



Worldwide Healthcare Trust The Biotech Growth Trust

Investor Presentation

18 November 2010

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OrbiMed Update


OrbiMed Overview

- Premier investment firm focused exclusively on the healthcare sector, with approximately \$5 billion in assets under management
- Worldwide health sciences investments across the industry life cycle, from seed-stage venture capital to large publicly-traded companies
- Offices in New York, San Francisco, Shanghai, Mumbai and Tel Aviv
- 42 investment professionals across five offices provide a potent combination of scientific expertise, analytical skills and industry experience
- Proven investment performance over a significant period of time
- Stable organization with consistent strategy and leadership for 15+ years
- Investor-friendly and strong corporate governance:
 - ▶ Never utilized side pockets, gates, or other liquidity restrictions
 - ▶ S.E.C. registered firm, all funds use a third-party accountant/administrator
 - ▶ Very high level of employee investment; personal healthcare trades restricted

Five Offices – Worldwide Research Capabilities




New York

- 
- Public Equity / Private Equity / Structured Finance / Infrastructure
- OrbiMed worldwide headquarters




Shanghai

- 
- Asia Private Equity
- Office opened 2008




Tel Aviv


- 
- Israel Private Equity
- Office opened 2010



San Francisco

- 
- Private Equity
- Office opened 2009

Mumbai

- 
- Asia Private Equity
- Office opened 2008



OrbiMed's Superior Human Capital

- In-house fundamental research team consisting of 42 investment professionals
- Distinguished team with expertise and background in clinical research, medicine, drug development and commercialization, investment banking, equity research, strategy consulting, and law

	PhD	MD	MBA	JD	MPH	CFA	MSc	CPA
General Partners (7)	2	0	3	1	0	4	2	0
Public Equity (9)	2	1	4	0	0	2	0	0
Private Equity (7)	2	1	2	1	2	0	0	0
Structured Finance (2)	0	0	1	0	0	0	0	0
Asia Ventures (7)	4	2	4	0	0	1	0	0
Israel Ventures (3)	1	1	2	0	0	0	1	0
Venture Partners (7)	3	3	4	0	0	0	2	0
Infrastructure (8)	0	0	2	1	0	0	0	2
Investment Professionals (42)	14	8	20	2	2	7	5	0
Total (60*)	14	8	22	3	2	7	5	2

**Total number of employees includes administrative staff*

Portfolio Management Team

Specialization in different healthcare sub-sectors allows focused research efforts



Samuel D. Isaly...**All healthcare**

- Founder and Managing Partner



William Sawyer...**Generics and Specialty Pharma**

- Joined OrbiMed in 2007
- BS in Pharmacy (Rutgers) and MBA (NYU)
- Previous experience: Lehman, Merrill, and Leerink Swann



Sven Borho, CFA...**All healthcare**

- Founder and General Partner
- PM for public equity funds and head of firm's trading efforts



Kuhn Tsai, MD...**Medical Devices and Healthcare Services**

- Joined OrbiMed in 2008
- BA (Harvard) and MD/MBA (Chicago)
- Previous experience: Goldman and Eos Partners



Geoffrey Hsu, CFA...**Large Cap Biotech, Specialty Pharma, Tools and Diagnostics**

- Joined OrbiMed in 2002 and General Partner since 2009
- Previous experience: Goldman and Lehman



Jung Ryu...**Tools and Diagnostics Associate Analyst**

- Joined OrbiMed in 2007
- BA (Dickinson)
- Previous experience: JPMorgan



Richard Klemm, PhD, CFA...**Specialty Biotech**

- Joined OrbiMed in 2000
- BA (Berkeley) and PhD (MIT)



C. Scotland Stevens...**Head Derivatives Trader**

- Joined OrbiMed in 2005
- BS (North Carolina) and MBA (Wharton)
- Previous experience: Pfizer, Wachovia and Goldman



Trevor M. Polischuk, PhD...**Large Cap Pharma and Japan Pharma**

- Joined OrbiMed in 2003
- BS (Queen's), PhD (Queen's), and MBA (Queen's)
- Previous experience: Warner Lambert and Lehman



Tadd S. Wessel...**Structured Finance**

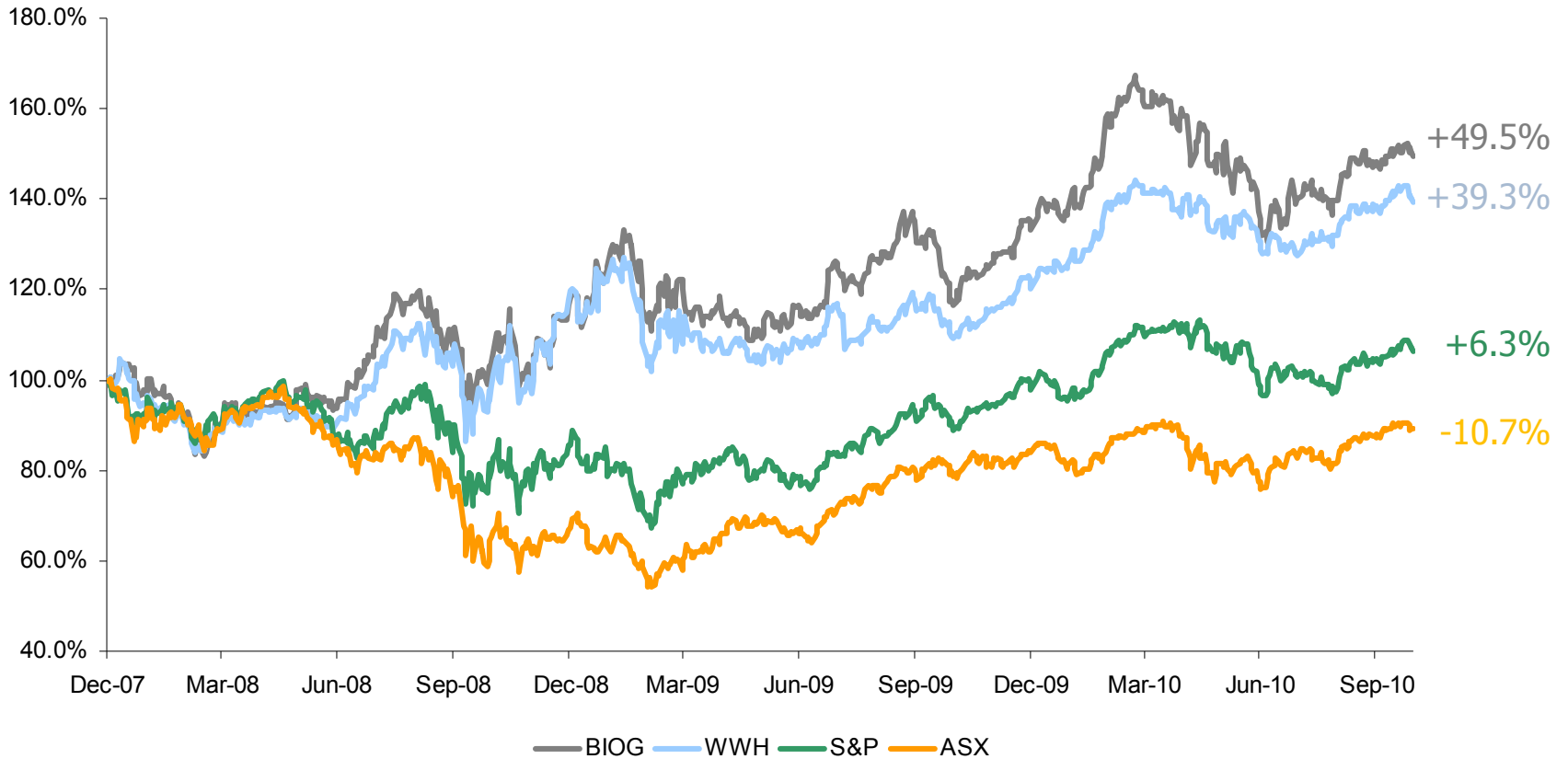
- Joined OrbiMed in 2009
- BA (Princeton)
- Previous experience: Robertson Stephens, Citigroup and Fortress

