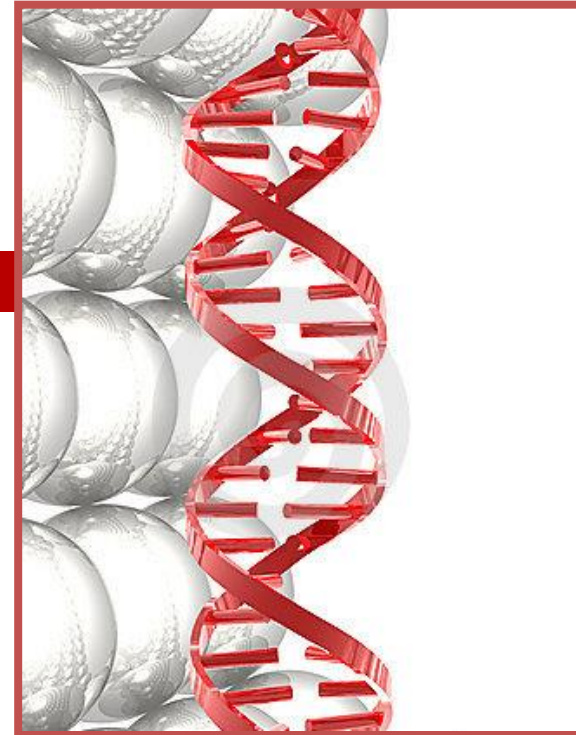




Diversified Biotechnology Company

Anton Uvarov PhD
Executive Director

Investor Presentation
September 2014



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Company Overview After Capital Raising

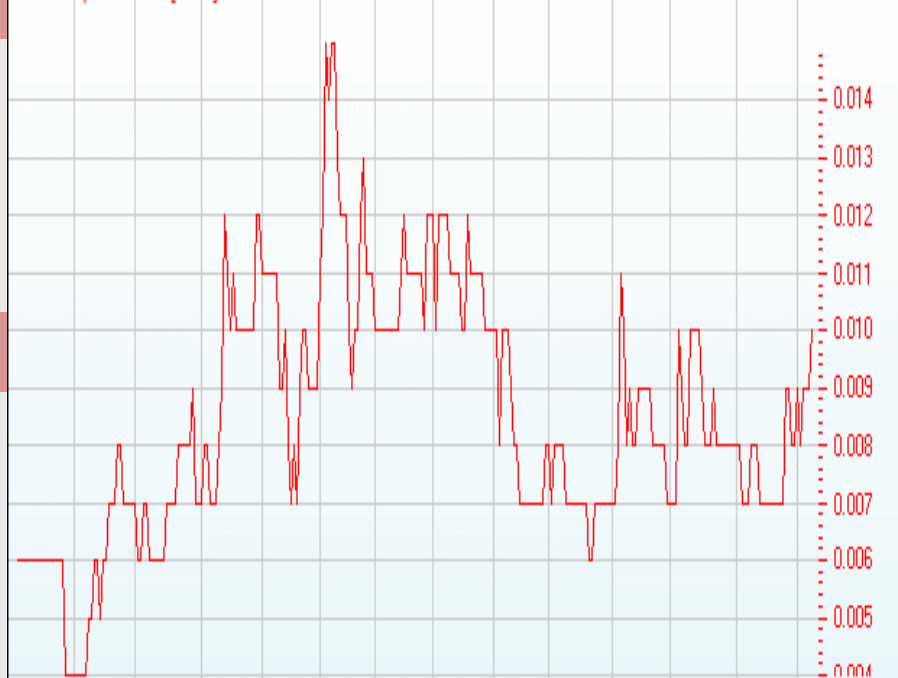
Corporate Overview

ASX Code:	SBN
Share Price:	\$0.01
Market cap:	\$4.1m
Cash:	\$1.8m
Shares on issue:	413.6m
Options:	20.9m

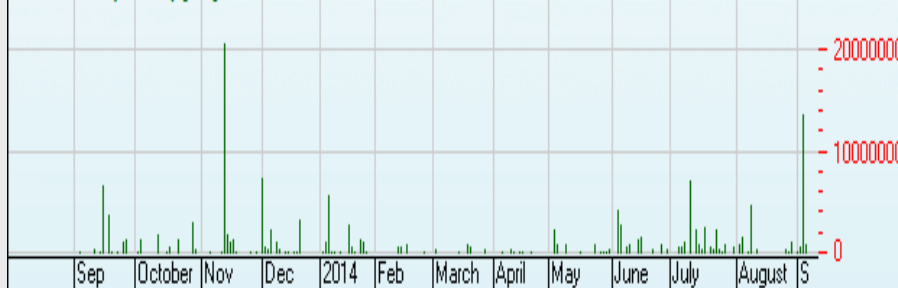
Board of Directors

Mr Howard Digby Executive Chairman	Former senior roles at IBM, Adobe, Gartner and the Economist Group, currently Non-Executive Director of Cynata Therapeutics
Dr Anton Uvarov Executive Director	Former Healthcare Equities Analyst at Citigroup (US), currently Non-Executive Director of Actinogen Limited
Mr Evan Cross Non-Executive Director	Currently Executive Director of Greenday Corporate
Mr Peter Webse Non-Executive Director	Currently Managing Director of Platinum Corporate Secretariat, Non-Executive Director of Cynata Therapeutics

