more confidence in the vaccine than it might deserve," said study head Dr. David Witt, chief of infectious disease at the Kaiser Permanente Medical Center in San Rafael.

Witt's findings included the fact

that children were around 20 times more likely to contract the bacterial disease three or more years after their last original whooping cough vaccine injection, compared to kids who had received a booster shot during that period.

Interestingly more than 80% of children looked at in the study had been vaccinated, with only 20% having received no form of whooping cough vaccination at all.

Alzheimer's hope

NEW data published in the peer-reviewed *Journal of Neurochemistry* has found that Prana

Biotechnology's PBT2 is able to restore cognition in Alzheimer's Disease sufferers through "repair of affected Alzheimer's brains".

The article titled '*The Alzheimer's therapeutic PBT2 promotes amyloid-B degradation and GSK phosphorylation via a metal chaperone activity*', details how PBT2 provides a combination of detoxification and neuronal restoration to bring about the cognitive improvement observed in patients.

Basically PBT2 prevents abeta oligomer formation, and delivers neurologically active metals (copper and zinc) into neurons damaged in Alzheimer's disease.

"Delivery of these metals triggers intracellular molecular pathways which lead to improved cognition and increased expression of neuronal markers," a statement from Prana said.

XGEVA approval

THE Therapeutic Goods Administration has approved XGEVA (denosumab) injection for the prevention of skeletal-related events in patients with bone metastases from solid tumours.

XGEVA is the first RANK Ligand inhibitor for the prevention of skeletal related events in patients with bone metastases from solid tumours.

"XGEVA promises to make a real difference for patients with cancer whose daily lives are affected by the consequences of bone metastases," said Dr Mark Tennyson, Executive Medical Director of Amgen Australia.

Sanofi donation

SANOFI Pasteur is donating the original virus seed used to produce large quantities of oral polio vaccines to the World Health Organisation.

With it, WHO will be in full control of the storage of the vaccine strain and its distribution to vaccine producers worldwide.

new

TOOTHPASTE THAT HELPS
REPAIR
SENSITIVE TEETH*

*When used twice daily as directed on pack



For the relief of sensitive teeth. ALWAYS READ THE LABEL. Use only as directed. Consult your healthcare professional if symptoms persist. Sensodyne®, NovaMin® and the rings device are registered trade marks of the GlaxoSmithKline group of companies.

GSKJPDPDRP0911



PHARMACY FOR SALE

TWC Charlestown Pty Limited (Receivers & Managers Appointed) T/A Terry White Chemists Charlestown is being offered to the market for sale.

For a copy of the information memorandum please contact Sean Roffey (PBS Pharmacy Brokers) on email pbs@healthbusinesssales.com.au or call 0408 882 111.

WE WILL PAY YOU TO BE A CHEMSAVE COMPLIANT MEMBER

Yes, we pay you! And because we're happy to pay, we offer a number of easy ways to be a Chemsave compliant member!

Plus, as a Chemsave compliant member, we will provide you with a suite of profit-boosting member benefits for **FREE!**



Full Branding Option with FREE Signage!

With a choice of membership levels to suit all pharmacies, all the way up to full branding, now is the time to join Chemsave!

**CLICK
HERE**

TO FIND OUT HOW MUCH WE
WILL PAY YOU TO BE A CHEMSAVE
COMPLIANT MEMBER



Health, Beauty and New Products

Welcome to our weekly feature with all the latest health, beauty and new products for pharmacy!

Suppliers wanting to promote products in this feature should email advertising@pharmacydaily.com.au.

Pure and simple nail care

Keeki's range of nail products are completely organic, and are gluten free. Perfect for fans of planet loving products, the all-natural line-up is 100% biodegradable, non-toxic, odourless and safe to use during pregnancy. Vegetarians and vegans will also fall for Keeki's animal ethos, with the range free from animal byproducts, and not tested on animals. The product line-up includes **Nail Polish** in colours such as Blue Frosting, Blue Slushie, Cherry Pie, Chocolate Covered Cherry, Cotton Candy, Glow in the Dark, Grasshopper Pie, Orange Sorbet, Pink Frosting, Raspberry Sorbet, Apple Slushie, Sugar Plum, Lemonade, Grape Soda and Midnight Snack, as well as a top and base coats. The range is completed with an organic non-toxic **Nail Polish Remover**.

