



**Corporate Overview** 





### Why Del Mar Pharma?

- Our lead drug is approved in overseas markets
  - Opportunity for near-term revenue
- > We know the drug works in our target indication
  - Human clinical trial data from National Cancer Institute
- Our business model is unique & well validated
  - Opportunity for significant near-term exit
- Our team has done this before



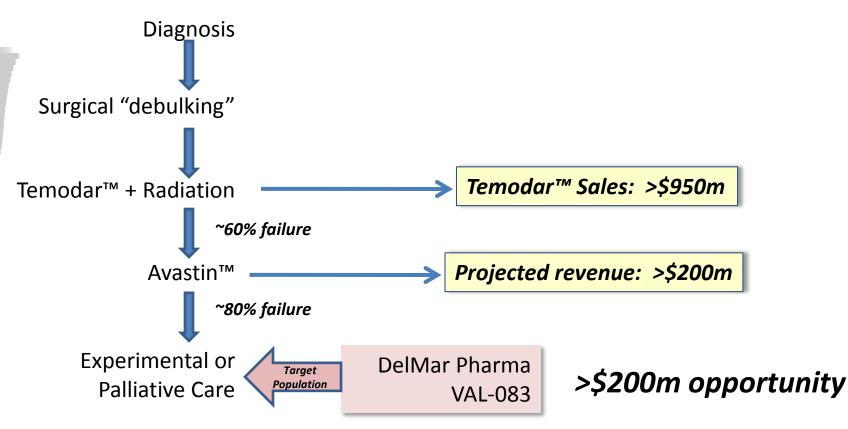
### **Company Overview**

- Founded in 2010
  - Rapidly developing & commercializing proven cancer therapies in orphan indications for patients failing modern biologic therapy
- > VAL-083: First product opportunity
  - U.S. IND filed Q4'10: Refractory Glioblastoma Multiforme (post-Avastin failure)
  - Second orphan indication defined
  - Four new patents filed 2009/10
- Significant near-term revenue potential
  - International markets where drug is already approved
- > Defined pipeline expansion opportunities
- Experienced corporate & drug development team on board
- Seeking \$5m in new capital
  - Current bridge round of \$1.5 million primarily to fund Phase II Human Clinical Trial

## **DelMar** PHARMACEUTICALS

# Glioblastoma Multiforme (GBM): The Challenge, Opportunity & Competition

- Glioblastoma Multiforme (GBM)
  - Most common & most aggressive of primary brain tumors
  - 20,000 cases in N. America Annually
- Current Treatment Paradigm





# Del Mar Pharma Development Strategy

Front-line vs. Refractory: Regulatory Pathway

#### LONG DEVELOPMENT HORIZON

- New drug as standard of care in **-VS-** front-line GBM therapy Registration Study Design
  - Randomized study vs. Standard of Care
  - >700 patients
  - \$70 \$100 million
  - $\blacktriangleright$  6 7 years

#### FAST-TRACK

- New drug as standard of care in salvage/ refractory situation – Registration Study Design
  - Single Arm Open Label
  - ▶ 80-100 patients
  - ▶ \$8 \$10 million
  - ▶ 2 3 years
  - Potential fast-track & early approval based on "compassionate use"

