



# Acquisition of Novartis' Influenza Vaccines Business

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**CSL**<sup>™</sup>

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# Acquisition of Novartis' influenza vaccines business for US\$275 million

- Attractive opportunity to create leading global position
- Scale economies, product differentiation and pandemic preparedness contracts to drive sales growth and robust margins
- State-of-the-art facilities with substantial capacity to support growth
- Significant value creation potential for CSL and enhanced strategic optionality for bioCSL

# Combined business well placed for growth

- #2 position in global influenza vaccine industry
- Combined influenza vaccine sales expected to approach US\$1 billion in 3 to 5 years
- Well positioned for growth following recent significant investment
  - ✓ State-of-the-art facilities in Holly Springs, US and Liverpool, UK
  - ✓ Diversified, late stage pipeline
- Significant pandemic preparedness contracts, including US and UK
- Synergies estimated at US\$75 million pa by FY20

# Influenza vaccine industry dynamics

- US\$4 billion global industry for seasonal influenza vaccine
- In typical year:
  - 5-20% of the global population contract influenza
  - 3-5 million cases of severe illness
  - 300,000-500,000 deaths
- Industry currently shifting from TIV to QIV
- Governments increasingly focused on local production for pandemic preparedness

# Current bioCSL influenza business transforming

- Anticipate FY15 Northern Hemisphere sales of ~22 million doses vs 18 million doses in FY14
- Established commercial infrastructure in US, achieving 45% volume growth in FY15
- FDA approval of first needle-free delivery system for inactivated influenza vaccine
- New product registrations in Europe
- Commenced clinical trials for QIV
- Focusing on speed to market and operational efficiencies

# Differentiated product portfolio



- Differentiated, adjuvanted influenza vaccine
- Currently registered outside US for 65yr+
- Manufactured in Liverpool, UK



- Cell-culture influenza vaccine
- Currently registered for 18yr+
- Holly Springs, US, licensed for seasonal production in 2014



- Existing bioCSL influenza vaccine
- Currently indicated for 5yr+
- Manufactured in Parkville, Australia

# Key R&D Programs Well Advanced



TIV



Filing

- Filing in 2014



TIV



Phase III

- PIII completing 2014
- Expand age (18yr+ to 4yr+)