SBN - Daily Line Chart [Close]



SBN - Volume (with MA) [200]



Sun Biomedical Product Pipeline



New Therapeutics and Diagnostics for Asthma

Proof-of-Concept Pre-Clinical Stage Clinical Stage Product launch

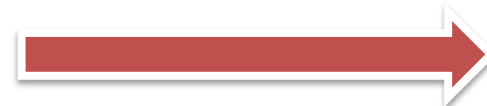
SBN-01 (in partnership with Telethon Kids)



Oraline® Family - Workplace and personal saliva testing solutions

Product Design Prototype Validation Manufacturing (Market Ready) Product launch

Oraline® 4 (standard Strip)



Oraline® 6 (new IP, dual Strip)



New Research Collaboration in Asthma



World Leading Institution as Research Partner



Study Objective

- i. To identify genes which have potential utility as a diagnostic and/or therapeutic target that are predictive of asthma
- ii. To perform a detailed study of immune responses to house dust mite in allergic subjects with or without asthma, to determine if there is a specific pattern of immune responses associated with asthma

Two Stage Study Design

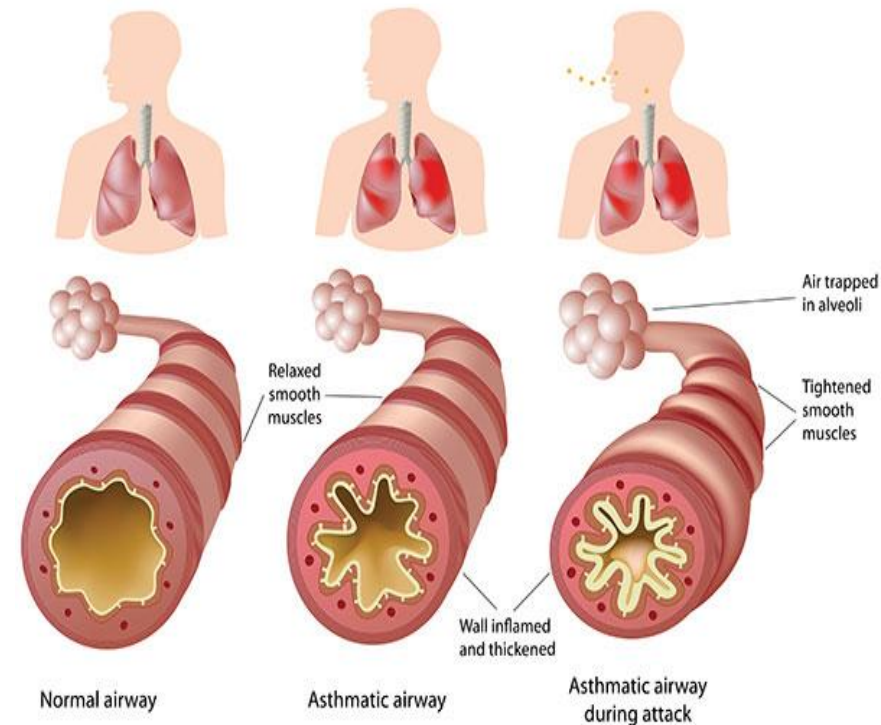
- i. The discovery cohort will consist of 15 house dust mite allergic subjects with asthma and 15 house dust allergic subjects without asthma.
- ii. The validation cohort will consist of another 30 house dust mite allergic subjects (15 with asthma and 15 without asthma)