Performance & Structure

BIOG and WWH Performance vs. General Market

Since Beginning of 2008

BIOG and WWH NAV Performance vs. S&P 500 TR (Sterling-Adjusted) and FTSE All Shares

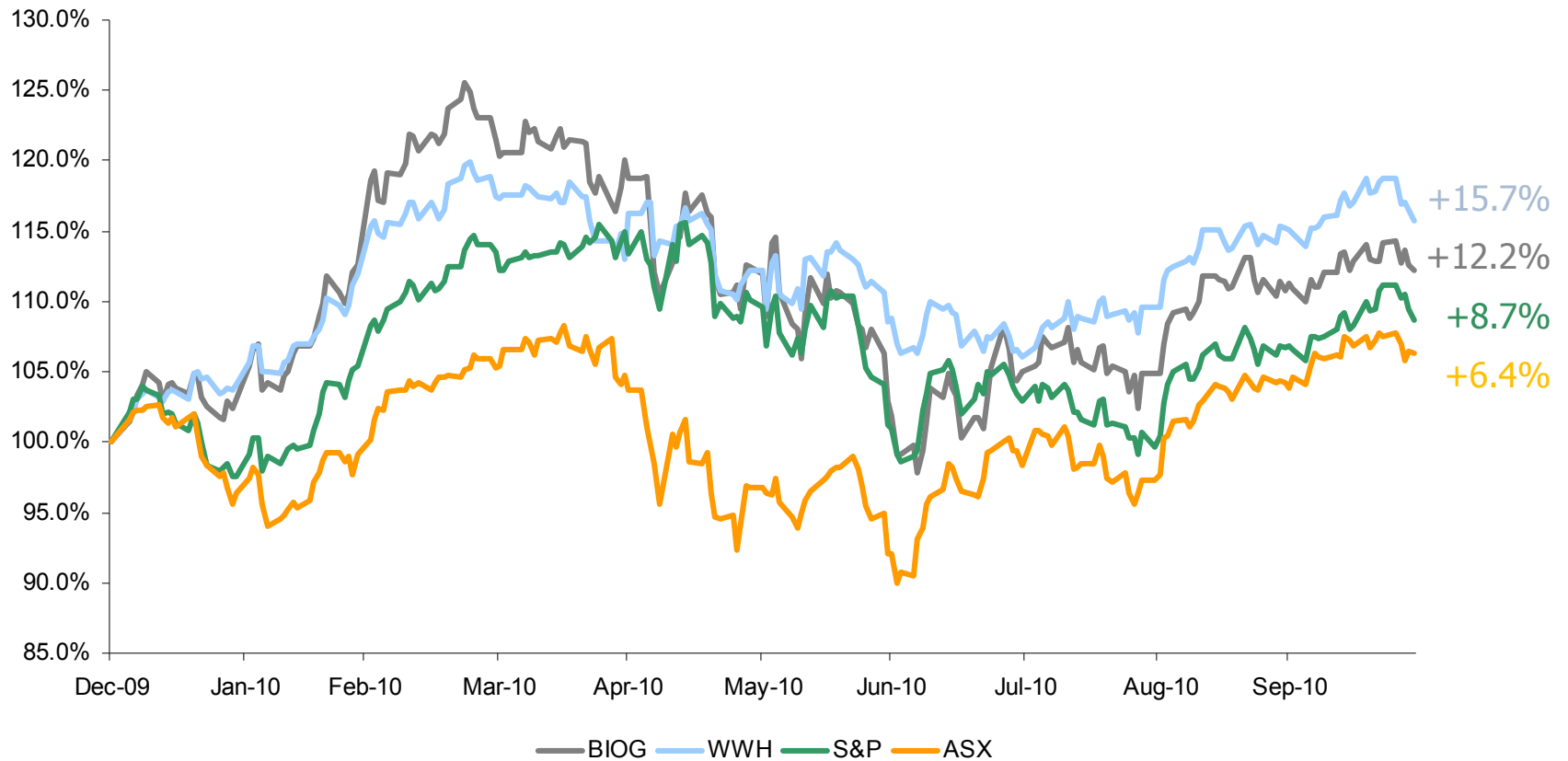


**As of 29 October 2010*

BIOG and WWH Performance vs. General Market

Calendar 2010 YTD

BIOG and WWH NAV Performance vs. S&P 500 TR (Sterling-Adjusted) and FTSE All Shares



**As of 29 October 2010*

Committed to Protecting Shareholder Value

- Both WWH and BIOG are committed to maintaining their discount protection programs through share buybacks, regardless of market conditions.
 - BIOG bought back 9.8mm shares for £10.4mm in 2008, 3.8mm shares for £4.8mm in 2009, and 0.5mm shares for £0.9mm in 2010YTD.
 - WWH bought back 4.6mm shares for £22.3mm in 2008, 8.6mm shares for £47.5mm in 2009, and 3.2mm shares for £21.3mm in 2010YTD.
- This is in contrast to other healthcare trusts that have let their discounts grow.
- Significant share holdings in both trusts by OrbiMed portfolio management team.

Healthcare Trusts	Share Price Discount to NAV*
The Biotech Growth Trust	-4.1%
Worldwide Healthcare Trust	-7.6%
International Biotech	-17.1%
BB Biotech	-26.1%
HBM Bioventures	-34.8%

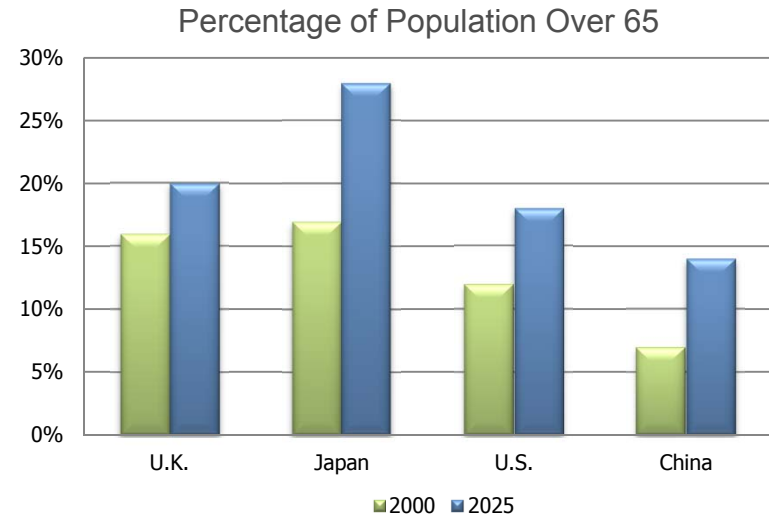
**On 5 November 2010. Source: Bloomberg.*

Investment Themes

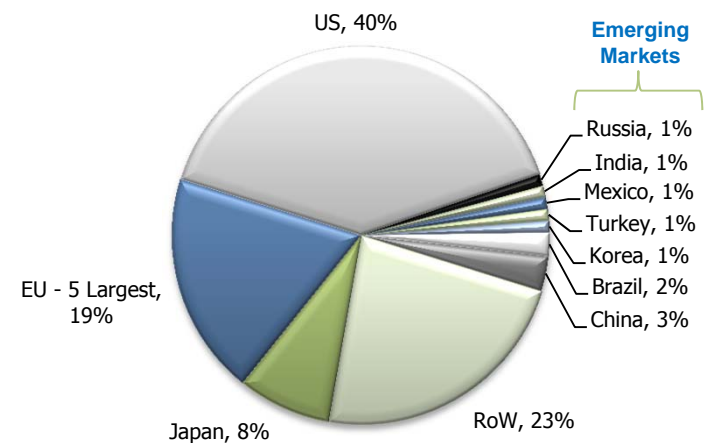
Why Invest in the Healthcare Sector?

