

NOVEMBER 2017

PROVIDING INNOVATIVE SOLUTIONS TO THE PHARMACEUTICAL, COSMETIC, SKINCARE, & CONSUMER PRODUCTS INDUSTRIES

#### **OVERVIEW**

- Expanded the number of products licensed to P&G & in-market from one to three, across two brands
- Surface Hygiene technology being tested at a major FMCG company's laboratory, exploring application in two product categories
- Finalised the second technology licensing agreement with all terms confirmed, awaiting only P&G's execution
- OBJ is committed to developing its own products containing its technologies & securing distributors
- P&G informed the Company this week that they are about to surpass 1,000,000 devices sold incorporating OBJ's magnetic micro-array technology.
- Additional product & licensing opportunities under development with new & existing partners in haircare, oral healthcare

- Bodyguard OBJ's manufacturing partner has produced the first pre-production samples which are being provided to several identified licensees for market evaluations
- Board under reconstruction with the addition of Steve Schapera & recruitment of a new Chairman underway

- BodyGuard's Array/ HydroGel system being clinically evaluated at Curtin University trial to demonstrate its ability to provide superior delivery of partner drugs
- Well funded (>\$4.9m cash on hand)

## **CORPORATE INFORMATION (A\$)**

KEY STATISTICS (08.11.2017)				
ASX code	OBJ			
Current share price	\$0.041			
52 week high	\$0.081			
52 week low	\$0.03			
Shares on issue	issue ~1,805m			
Market capitalisation	~\$73m			
Revenues (Half-year 2017)	\$1.43m			
Cash (September 2017)	~\$4.9m			

SHAREHOLDER BREAKDOWN				
Top 5 shareholders	7%			
Top 20 shareholders (inc top 5)	21%			
Management	6%			

#### **BOARD OF DIRECTORS**



**MR GLYN DENISON** 

**Non-Executive Chairman** 

Glyn has more than 30 years experience in international business development including 16 years in technology-intensive industries. Glyn has worked in Europe, China, South-East Asia & Australia & has extensive networks & contacts across Europe.



**MR JEFFERY EDWARDS** 

**Managing Director** 

Jeff is responsible for scientific & technology development of the Company as well as business development & the Company's international partnering programs.



**DR CHRISTOPHER QUIRK** 

**Non-Executive Director** 

Chris has been involved for 25 years in both teaching & research at the University of Western Australia & has worked both in the public & private sector as a consultant dermatologist. Dr Quirk is a Fellow of the Australasian College of Dermatologists & a member of the American Academy of Dermatology.



**MR STEVEN SCHAPERA** 

**Non-Executive Director** 

Steven has been a highly successful developer and distributor of cosmetics and his industry knowledge is a highly valued background as OBJ continues with the development of its own products.

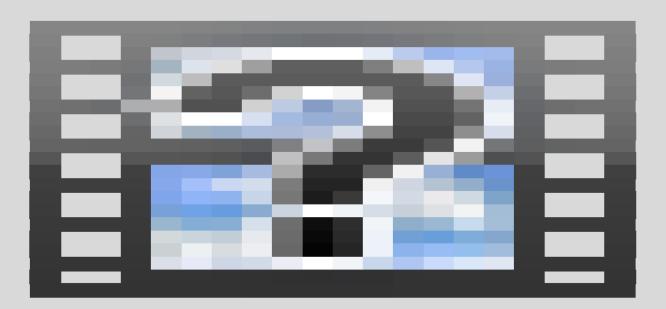
**NEW CHAIRMAN** – the company has engaged an agency to secure a new Chairman to take the company to the next stage of its development

#### THE SCIENCE OF DIAMAGNETIC REPULSION



OBJ uses physical rather than chemical science to enhance product performance

Uses weak atomic force physics to control processing in drug & ingredient delivery that limit existing product efficacy & performance



OBJ Diamagnetic Repulsion Video – see <a href="https://www.obj.com.au">www.obj.com.au</a> to view online

### **TECHNOLOGY PLATFORMS**

MAGNETIC MICRO-ARRAY TECHNOLOGY	PARTNER	PRE-CLINICAL	PRODUCT DEVELOPMENT	IN MARKET
Skincare	P&G – exclusive	<b>→</b>	✓	1
Consumer Healthcare	Pfizer, RB , Mentholatum evaluating	<b>→</b>		
OTC Healthcare	Various partners	<b>\</b>		
DCE (EMULSION MANIPULATION TECHNOLOGY)				
DCE Skincare	Partners evaluating	$\checkmark$	<b>✓</b>	
BODYGUARD				
BodyGuard suite	Non-exclusive signed w/ Japanese co.	<b>&gt;</b>	<b>✓</b>	
SURFACE & SKIN HYGIENE				
Surface hygiene	Partners evaluating	$\searrow$		
ADVANCED PACKAGING				
AP Skincare	P&G + others	<b>→</b>	<b>✓</b>	