Study Completion – YE2015

Asthma – Huge Medical Need



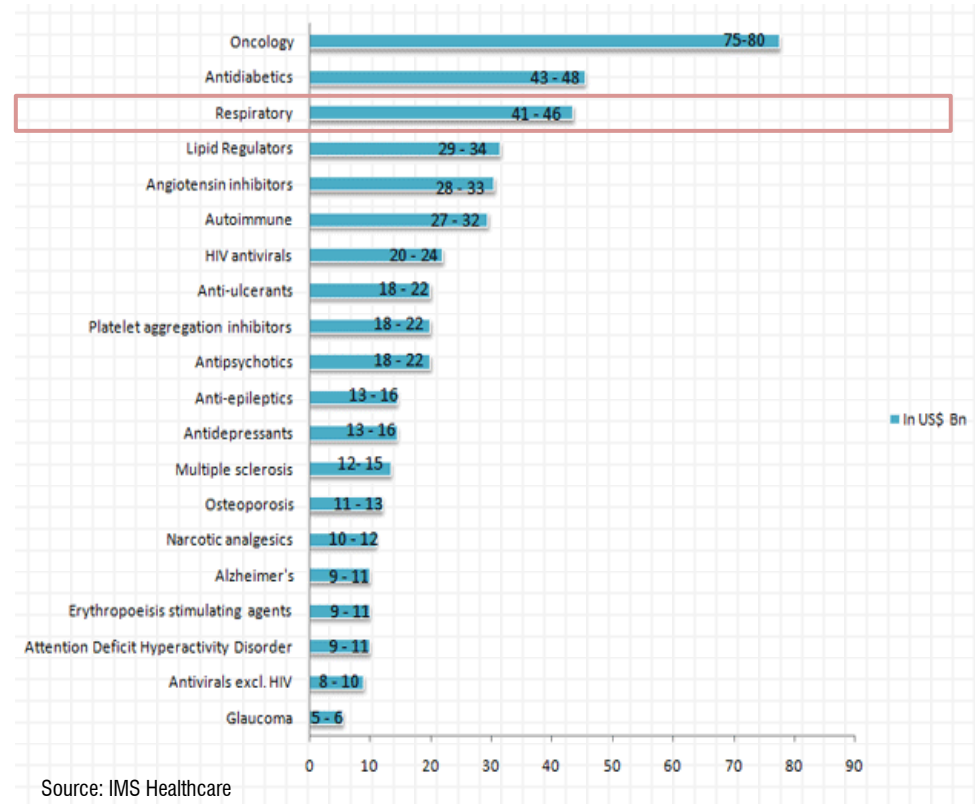
- ⊙ The cause not really known, though clear links to both genetics (family history) and environment
- ⊙ In an asthmatic person, the muscles of the bronchial tubes tighten and thicken, and the air passages become inflamed and mucus-filled, making it difficult for air to move
- ⊙ According to WHO estimates, **235** million people suffer from asthma with **59%** having uncontrolled disease
- ⊙ Asthma is the most common chronic disease among children
- ⊙ Asthma is under-diagnosed and under-treated, creating a substantial burden to individuals and families



Asthma – Large Commercial Opportunity



- ⊙ Asthma and related respiratory disease will be the third largest global therapeutic categories, with **\$41B - \$46B** in combined sales
- ⊙ As the industry looks to the future, this growing market represent an opportunity for manufacturers to introduce novel molecules, new combinations and innovative delivery devices to help better treat patients.
- ⊙ Most widely-used asthma medicines today employ a molecule that has long since lost patent protection, instead relying on unique, patented delivery devices
- ⊙ New first-in-class molecules could challenge top selling brands like Advair (\$5B+ in sales) and Singulair (~\$4B in sales)



The Importance of the Proof-of-Concept Study



House Dust Mite (HDM) allergy is a significant risk factor for asthma in many countries

Allergic sensitization induced by exogenous allergenic molecules (HDM allergens) is the result of exposure of organs of the human body to such molecules. In this interplay, intrinsic properties of the exogenous proteins and environmental co-factors certainly play a role, but **host-immune factors are of crucial importance to explain why every individual exposed to such an allergen does not develop an allergy.**

Predisposition for developing allergy is the result of a complex multifactorial interplay of genes and environment. To understand the immunobiological mechanism of sensitization to allergens, their interaction with relevant structural and immune cells during mucosal exposure and entry, is of the utmost importance. **Understanding could lead to development of novel therapies with disease modifying potential.**