A Powerful 3-Legged Secular Growth Story

- **Demographics:** western populations are, on average, aging rapidly
 - U.S. healthcare expenditures for people over 65 average 4x higher than for those under 65
 - China's elderly population will double by 2025
- **Innovation:** new markets are created over time as increased scientific understanding of disease leads to new breakthroughs. Recent examples include:
 - Provenge, the first FDA-approved immunotherapy to stimulate the body's immune system against prostate cancer
 - Over 1,000 new products in Biotech pipeline
- **Rising incomes:** rising global affluence fuels a disproportionate increase in spending on healthcare
 - China's pharmaceutical market growing at 2-4x faster than Western markets
 - Emerging markets already account for over one-third of pharma growth



Highest Growth Economies So Far Only Contributing A Small Percentage to WW Pharma Sales



*Data per Wall Street research and IMS.

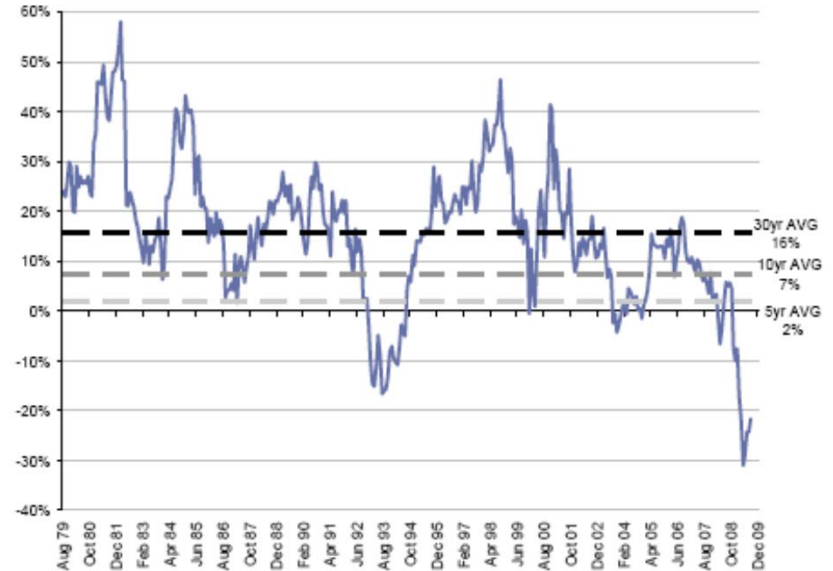
Long Term Historically Attractive Entry Point

Valuations Have Contracted on an Absolute and Relative Basis

Attractive Valuations Create Long Opportunities



Healthcare PE Relative to S&P PE at Historical Low

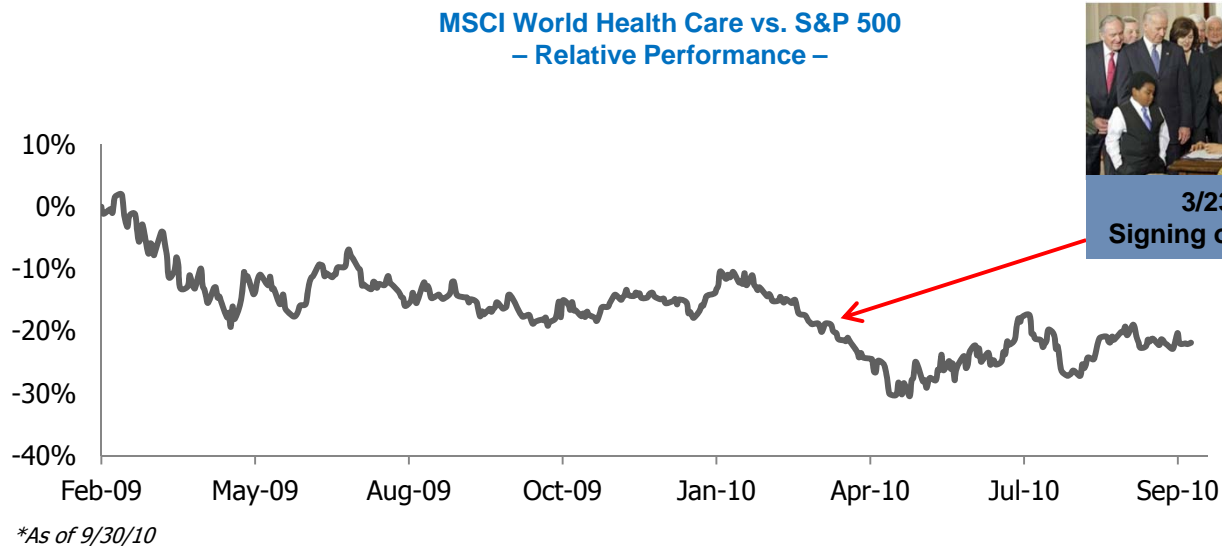


- Valuations across the healthcare sector have declined to historical lows after a nearly 10 year period of underperformance
 - Underperformance of the healthcare sector has continued in 2010 YTD (S&P 500 healthcare companies returned -1.2% versus broader S&P 500 up 7.5% as of 12 November 2010)
- We believe this performance and valuation differential provides a significant opportunity to earn near-term returns across a variety of long positions

Healthcare Reform Finally Passes

Overhang Removed – Time to Close the Gap

- The prospect of healthcare reform has served as an overhang on the healthcare sector generally, leading to **underperformance** of healthcare stocks
- But on **March 23, 2010** President Obama signed the long awaited healthcare reform bill into law
- What actually passed:
 - Simply, an expansion of the current Medicaid program which dramatically increases eligibility
 - Starting in 2014, coverage will be extended to an additional **30+ million** Americans
 - Importantly, coverage will be executed via private, not public, exchanges



Innovation Lies in the Small-to-Mid-Cap Names

Large-cap Pharmaceutical and Device Companies Face Challenges of Slowing Growth

- Large pharmaceutical stocks are trading at valuations near multi-year lows as they contend with patent cliffs and low R&D productivity
 - But all drug stocks are “cheap” – so valuation is not enough
- The need to be selective and dissect which companies are doing the right thing is more important than ever given industry headwinds: patent expirations, pipeline attrition, pricing pressures, etc.
- Stagnant growth is also affecting the large medical device companies, whose core franchises have matured (e.g. stents, pacemakers, ICDs)
- For both sectors, identifying innovative therapies and the next product cycle are key, and the innovation is primarily occurring among small-to-mid-cap companies
- Several blockbuster drugs being developed by biotech companies, for example, are due to be introduced in the near future, which could provide the growth necessary for large-cap companies

Product	Marketer	Indication	Launch Year	Revenue Potential
Tyvaso	United Therapeutics	Pulmonary Hypertension	2009	\$200 million
Folotyn	Allos Therapeutics	T-cell Lymphoma	2009	\$500 million
Arzerra	Genmab/Glaxo	CLL	2009	\$500 million
Ampyra	Acorda	Multiple Sclerosis	2009	\$500 million
Cinryze	ViroPharma	Hereditary Angioedema	2009	\$250 million
Krystexxa	Savient	Gout	2010	\$500 million
Benlysta	HGS/Glaxo	Lupus	2010	\$2 billion
Provenge	Dendreon	Prostate cancer	2010	\$2 billion
Telaprevir	Vertex	Hepatitis C	2011	\$5 billion