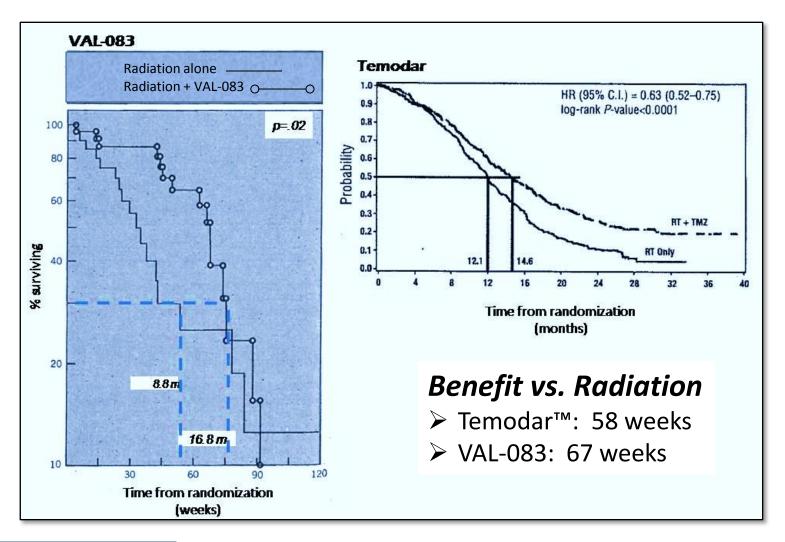
### **DelMar** PHAR MACEUTICALS

# The Del Mar Pharma Solution: VAL-083 Drug Profile

- Small-molecule chemotherapeutic
  - First-in-class chemistry
- Well characterized mechanism of action
  - Bi-functional akylating agent
  - Not cross resistant to current therapies
- Validated in more than 40 United States human clinical trials (National Cancer Institute) / Commercial product in China
  - Demonstrated efficacy in multiple tumor types
- Pharmacokinetics/Pharmacodynamics
  - Orally bioavailable
  - Rapidly crosses blood-brain-barrier with long half-life in CNS
  - Selective for brain tumors vs. intact white matter



# VAL-083: We know it works in GBM (Human Clinical Trials Data)





### **How Were Promising Drugs Overlooked?**

H	1950s 1960	s 1970	Os 198	30s 1990s	s 2000s	
	DNA     NCI's National structure Chemotherapy discovered Program Begins	of chemotherapeutics	<ul> <li>NCI's sponsors wide ranging clinical studies of small molecule therapies</li> </ul>	focus on biologics  • P53 gene cloned  • HER2 gene cloned  • BRCA1 & 2 genes cloned	<ul> <li>P53 gene cloned</li> <li>HER2 gene cloned</li> <li>BRCA1 &amp; 2 genes cloned</li> <li>First human gene therapy attempted</li> <li>Herceptin Approved</li> <li>First MAbs</li> <li>Avastin Approved</li> <li>Erbitux Approved</li> <li>Renewed clinic</li> </ul>	tin Approved ux Approved Renewed clinical intere
1	Methotrexate     Approved	Vinblastine &     Vincristine Approved	<ul> <li>Cisplatin enters clinical trials (1971)</li> <li>Biologics Emerg</li> <li>IL-2 Discovered</li> <li>First human test of biologic thera (α-interferon)</li> <li>Tamoxifen &amp; Ciaplatin Approx</li> </ul>	• NCI isolates t-cell viruses shown to cause AIDS • Orphan Drug Act is Passed  • Passed • First MAbs approved (Rituxan/ Herceptin)	(Rituxan/	<ul> <li>in chemotherapy for post-biologic failure</li> <li>Treanda approved for post-rituxan failure</li> <li>Omapro completes clinical studies for post gleevec failure</li> </ul>

#### **Early 80s paradigm**

- "Old" patents
- > Value of orphan cancer indications not yet understood
- > Major player (BMS) elected to focus on other primary candidates
- ➤ Invention of PCR → Focus on "targeted" therapy
- > HIV/AIDS

#### What has changed . . .

- > Orphan drug act
- > Targeted therapy reimbursement paradigm
- > New IP strategies



## Business Model: Teaching Old Drugs New Tricks

Company / Origination	Product	mpact	
Cti.	Trisenox™ arsenic trioxide NSCLC - 706363	<ul><li>✓ Approved for refractory APL (2000)</li><li>✓ Acquired (2005) \$100m</li></ul>	
Salmedix East Germany	Treanda™  Bendamustine  NSCLC - 738783	<ul> <li>✓ Approved for refractory NHL (2008)</li> <li>✓ Acquired (2005) - \$200m</li> <li>✓ Annual sales (2009) &gt;\$400m</li> </ul>	
CHEMGENEX PHARMACEUTICALS China	Omapro™ Omacetaxine NSCLC - 141633	<ul> <li>✓ Approval pending for refractory CML</li> <li>✓ Partnered (2009) - \$125m</li> <li>✓ Option to acquire control (2010) - &gt;\$200m</li> </ul>	
DelMar PHARMACEUTICALS China	VAL-083 NSCLC - undisclosed	<ul> <li>✓ IND filed: refractory GBM</li> <li>✓ Second target indication: AML</li> <li>✓ Acquisition Opportunity: \$\$??</li> </ul>	