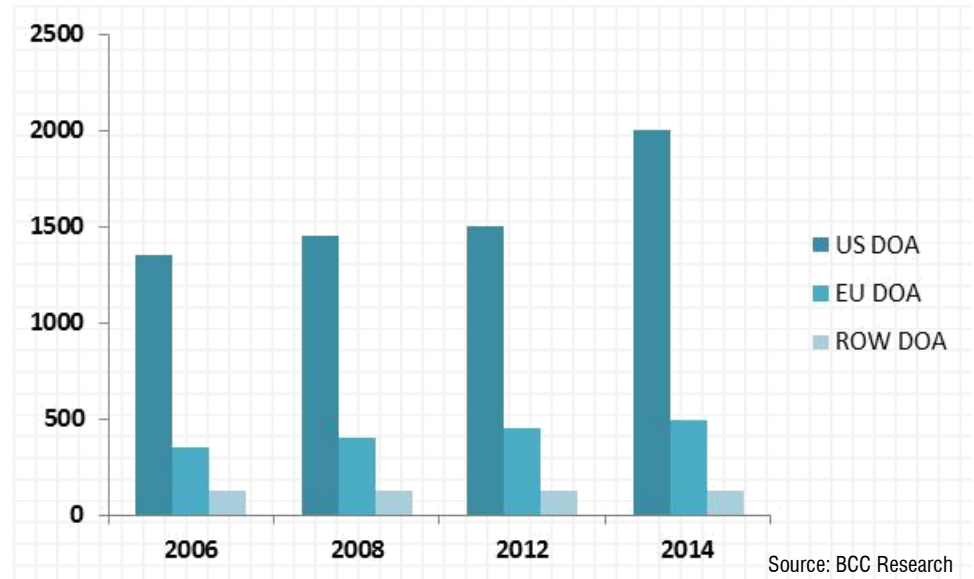
Dust mites are the most common allergen-producing organism found in homes. They live in carpets, upholstered furniture, bed pillows and mattresses. If the relative humidity in your home is below 50%, dust mites die. If the relative humidity rises above 50% they thrive and reproduce, their appetite increases, and therefore **their fecal matter**, the source of the dominant dust mite allergen, **increases**. Ninety percent of the population that experiences any allergy-based symptoms reacts to dust mite allergen.



Drugs of Abuse (Saliva Test) – Market Opportunity



- ⊙ The global market for DOA testing during past 5 years showed compound annual growth rate (CAGR) of 4.6%. It is expected to reach \$2.6 billion in 2014 and \$3.4B by 2018
- ⊙ The U.S. testing market segment generated the largest share of revenues in the previous 5 years and is expected to reach \$2.0 billion in 2014, with a CAGR of 5.2%
- ⊙ The European Union had the second largest market segment and is expected to reach \$446 million in 2014, with a CAGR of 2.9%
- ⊙ In Australia a campaign by unions to end urine testing of employees to detect alcohol and drug use recently had another win with the Fair Work Commission declaring workers at a state-owned energy company are to be tested using saliva test



Oraline® Product Family



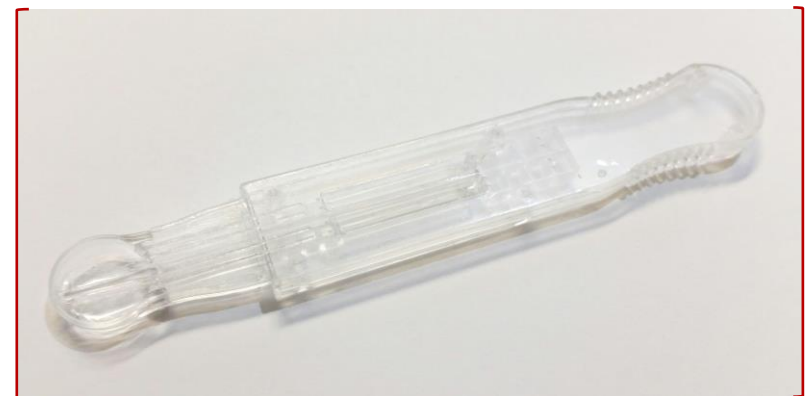
⊙ Oraline®4

- unique cap collection mechanism
- prototype developed and initial product run completed
- NATA approved laboratory tests of Oraline®4 completed in 1H2014
- Further tuning of the test strips within the device is currently ongoing with existing and new manufacturers



⊙ Oraline®6 (dual strip)

- dual strip mechanism for better accuracy
- SUN Biomedical acquired drawings and design documentation in 1H2014
- ability to detect up to six drug substances
- currently planning prototype development and first tests for Oraline®6



Sun Biomedical – Intellectual Property



US Patent Number	Description
6046058	Colour Coded Test Strip
5962336	Multi-Test Panels
6372516	Lateral Flow Test Devices
7041253	Sample Collection and Test Device
7300627	Test Sample Collection System

Investment Highlights and Key Value Drivers



- ⦿ Experienced management and board dedicated towards building the company and product pipeline in lean approach
 - ⦿ Investment in new technologies and intellectual property based on extensive research and market analysis
 - ⦿ Focus on products with high unmet need and defined regulatory pathway
-
- ⦿ Oraline®4 strip fine tuning to be completed
 - ⦿ Oraline®4 product validation with NATA certified laboratory
 - ⦿ Oraline®4 product launch
 - ⦿ Oraline®6 prototype development and first tests to be completed
 - ⦿ Oraline®6 product validation with NATA certified laboratory
 - ⦿ Oraline®6 product launch
 - ⦿ Distribution agreements and licensing to third parties for Oraline® product family
 - ⦿ Proof-of-concept study results to identify new genes and immune response mechanisms to house dust mites in asthmatic subjects
 - ⦿ Acquisition of new technologies in the respiratory therapeutic category