Source: OrbiMed Advisors

M&A Remains a Secular Theme for Healthcare

Big Pharma Pursuing Acquisitions to Replace Lost Revenues and Refill Pipelines

Announced Date	Target	Acquirer	Deal Size	Premium Paid
10/22/10	Clariant	General Electric	\$580 million	34%
09/17/10	CruceCell	Johnson & Johnson	€1.75 billion ⁽¹⁾	58%
08/30/10	Genzyme	Sanofi-Aventis	\$18.5 billion	27% ⁽²⁾
06/30/10	Abraxis BioScience	Celgene	\$2.9 billion + CVR	14% + CVR
04/12/10	Javelin Pharmaceuticals	Hospira	\$140 million	64%
03/09/10	Facet Biotech	Abbott Laboratories	\$402 million	206%
03/01/10	OSI Pharmaceuticals	Astellas Pharma	\$2.9 billion	41%
09/03/09	Sepracor	Dainippon Sumitomo	\$2.3 billion	28%
07/22/09	Medarex	Bristol Myers	\$2.4 billion	90%
07/14/09	Noven Pharmaceuticals	Hisamitsu	\$428 million	22%
05/29/09	CuraGen Corp	Celldex Therapeutics	\$95 million	50%
05/21/09	Cougar Biotechnology	Johnson & Johnson	\$970 million	16%
03/12/09	CV Therapeutics	Gilead	\$1.4 billion	25%
02/27/09	Arana Therapeutics	Cephalon	\$210 million	69%
01/30/09	Tepnel	Gen-Probe	\$132 million	126%
01/13/09	Targanta	Medicines Co.	\$50 million	72%
01/05/09	Indevus	Endo Pharmaceuticals	\$370 million	45%
11/24/08	Omrix	Johnson & Johnson	\$465 million	18%
10/30/08	Genelabs	GlaxoSmithKline	\$57 million	430%
10/06/08	Imclone	Eli Lilly	\$6.5 billion	51%
07/25/08	Acambis	Sanofi Aventis	£275 million	65%
07/23/08	Arius Research	Roche	CAD \$191 million	15%

(1) Represents value paid for 82% of CruceCell that J&J did not already own.

(2) Offer premium to price on 07/22/10, the first day prior to rumors of a potentially unsolicited bid emerged.

Source: OrbiMed Advisors

Near-Term Investment Strategy

- Now that healthcare reform legislation has passed, we believe a healthcare reversion to the mean rally is possible.
- On a historical basis, healthcare company valuations are at the lowest levels in 30 years. The P/E multiples and dividend yields of major healthcare companies are very attractive.
- Several clinical and regulatory catalysts are due to occur over the next 12 months, and there are a number of blockbuster drugs due to be introduced over the next couple of years.
- The pace of M&A should remain robust. BIOG and WWH have benefited from this M&A activity historically and will continue to do so in the future.
- Strategic positioning: Overweight specialty pharma, emerging biotech, generics and life science tools; underweight large cap pharma, devices, and healthcare services.



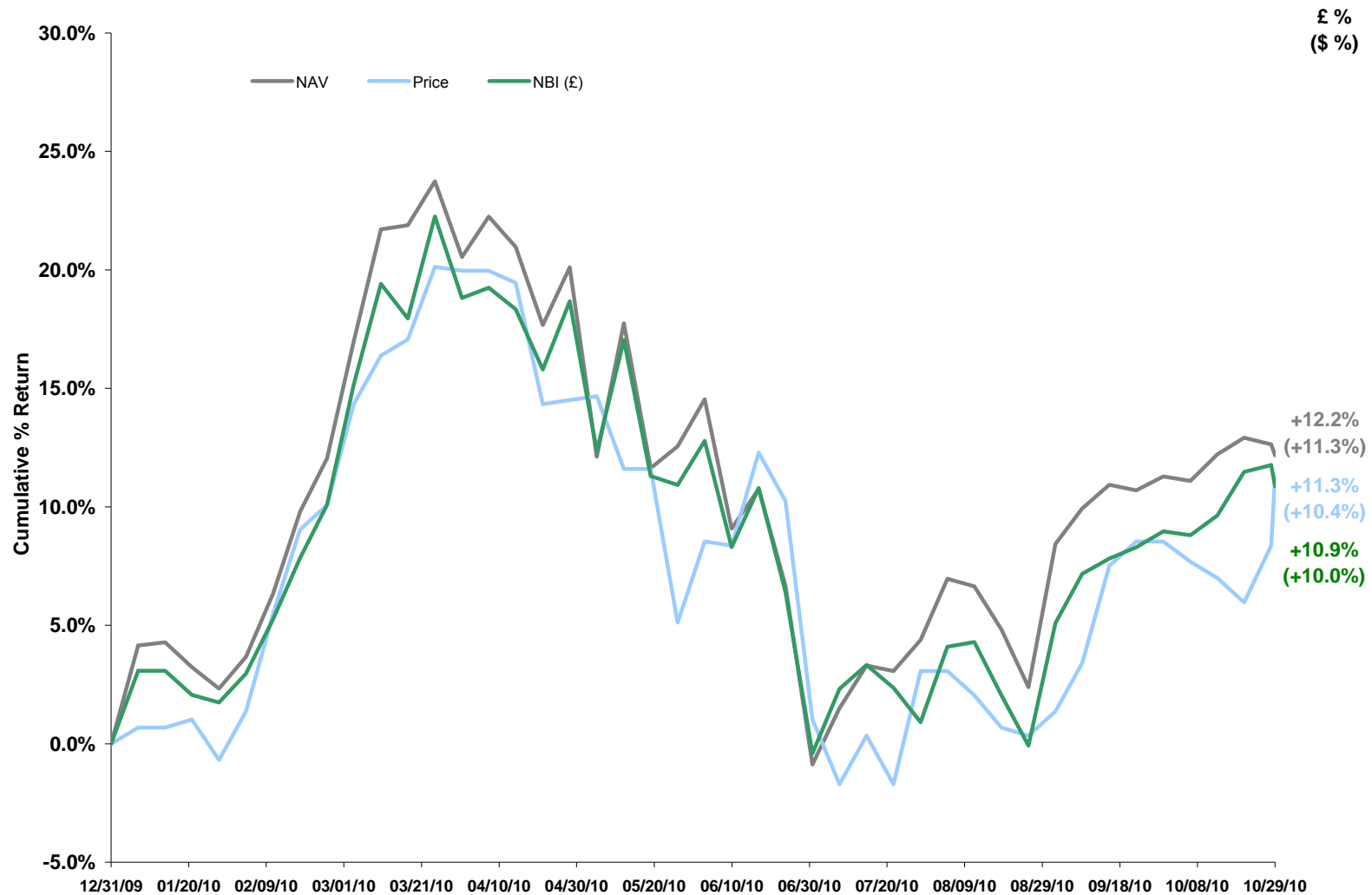
BIOG Overview

Key Drivers for BIOG Performance

- Capitalize on historic low valuations of major biotech, who are still delivering mid-teens earnings growth
 - ▶ Focus on companies with next-generation products to replace maturing revenues
- Invest in emerging biotech companies with newly launched products or ones in late-stage development
 - ▶ Focus on companies that make likely M&A candidates or are about to become profitable
- Invest in the most promising early-stage emerging companies with novel therapeutic candidates
 - ▶ Focus on companies whose drug candidates are poised to deliver positive clinical data
- Worldwide strategy