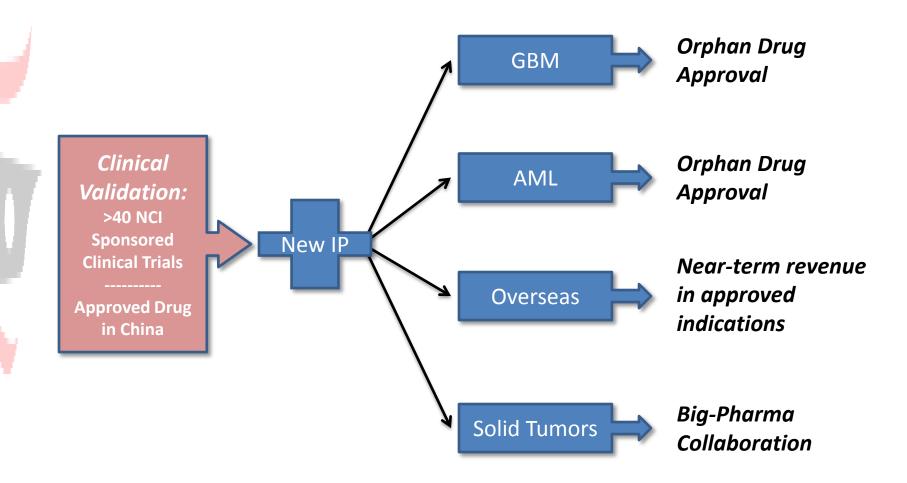


### **VAL-083 Opportunity for Near Term Revenue**

- In 2011 China will become third largest pharma market (behind U.S. and Japan)
  - ✓ 2010 China Pharma Sales = \$40 billion
  - ✓ Chinese Pharma growth rate >25% vs. 5%-7% globally
- VAL-083 Approved in China for Leukemia & Solid Tumors (lung cancer)
  - ✓ ... not promoted in Shanghai & Beijing
  - ✓ ... not promoted for Lung Cancer
- Lung Cancer: 1 million cases per year in China by 2020
- ➤ Del Mar Pharma held ½ day exploratory symposium with leading Lung Cancer Physicians in Beijing Q42010



### **VAL-083: Development Strategy**





### **Our Team**

- Capital Efficient / Low Burn: Currently operates on a "virtual" basis
- History of Success: Collectively responsible for approval of more than 20 oncology drugs
- Founders & Advisors:
  - Jeffrey Bacha, BSc MBA co-founder, President & CEO: Inimex / Inflazyme
  - Dennis Brown, PhD co-founder, Chief Scientific Officer: Matrix / Chemgenex
  - ❖ Bill Garner, MD co-founder: Urigen / Inverseon
  - ❖ Victor Levin, MD Prof. Emeritus Neuro-Oncology MDACC
  - James Perry, MD Chair, Canadian Brain Tumor Consortium

Key Team Member	Functional Expertise	Previous Corporate Affiliations	
Richard Schwartz, MD	Clinical Affairs	Bayer / Axion	
Sarath Kenekal, DVM, PhD	Clinical & pre-clinical pharmacology & toxicology  Matrix Pharma / Corixa / Salmedix / Chiron		
Mike Li, MSc	Clinical manufacturing & analytical chemistry (CMC)	Matrix Pharma / Threshold Pharma / Horizon Pharma	
Diann Nagami, PhD	Regulatory Affairs	Syntex Pharma / Pharmacyclics	
Shawnya Michaels BSc	Discovery/Screening	Matrix Pharma / ChemGenex / Mountain View Pharma	
Qi Xi, PhD Business Development, China		>20 years chemistry & drug development experience in China	



### **Financing**

- Previous Fundraising
  - \* \$100,000 Seed Round (2010)
  - \* ~\$500,000 founder investment to date
  - ... plus >\$50 million third-party investment from U.S. Natl. Cancer Inst. in VAL-083
- Multiple Opportunities for Early Revenue and Non-dilutive Financing
- Current Offering
  - Convertible Note Financing with 50% Warrant Coverage
    - Fall-back conversion into common shares upon sale
  - Seeking \$1,500,000
  - Use of Proceeds
    - Clinical Development of VAL-083
    - Patents & Intellectual Property Filings
    - General Working Capital



#### **Del Mar Pharmaceuticals**

#### Jeffrey Bacha, B.Sc., MBA – President & CEO

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- Lead drug approved in overseas markets
- Clinical evidence of efficacy in first target indication
- Well validated, cost effective business model
- Our team has done this before

#### **Corporate Headquarters:**

Suite 400 - 1727 West Broadway Vancouver, British Columbia Canada V6J 4W6

#### **Clinical Operations:**

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