

Superbug secret is out

AN INTERNATIONAL study led by Monash University has discovered the molecular mechanism by which the potentially deadly superbug 'Golden Staph' evades antibiotic treatment, providing the first important clues on how to counter superbug antibiotic resistance.

Monash researchers working with Israel and Singapore colleagues have identified the first clues on how to 'retool' antibiotics to counter bacteria, with the findings published in the journal *mBio*.

"The bacteria mutates or evolves to change the shape of the molecule to which the antibiotic would bind so the drug can no longer fit there," BDI lead researcher Dr Matt Belousoff said.

Researchers are now using this information to investigate other drug-resistant bacteria.

Visit mbio.asm.org for the paper.

Probiotic success

PROBIOTIC supplementation with bifidobacterium lactis BI-04 has been shown to help maintain healthy respiratory immune function in new research sponsored by DuPont and published in *Beneficial Microbes* - [CLICK HERE](#).

Review report submitted

THE long-awaited interim report from the Review of Pharmacy Remuneration and Regulation has been lodged with Health Minister Greg Hunt, with the Health Department last night telling **PD** it will be released publicly this financial year.

However some details have leaked, with review chair Stephen King saying options put forward are based on the premise that pharmacists are "agents of government ensuring the safe dispensing of medicine," according to a report in pharmaceutical industry newsletter *Pharma in Focus*.

King was quoted as saying he believes the profession will welcome the review's approach but "it has implications...agents by their very nature have certain requirements, for accountability for example, and they are covered in our report."

Tamper-evident code

THE TGA has released an updated code of practice for tamper-evident packaging of therapeutic goods, along with a consumer information page online at tga.gov.au.

"Our report very much focuses in that direction and the options we put forward are very much along those lines and that's what makes it somewhat different," he said.

The interim report was due to be handed down about three months ago but was delayed due to the serious illness of one of the panel members (**PD** 06 Mar).

King also declined a planned appearance at APP2017 where Guild President George Tambassis blasted King's "major mistakes... bad choices [and] serious preconceived ideas" (**PD** 10 Mar).

US opioid crisis

AS THE US opioid abuse epidemic continues to claim lives at a rapid rate, the search for the heroin high is creating a dangerous situation for pharmacies, reports *CNBC*.

Police have responded to over 500 pharmacy robberies in Illinois and Indiana since 2012, according to statistics compiled by the Drug Enforcement Administration.

In many security camera videos, pharmacists and their staff members can be seen being threatened, pushed or held at gunpoint by robbers who are demanding opioids and anti-anxiety medications which are known to ease withdrawal and mellow a high.

According to the US National Association of Boards of Pharmacy, the thefts may end up having the harshest effect on patients who genuinely need prescription painkillers, with pharmacy likely to simply cease carrying the products.

TGA pulls IntelliVue

HEALTH professionals are advised that the Therapeutic Goods Administration (TGA) has suspended the licence to supply Philips IntelliVue MX40 wearable patient monitor after identifying a significant increase in reports of incidents where the device's speaker has failed.

Go to tga.gov.au for details.

WIN WITH PLUNKETT'S

Each day this week, Pharmacy Daily and Plunkett's are giving away Plunkett's Vita E Cream, Ointment and Oil.

Plunkett's Vita E combines potent levels of Vitamin E plus rich Rosehip Oil. Natural Vitamin E ensures quick absorption and a soft cream texture while helping skin retain moisture. Rosehip Oil is rich in vitamins A and C and helps improve skin elasticity. For more [CLICK HERE](#).

To win, be the first from VIC or TAS to send the correct answer to the question to comp@pharmacydaily.com.au

True or False – Plunkett's Vita E is based on Natural Vitamin E?

Congratulations to yesterday's winner, Sally Brown from Flinders Medical Centre.

COPD: demonstrating devices, evaluating medicines

Up to 90% of patients who use an inhaler device don't use it correctly.

Support your patients by adopting best practice methods to teach and assess inhaler technique.



Pharmacy Practice Review
Enrol now ▶

NPS
MEDICINEWISE
PROFESSIONAL

Don't let the brand own you



Own part of your brand

(AND INVEST IN WHAT'S IMPORTANT ▶ YOUR FUTURE)

[CLICK HERE](#) to meet the family **WIZARD** pharmacy



Dispensary Corner

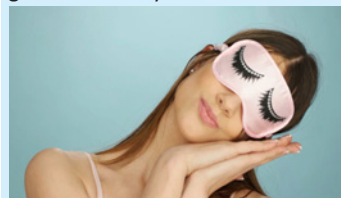
THERE is a reason why there's beauty in beauty sleep.

King's College in London took photos of 25 women after two nights in which one group slept about seven and a half hours and the others for an average of four hours and 15 minutes.

When 122 people were asked to rate the subjects' beauty on a seven-point scale, those with less sleep came out 0.2 points lower.

That may be because sleepless people can appear more sad as their mouths droop more, they seem more pale as a lack of sleep reduces blood flow to the skin and swollen red eyes & hanging eyelids are a dead giveaway.

People have more glossy hair and a fresher and more healthy glow when they are well rested.



IN OTHER news, it's no more cheese please for some people that have a condition called histamine intolerance.

The digestive enzyme in our guts called diamine oxidase is meant to break down a component of stomach acid known as histamine and for some...it refuses to budge.