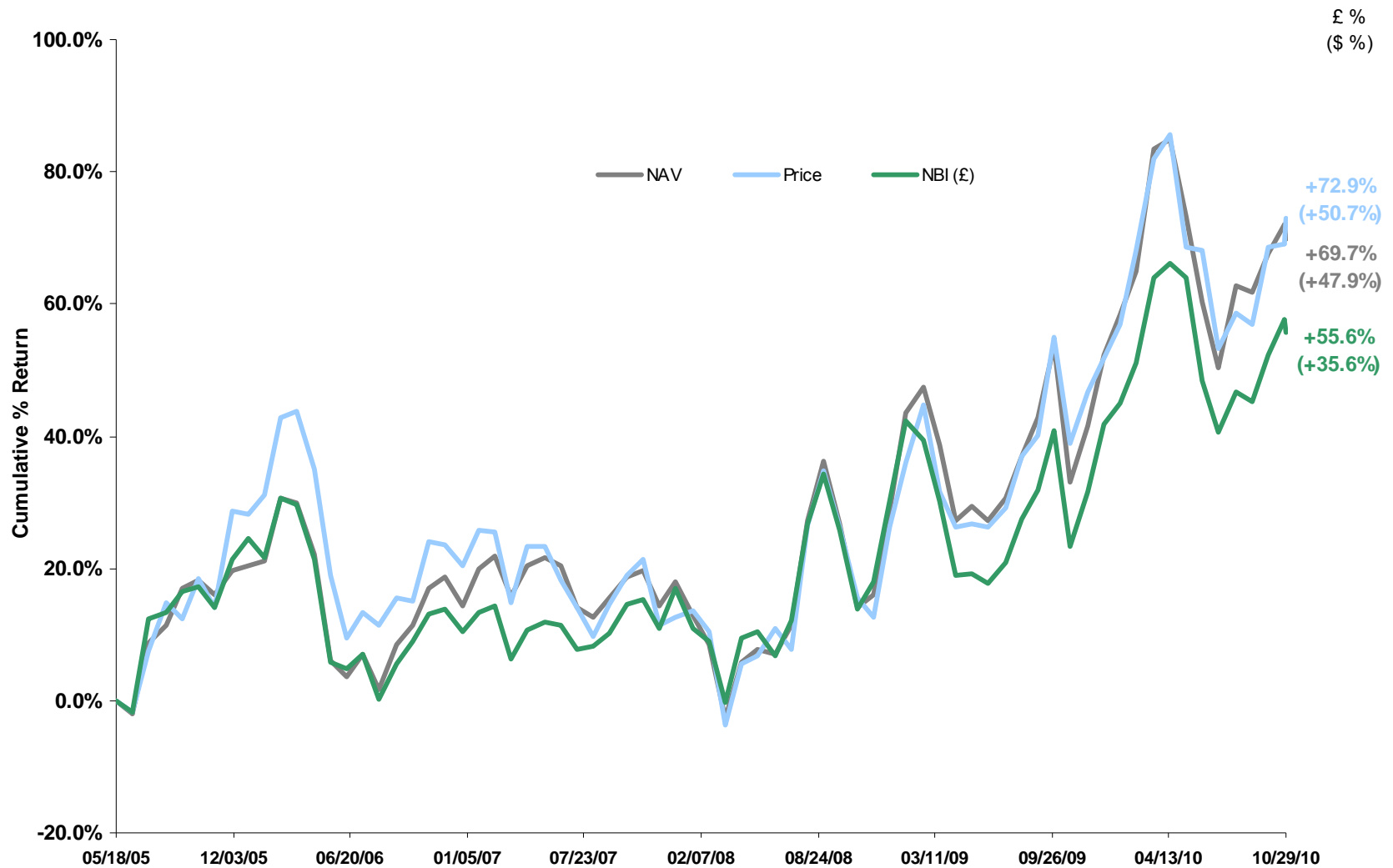
BIOG Performance Calendar 2010

31 December 2009 through 29 October 2010



BIOG Performance During OrbiMed Tenure

18 May 2005 through 29 October 2010



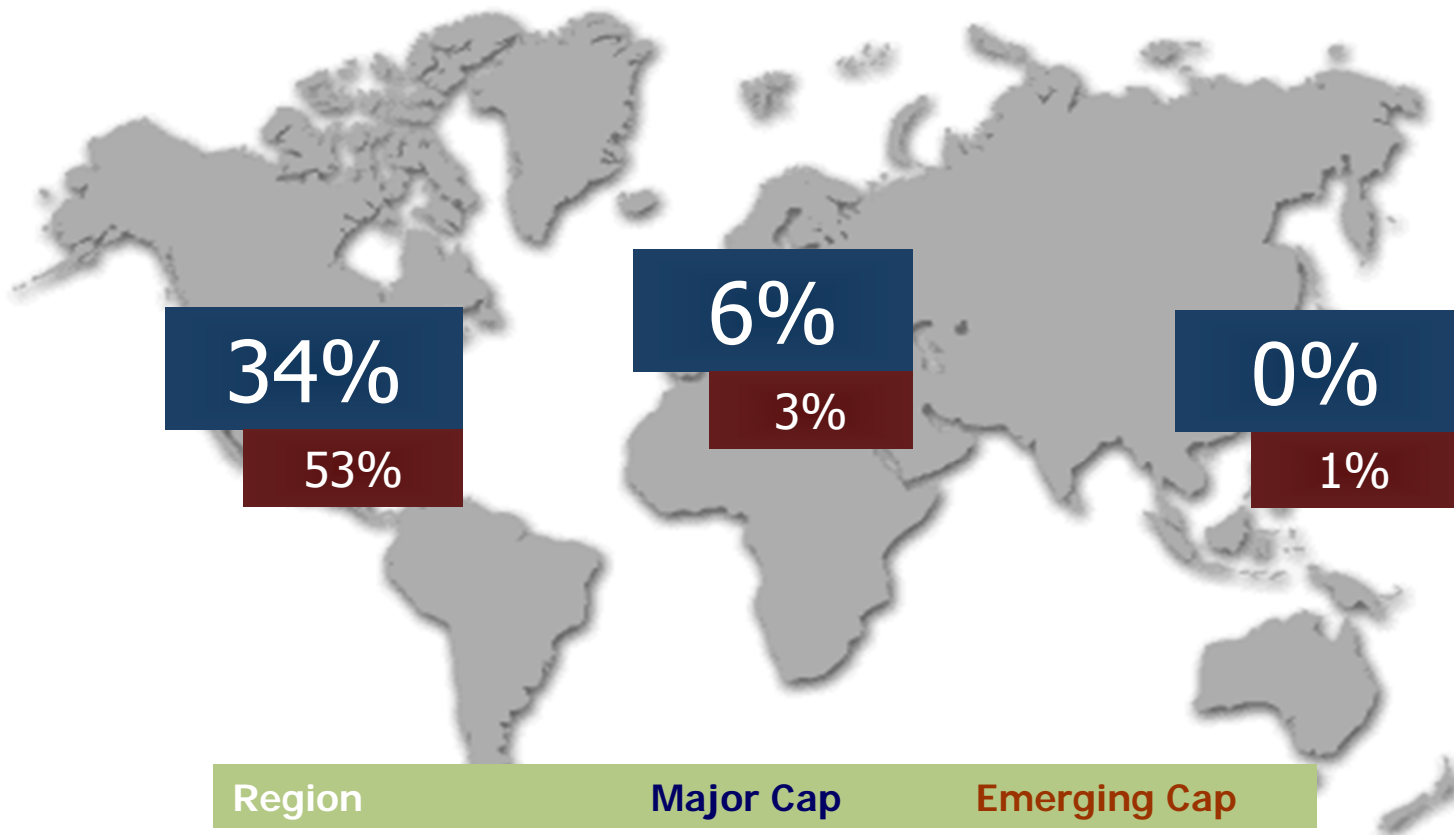
BIOG Performance vs. Benchmark

Periods Ending 29/10/10	Since OrbiMed Inception (18/05/05)	Since Fundraising (02/12/09)	Calendar YTD	Fiscal YTD (Since 31/03/10)
BIOG NAV (£)	+69.7%	+16.9%	+12.2%	-6.8%
NASDAQ Biotech Index (£)	+55.6%	+16.4%	+10.9%	-6.3%
Excess Returns (£)	+14.1%	+0.5%	+1.3%	-0.5%
Est. Currency Impact on NAV	+21.8%	+4.2%	+0.9%	-5.2%
MSCI World Index (£)	+37.8%	+9.9%	+7.3%	-2.4%
Russell 2000 Index (£)	+32.8%	+22.3%	+13.4%	-1.9%

Source: OrbiMed Advisors

Portfolio Exposure

As of 29 October 2010



Region	Major Cap	Emerging Cap
North America	34%	53%
Europe	6%	3%
Far East	0%	1%

BIOG Holdings

As of 29 October 2010

	<u>Market Price</u> <u>\$ Millions</u>	<u>Pct.</u> <u>Value</u>		<u>Market Price</u> <u>\$ Millions</u>	<u>Pct.</u> <u>Value</u>
UNITED STATES			INTERNATIONAL		
Emerging Biotechnology			Europe		
Affymetrix Inc	1.9	1.1	Emerging Biotechnology		
Allos Therapeutics Inc	3.2	1.8	Actelion Ltd	2.3	1.3
Anadys Pharmaceuticals Inc	1.5	0.8	Medivir AB	<u>3.5</u>	<u>1.9</u>
Ariad Pharmaceuticals Inc	6.1	3.4		5.8	3.2
BioMarin Pharmaceutical Inc	8.2	4.6	Major Capitalization		
Cephalon Inc	1.9	1.1	Shire PLC ADR	10.2	5.7
Clinical Data Inc	6.5	3.6			
Cubist Pharmaceuticals Inc	9.5	5.3	Europe Subtotal	16.0	8.9
Cytokinetics Inc	0.6	0.4			
Dendreon Corp	3.6	2.0	Far East		
Endo Pharmaceuticals Holdings	7.9	4.4	Emerging Biotechnology		
Human Genome Sciences Inc	7.1	4.0	Caduceus Asia Partners	<u>1.9</u>	<u>1.1</u>
Illumina Inc	7.4	4.1		1.9	1.1
Incyte Corp	6.1	3.4			
Orexigen Therapeutics Inc	3.2	1.8	Far East Subtotal	1.9	1.1
Pharmacyclics Inc	6.7	3.8			
Pharmasset Inc	2.4	1.3	INTERNATIONAL TOTAL	18.0	10.0
Vertex Pharmaceuticals Inc	3.5	2.0			
Warner Chilcott Ltd	7.5	4.2	Cash	5.2	2.9
YM Biosciences Inc	<u>0.4</u>	<u>0.2</u>			
	95.5	53.2			
Major Capitalization					
Amgen Inc	13.2	7.3			
Biogen Idec Inc	6.0	3.4			
Celgene Corp	9.8	5.5			
Genzyme Corp	11.8	6.6			
Gilead Sciences Inc	11.3	6.3			
Teva Pharmaceutical Industries	4.9	2.7			