aQIV



Phase III

- Adjuvanted QIV
- Filing in 2015+

QIVc



Phase III

- Cell culture QIV
- Filing in 2015+



QIV



Phase III

- Age 18yr+
- Filing 2015

QIV



Phase III

- Age 5yr+
- Filing 2016



QIV



Phase III

- Age 6mo+
- Filing 2017



bioCSL Product



Novartis Product

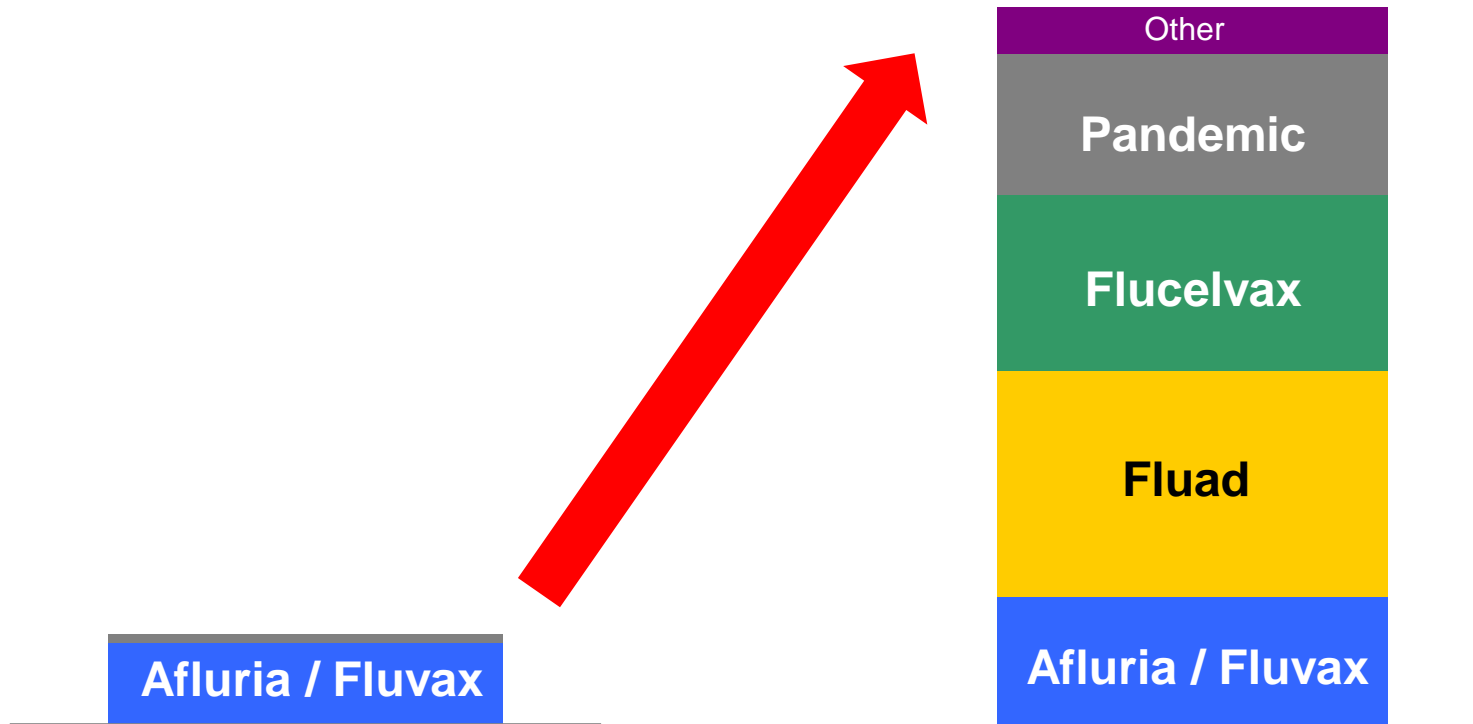




# Medium term product portfolio expansion

bioCSL standalone  
revenue

bioCSL + Novartis influenza  
revenue in 3-5 years



# Addition of state-of-the-art cell culture and egg based manufacturing capabilities



*Holly Springs, US*



*Liverpool, UK*

## **Overall Network**

- Pandemic and seasonal capacity
- State-of-the-art facilities

## **Holly Springs, US**

- Cell culture production, first major advancement in influenza production in over 40 years
- Result of joint partnership with US Department of Health and Human Services
- Capacity of 50m seasonal doses

## **Liverpool, UK**

- Egg-based production
- UK's only injectable flu vaccine facility
- Capacity of 40m seasonal doses

## **Marburg, Germany**

- Vaccine-sparing MF59 vaccine adjuvant, shown to enhance immune response

# Key Novartis influenza vaccine business financials

## Key P&L Items 12 Months to 31 Dec 2013

Net Sales	US\$527 million
R&D	US\$144 million
EBITDA <sup>(1)</sup>	(US\$138 million)

## Key Balance Sheet Items as at 31 Dec 2013

PP&E	US\$687 million
Inventory	US\$90 million

(1) Equivalent to operating income before depreciation and amortisation

# Financial impacts

- Fair value of net assets acquired expected to exceed consideration, resulting in a one-off accounting gain
- Financial impacts
  - Including accounting gain on acquisition, accretive in FY16
  - Accretive within 2-3 years
  - Synergies of US\$75 million per annum by FY20
  - Integration costs of US\$100 million predominantly in FY16
- Funding
  - Funding through surplus cash
  - No impact on A\$950 million buyback announced at AGM
  - Acquisition expected to close during second half of CY15
  - Transaction costs in FY15