Many of life's delights like cheese, wine, beer, cider & cured meat can't be enjoyed without battling pounding headaches, tummy pains, itching and rashes.

A 2007 paper in the *American Journal of Clinical Nutrition* suggested 1 percent the population have HIT, 80 percent being middle-aged.

WSMIGA registration open

THE World Self Medication Industry has opened registrations for its upcoming General Assembly 2017 (WSMIGA) which will be held in Sydney from 17-19 Oct 2017.

The event is themed 'The Economic Value of Self Care,' with key speakers including a number of prominent Australian pharmacists.

The WSMI is the peak body representing the global non-prescription medicines sector, embracing regional and national industry associations as well as manufacturers and distributors.

Taking place at Sydney's new International Convention Centre, the General Assembly is only held once every four years and is being jointly hosted by the Australian and New Zealand Self Medication Industry associations.

"The event attracts industry stakeholders, thought leaders, regulators, academics and representatives of the self-medication industry from around the globe," ASMI said.

The two-day conference will feature five themed sessions tackling the key drivers of self-care and the policy changes required to improve health care systems.

Presenters include Paul Sinclair, president of the community pharmacy section of the International Pharmaceutical Federation, as well as Professor Charlie Benrimoj from the Graduate School of Health at University of Technology Sydney.

International participants will describe the situation in Japan, the USA, Mexico, NZ and Canada.

The conference concludes with a Regulators' Forum hosted by Therapeutic Goods Administration chief John Skerritt, bringing together regulators from across the globe to discuss issues unique to the regulation of non-prescription medicines.

ASMI's annual Diamond Awards will also form part of the congress, with registration details and earlybird discounts now available online at wsmiga2017.com.

Amazon pharmacy?

GLOBAL online retailing giant Amazon is considering a push into the pharmacy market, with the recruitment of a general manager to tap into the "multibillion dollar opportunity" of selling prescription drugs, according to US reports this week which have seen declines in the share prices of CVS and Walgreens Boots Alliance.



Raven's
recruitment

Your Pharmacy Recruitment Experts

FreeCall: 1800 429 829
Email: info@ravensrecruitment.com.au
Web: www.ravensrecruitment.com.au

Jobs of the Week

- **Pharmacist** - Gold Coast, QLD (Job# 200014115)
Early Career Team Pharmacist with Professional Services Focus
- **Pharmacist In Charge** - Melbourne's far south east, VIC (Job# 200013988)
With a Pharmacist, Intern & two Techs this forward dispensing phcy needs you!
- **Pharmacist In Charge** - Canberra, ACT (Job# 200014100)
Like challenge of taking this newish business to next level? PPI's + Clinical

Share your career vision with us and we'll help get you there!



Events Calendar

WELCOME to **Pharmacy Daily's** events calendar, opportunities to earn CPE and CPD points.

If you have an upcoming event you'd like us to feature, email info@pharmacydaily.com.au.

21 May: 2017 PSA WA Annual Seminar; Pan Pacific Perth; register here: www.psa.org.au

4-5 Jun: Naturally Good Expo; ICC Sydney; pre-register for free or \$30 at the door - details here: naturallygood.com.au

16-18 Jun: ConPharm 2017; Hotel Grand Chancellor, Hobart; find out more: www.aacp.com.au

28-30 Jul: PSA17; Hyatt Regency, Darling Harbour, Sydney; for details see: www.psa17.com

5-9 Aug: Medici Capital Pharmacy Snow Business Conference 2017; Mt. Buller, Victoria; register your interest here: www.medici.com.au

6-12 Aug: Pharmeducation Pharmacotherapy Update; Cable Beach Club Resort, Broome; details here: www.pharmeducationbroome.com

1-3 Sep: Pharmacy Connect; Hilton Hotel Sydney; register here: www.pharmacy-connect.com.au

10-14 Sep: 77th FIP World Congress of Pharmacy and Pharmaceutical Sciences 2017; Seoul, Republic of Korea; register here: www.fip.org

17-19 Oct: World Self Medication Industry General Assembly 2017; ICC Sydney; registrations opening soon: www.wsmiga2017.com

Pharmacy Daily is Australia's favourite pharmacy industry publication.

Sign up free at www.pharmacydaily.com.au.

Postal address: PO Box 1010, Epping, NSW 1710 Australia

Street address: Level 2, Suite 1 64 Talavera Rd, Macquarie Park NSW 2113 Australia
P: 1300 799 220 (+61 2 8007 6760) F: 1300 799 221 (+61 2 8007 6769)

Part of the Business Publishing Group.

Pharmacy Daily is a publication of Pharmacy Daily Pty Ltd ABN 97 124 094 604. All content fully protected by copyright. Please obtain written permission to reproduce any material. While every care has been taken in the preparation of the newsletter no liability can be accepted for errors or omissions. Information is published in good faith to stimulate independent investigation of the matters canvassed. Responsibility for editorial comment is taken by Bruce Piper.

Publisher/Editor in chief: Bruce Piper

Managing Editor: Jon Murrie

Reporter: Mal Smith

Contributors: Matt Bell, Rebecca Le Bas, Jasmine O'Donoghue

Advertising and Marketing: Sean Harrigan and Melanie Tchakmadjian advertising@pharmacydaily.com.au

Business Manager: Jenny Piper accounts@pharmacydaily.com.au

Editorial: info@pharmacydaily.com.au