Thermo Fisher Scientific Inc	<u>3.9</u>	<u>2.2</u>			
	60.8	33.9			
	156.3	87.1	TOTAL PORTFOLIO	179.5	100.0

Acquisition Candidates in BIOG

Company	Asset	Potential Acquiror
Allos Therapeutics	Folotyn	Biogen Idec, Genzyme
Anadys Pharmaceuticals	ANA598, ANA773	Roche, Bristol-Myers Squibb, Merck
Ariad Pharmaceuticals	Ridaforolimus	Big Biotech, Big Pharma
Biogen Idec	Rituxan, Tysabri, Pipeline	Big Pharma
BioMarin Pharmaceutical	Phenoptin, Aldurazyme, Aryplase	Genzyme, Shire
Cephalon	Provigil, Nuvigil, Treanda	Private Equity, Specialty Pharma
Cubist Pharmaceuticals	Cubicin	Any Pharma or Biotech w/ a hospital salesforce
Dendreon	Provenge	Big Biotech, Big Pharma
Human Genome Sciences	Benlysta	Big Biotech, Big Pharma
Incyte	INCB '424	Big Biotech, Big Pharma
Pharmacyclics	PCY-32765	Big Biotech, Big Pharma
Pharmasset	RG7128, PSI-7977, PSI-938	Roche
Shire	Vyvanse, Elaprase, Vpriv	Big Pharma
Vertex Pharmaceuticals	Telaprevir	Johnson & Johnson

Source: OrbiMed Advisors

Major Biotech: Strong EPS Growth

Projected EPS Growth for Selected “Major Biotech”

As of 29/10/10	Market cap (\$bn)	2010	2011	2012	LTGR %	'11 P/E
Amgen	\$54	+4%	+5%	+8%	+9%	11x
Gilead Sciences	32	+20	+11	+11	+13	10x
Celgene	29	+36	+22	+20	+19	18x
Genzyme	18	-18	+121	+25	+20	18x
Biogen Idec	15	+22	+5	+1	+9	12x
Total Above	\$149bn	~12%	~20%	~12%	~13%	~14x

Source: FactSet

Positive Catalysts & Newsflow for the Next 6 Months

Plenty of Catalysts to Drive Momentum in the Sector

- **Pivotal data expected soon:**
 - ▶ Amgen's Denosumab (Metastasis Prevention)
 - ▶ Cortex's Corlux (Cushing's Disease)
 - ▶ Incyte's INCB18424 (Myelofibrosis)
 - ▶ Inspire's Denufosol (Cystic Fibrosis)
 - ▶ NPS' Gattex (STEPS / Short Bowel Syndrome)
 - ▶ Onyx's Carfilzomib (Myeloma)
 - ▶ Regeneron's VEGF Trap-Eye (Wet AMD)
 - ▶ Seattle Genetics' SGN-35 (Hodgkin's)
- **Significant regulatory decisions expected:**
 - ▶ Clinical Data's Vilazodone (Depression)
 - ▶ Human Genome Sciences' Benlysta (Lupus)
 - ▶ MannKind's Afrezza (Diabetes)
 - ▶ Orexigen's Contrave (Obesity)
 - ▶ Protalix's Uplyso (Gaucher's Disease)

- **Upcoming medical conferences**



(SGN / PCYC / CELG /
ONXX / YMI)



(ONXX / NKTR)