#### HISTORY WITH PROCTER & GAMBLE



#### **PRODUCTS IN MARKET**

#### **Eye Wands**





# Magnetic Boosters

RNA Bundle RNA Power Essence





# Olay MagneMask Jar Mask & Substrate Mask products





#### FURTHER OBJ TECHNOLOGIES UNDER DEVELOPMENT

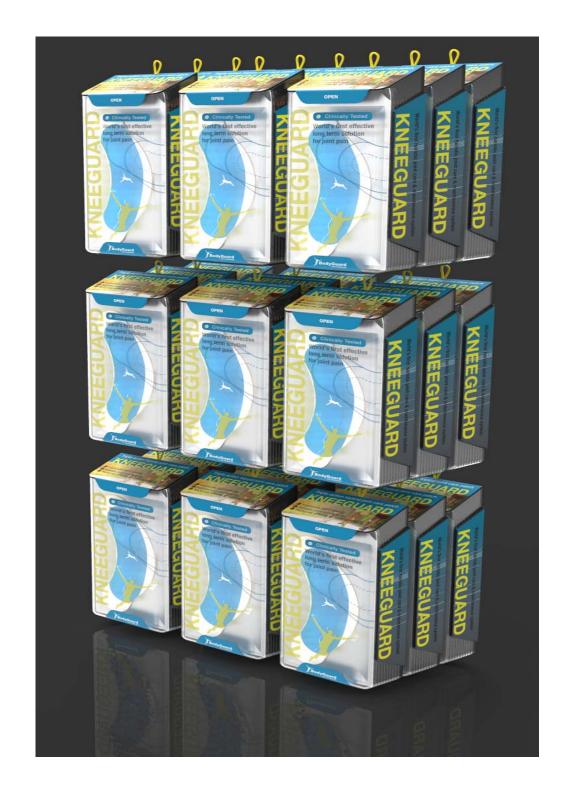






#### **BODYGUARD PROGRESS**

- First KneeGuard prototypes received from OBJ's manufacturing partner
- Potential marketing & distribution partner intends undertake & fund European consumer concept & clinical efficacy studies
- New Array Hydrogels technology being clinically trialed for the delivery of NSAID with the view to offering the world's first topical patch that is superior & safer than oral tablet forms



#### **BODYGUARD**

## WORLD'S FIRST PRODUCT RANGE ENGINEERED TO REVERSE THE EFFECT OF JOINT AGEING





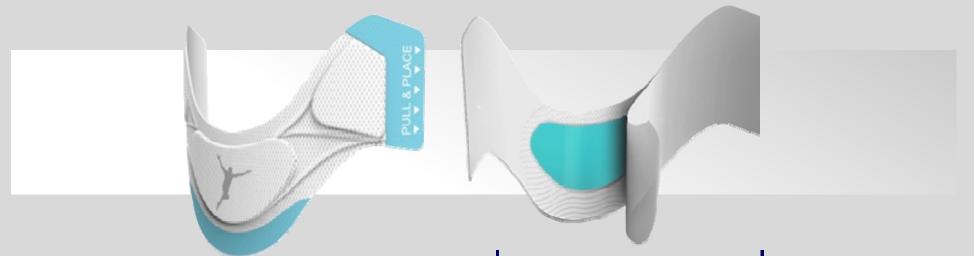


New Array/Hydrogel
hybrid system being
clinically trialled with a
view to opening new
opportunities in
pharmaceutical &
therapeutic markets

Secured
manufacturing
collaboration
with one of the
world's leading
sports tape
manufacturer

Discussions
well advanced
for distribution
with four major
FMCG &
pharmaceutical
companies

#### **BODYGUARD CLINICAL TRIAL RESULT**



Clinically shown that
Bodyguard & its proprietary
drug-free formulation
provided superior restoration
of pain free mobility in cases
of chronic osteoarthritis than
topical non-steroidal, antiinflammatory gel
(Novartis Voltaren)

Clinically shown to preserve joint lubrication & energy absorption during exercise which translated into superior restoration of function & greater joint pain reduction than current analgesics

Now established that OBJ's technology platforms have increased the efficacy of a wide range of therapeutic agents including vitamins, minerals, electrolytes & supplements that are significantly limited by normal first pass metabolism. Discussions well advanced with Reckitt Benckiser, Pfizer & Beiersdorf

Product design now maturing for Kneeguard – other joint treatments commencing.

Collaborative
Development
Agreement with
Japanese
manufacturing partner

#### **ADVANCED PACKAGING PROGRAMS**



By incorporating new technologies directly into 3<sup>rd</sup> party packaging forms, OBJ provides partners with the ability to rapidly innovate new consumer focused product forms without the need for altered chemistry or regulatory approvals.

First two products from this program already committed to market launch.



#### **SURFACE HYGIENE PROGRAM**



- Surface disinfection is a global hygiene concern
  as bacteria become resistant to current disinfectants.
   OBJ surface hygiene technology has demonstrated a
  two fold increase in the kill rate of Golden Staph
  bacteria in University studies.
- Recent research findings has expanded the application fields for OBJ's technologies to include anti- fungal treatments.

- By increasing the penetration of common disinfectants into the surfaces that dominate hospitals & homes, OBJ can potentially deliver significantly increased hygiene outcomes without the need for harsher or more toxic chemistry.
- Multiple applications of OBJ technology being evaluated by one of the world's leading house-hold names in hygiene & cleaning products.

#### **EXPANSION OF OBJ SKIN SCIENCE LAB**



Laboratory resources comprise a Chief Scientist, Laboratory

Manager, three highly skilled laboratory technicians & a Device

Engineering Manager

The expansion programs to OBJ's respected skin science laboratory, undertaken earlier this year, has seen an increase in sample through-put capability of 300%, while maintaining the same staffing levels.

This is due to the two new mass spectrograph analysers installed as part of the expansion, which substantially reduced sample processing times over the previous HPLC based systems.

OBJ's skin science laboratory provides *in-vivo* & *ex-vivo* skin penetration evaluations for partner molecules using both human tape stripping & Franz diffusion cells using both human & artificial tissues.

#### **HIGHLIGHTS**



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#### **GLYN DENISON**

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