RRP: \$15.95 - 16.95 (Nail Polish), \$15.95 (Nail Polish Remover)
Stockist: 03 9357 7161

Website: www.biolving.com.au



Enjoy a great night's sleep

Lifespace Liquid Sleep is a fast acting herbal solution which works to calm and soothe the body and mind. Created to aid with sleep and anxiety disorders, Sleep contains a herbal blend of Zizyphus 3000mg, Lemon Balm 1000mg, Passionflower 500mg, Magnesium 200mg, Withania and Vitamin B6. The great thing about the product is that it is non-addictive, and does not need refrigeration. Naturally flavoured with orange, Sleep is also gluten and lactose free and does not contain any added colours or sugar.

RRP: \$29.99

Stockist: Available through API and Symbion

Website: www.mylifespace.com.au/retailer



Start spring with a fresh complexion

Trilogy's Gentle Facial Exfoliant manually removes dead skin cells and surface debris with smooth round jojoba wax micro-spheres. The product's nutrient rich base of sweet almond, evening primrose and organic rosehip oil also acts as an anti-inflammatory and antioxidant, whilst helping to keep skin hydrated. Meanwhile extracts of macadamia nut, and calendula soften skin, camellia oil adds an antioxidant boost, and frankincense, rose, geranium and lavender extracts soothe skin, leaving it clean, clear and radiant. The product is non irritating, and whilst it is a manual exfoliant, because of their spherical shape, the beads do not scratch the skin.

RRP: \$36.95 (75ml)

Stockist: 03 9533 1336

Website: www.trilogypproducts.com

A tiny TRUEresult

The world's smallest blood sugar meter, **TRUEresult twist**, fastens to the strip vial and fits into a special koosie for convenient portability. The twist's compact design means that the meter, strips and device can be used for testing anytime, anywhere. As an added bonus, the twist meter requires no coding, and needs only a small 0.5 microlitre sample size to produce results in as fast as four seconds. The meter also has an easy to read display and a strip release button to avoid handling of used strips after testing, and is able to store up to 99 tests.

RRP: \$29.95

Stockist: 1800 451 737

Website: www.niproaustralia.com.au



TGA drug warnings

THE Therapeutic Goods

Administration is advising Australians who have purchased Qing Tian Zhu tablets or Black Ant over the internet, to cease use immediately and discard them.

The warning follows lab analysis of the products which revealed the presence of sildenafil (the active ingredient in Viagra).

The TGA is also warning the public that the sale of Qing Tian Zhu or Black Ant tablets in Australia is illegal, see www.tga.gov.au.



DISPENSARY CORNER

ONLINE gamers teach scientists a thing or two.

A group of online video game players (gamers) have accurately mapped a 3D model of a monomeric protease enzyme (M-PMV), a feat which scientists have been unable to accomplish.

The enzyme is important because it could be used to help develop drugs for HIV and AIDS and researchers have been trying for decades to unravel its 3D shape in order to unfold and rotate it to reveal its potential targets for therapies.

Recently however scientists threw down the gauntlet for gamers to have a go, using a computer game designed by the University of Washington, titled Foldit, which pits teams of gamers against each other to unfold chains of amino acids using the game's tools.

It took just three weeks for the competitive gamers to do what automated scientific programs couldn't in over ten years, produce an accurate 3D enzyme model.

"We wanted to see if human intuition could succeed where automated methods had failed," said Firas Khatib of the University of Washington's biochemistry lab.

"The ingenuity of game players is a formidable force that, if properly directed, can be used to solve a wide range of scientific problems," Khatib added.