WWH Overview

Key Drivers for WWH performance

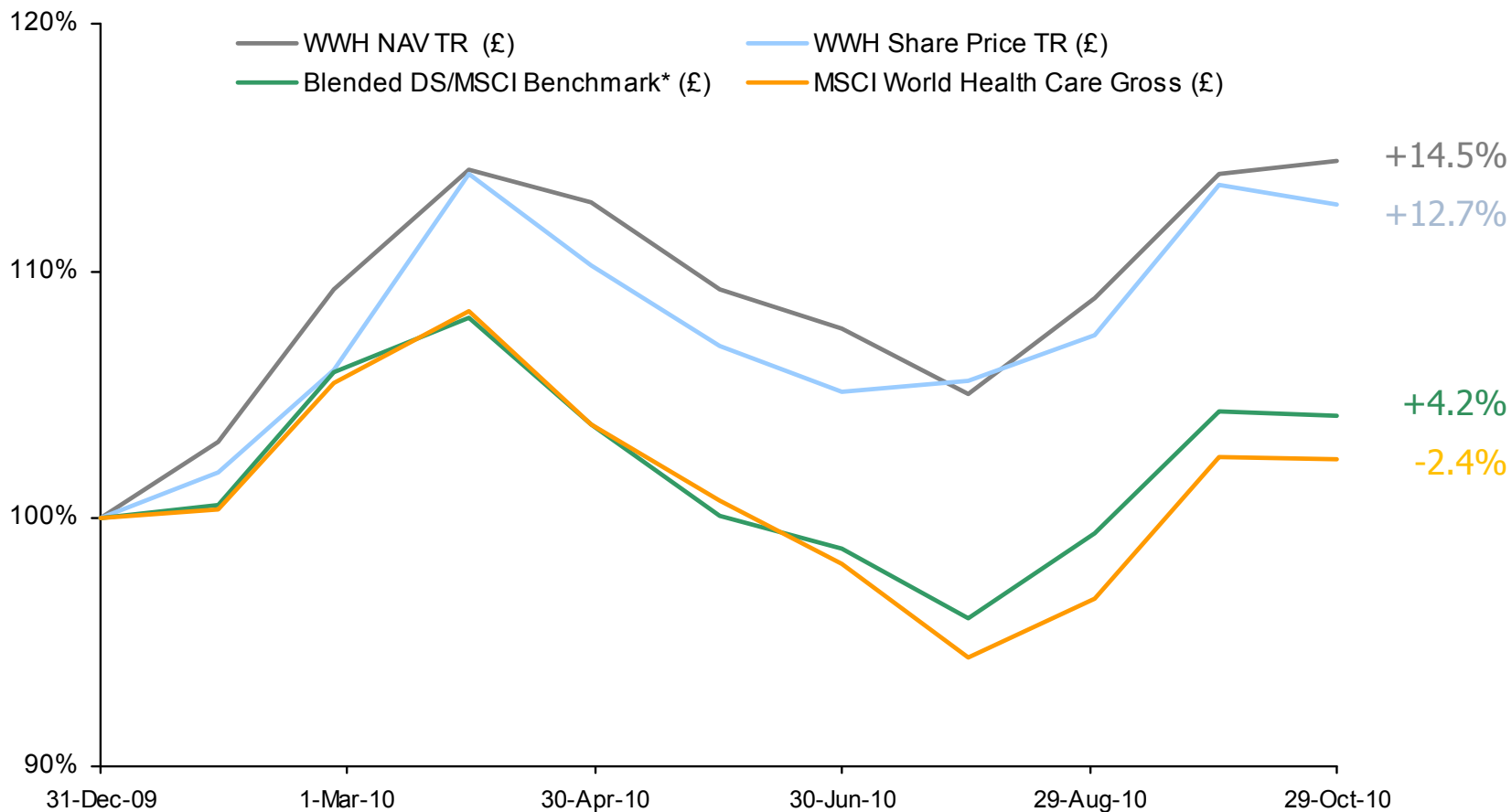
- Captures the best of the worldwide healthcare sector
- Healthcare companies are at the lowest valuation levels in 30 years, and dividend yields and low P/Es provide significant downside protection
- Diversify with growth emerging stories in diagnostics, generics, specialty pharma, biotechnology and Asia (China and India)
 - ▶ Focus on likely winners in the new political environment
- Large liquid vehicle with historically little discount
- 2% dividend yield from high-yielding pharma companies and structured finance investments
- **WWH has delivered 14% annual returns since inception in 1995.**

Structural Developments

- Change in benchmark
 - ▶ Shift from Datastream World Pharma / Biotech Total Return Index to the MSCI World Healthcare Gross Index
 - ▶ Effective September 30, 2010
- Change in investment strategy to fully capitalize on OrbiMed's strengths
 - ▶ Broad, worldwide healthcare mandate enables sub-sector rotation and global diversification
 - ▶ Employment of unique strategies
 - Structured finance
 - Debt
 - Royalties
 - Options
 - Use of leverage for non-correlated assets (up to 120%)
 - Facilitated by access to cheap borrowing (~70bps) through our relationship with Goldman Sachs

WWH Performance Calendar YTD

31 December 2009 through 29 October 2010 (£ - Total Return)

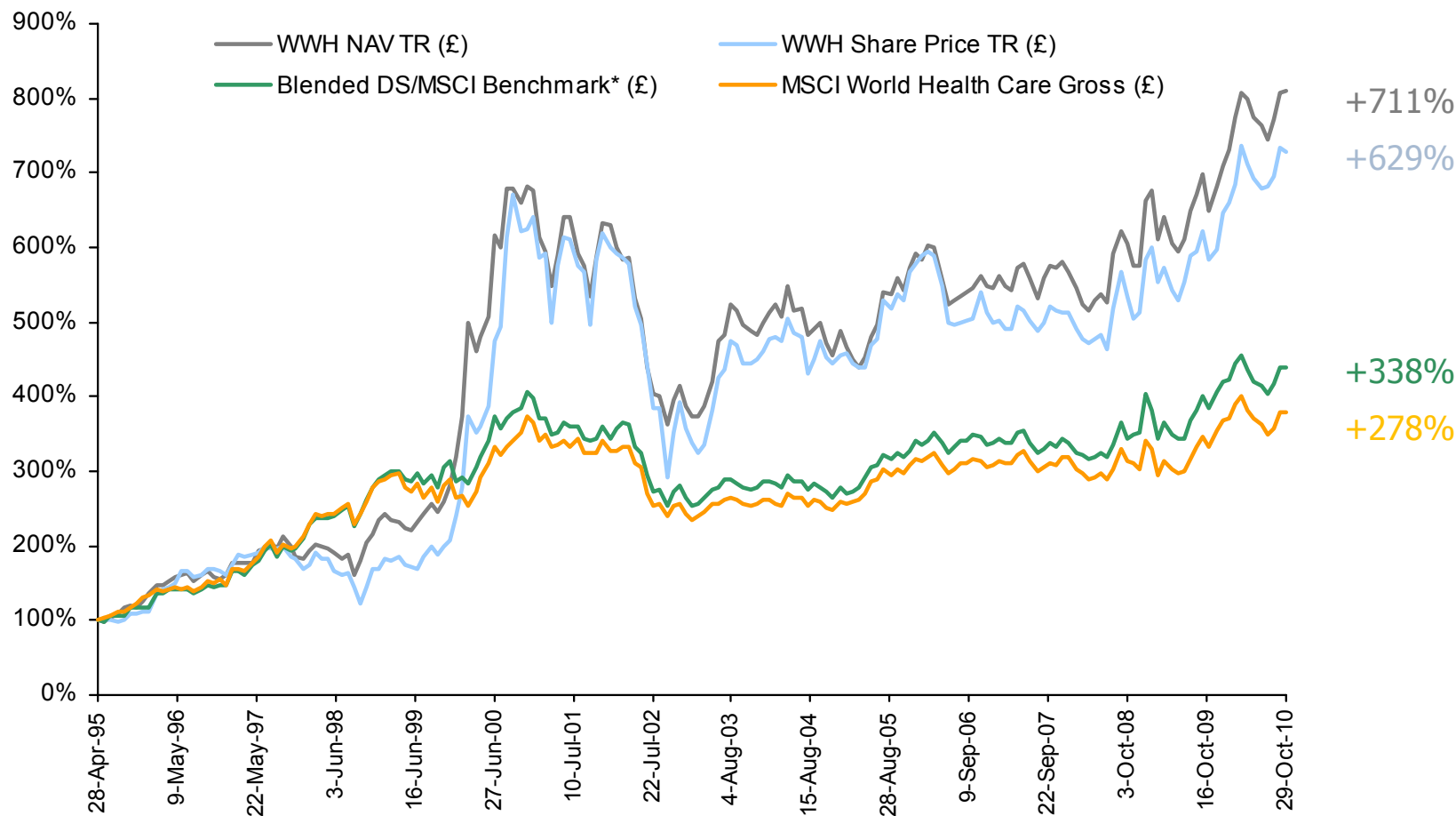


*The "Blended DS/MSCI Benchmark" uses the Datastream World Pharma/Biotech TR Index from inception to September 30, 2010 and then the MSCI World Healthcare Gross Index since September 30, 2010.



WWH Performance Since Inception

Cumulative Growth through 29 October 2010 (£ - Total Return)



*The "Blended DS/MSCI Benchmark" uses the Datastream World Pharma/Biotech TR Index from inception to September 30, 2010 and then the MSCI World Healthcare Gross Index since September 30, 2010.

WWH Performance

Periods Ending 29 October 2010, All Data in £

	1 Year	3 Year	5 Year	Since Inception	Fiscal YTD (Oct 29)
WWH TR (NAV)	25.1%	12.3%	8.4%	14.4%	+0.4%
WWH TR (Share Price)	25.1%	12.2%	6.7%	13.7%	-1.1%
Blended DS/MSCI Benchmark*	13.9%	9.5%	6.6%	10.0%	-3.6%
MSCI World Health Care Gross Index	13.7%	7.0%	4.9%	8.9%	-5.5%
Amex Pharmaceutical Index	11.1%	4.7%	2.1%	7.0%	-4.5%
Nasdaq Biotechnology Index	25.8%	10.5%	6.3%	11.2%	-6.5%
MSCI World Index	15.7%	0.2%	4.6%	5.7%	-2.4%

*The "Blended DS/MSCI Benchmark" uses the Datastream World Pharma/Biotech TR Index from inception to September 30, 2010 and then the MSCI World Healthcare Gross Index since September 30, 2010.

MSCI World Health Care Index

Sector weight distribution*

Subsector	WWH	MSCI World H.C.	Delta
Large Cap Pharmaceuticals	45.5	55.2	-9.7
Specialty Pharmaceuticals	15.0	5.9	9.1
Generics	7.1	2.7	4.4
Large Cap Biotechnology	9.7	7.0	2.7
Emerging Biotechnology	10.4	2.0	8.4
Medical Devices	8.5	13.4	-4.9
Healthcare Services & Managed Care	6.9	11.2	-4.3
Life Science Tools	3.7	2.7	1.0
Structured Finance	11.5	0.0	11.5
Total	118.3	100.0	18.3

Geographic weight distribution

Regions	WWH	MSCI World H.C.	Delta
North America	69.7	59.5	10.2
Europe	22.9	31.4	-8.5
Japan	11.7	5.7	6.0
China	2.5	0.0	2.5
Australia	0.0	1.2	-1.2

*As of 29 October 2010.

Key Investment Themes By Sub-Sector

As of 29 October 2010

Tools/Diagnostics (3.7%)

- ▶ High growth opportunities
- ▶ Faster development times and lower regulatory hurdles vs. drugs
- ▶ ILMN, TMO

MedTech (8.5%)

- ▶ Source of innovation
- ▶ M&A potential as large-cap players acquire new technologies
- ▶ ALGN, BAX, CFN, CMH, VOLC

Healthcare Services (6.9%)

- ▶ Healthcare reform uncertainties
- ▶ Sensitive to regulatory headlines
- ▶ WLP, HUM, AET, UNH

Structured Finance (11.5%)

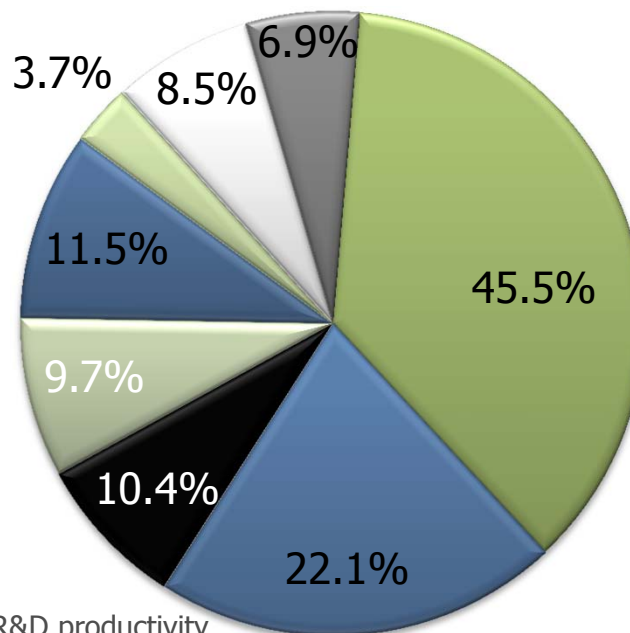
- ▶ Basket of diversified companies with attractive equity like returns with debt protection
- ▶ Exposure to improvements in the credit market

Major Biotechs (9.7%)

- ▶ PEG ratio of nearly 1, close to lowest levels in history
- ▶ High growth rates, in some cases accelerating further
- ▶ Low political and reimbursement risk
- ▶ Few patent expiration issues
- ▶ AMGN, BIIB, GENZ, CELG

Emerging Biotech (10.4%)

- ▶ Continuing source of innovation and high R&D productivity
- ▶ Rampant M&A potential as Big Pharma tries to acquire biotech products and expertise
- ▶ Valuations at low end of historical range
- ▶ DNDN, VRTX, HGSI, MNTA



Big Pharma (45.5%)

- ▶ Contrarian value plays
- ▶ High dividend yields
- ▶ Extremely selective to avoid looming patent expirations
- ▶ BMY, NVS, ROG

Generics / Specialty Pharma (22.1%)

- ▶ >\$120mm of U.S. branded drugs lose exclusivity by 2015
- ▶ Several quality branded names trade at rock-bottom valuations
- ▶ Secular growth story in Japan, catalyzed by fiscal pressures and regulatory changes
- ▶ AGN, SAWAI, TOWA, WCRX, HSP, WPI

*Percentages based on total leveraged assets (totals 118%).



Worldwide Healthcare Trust Holdings

As of 29 October 2010

	Market Price \$ Millions	Pct. Value		Market Price \$ Millions	Pct. Value
UNITED STATES			INTERNATIONAL		
Specialty Capitalization			Europe		
Align Technology Inc	4.5	0.8	Specialty Capitalization		
Allos Therapeutics Inc	3.6	0.7	Actelion Ltd	1.8	0.3
BioMarin Pharmaceutical Inc	11.6	2.2	Elan Corp PLC	5.7	1.1
Cubist Pharmaceuticals Inc	5.4	1.0	Hikma Pharmaceuticals PLC	<u>1.4</u>	<u>0.3</u>
Dendreon Corp	6.6	1.2		8.8	1.6
Endo Pharmaceuticals Holdings	12.3	2.3	Major Capitalization		
Given Imaging Ltd	3.4	0.6	GlaxoSmithKline PLC	13.4	2.5
Human Genome Sciences Inc	4.8	0.9	Novartis AG	40.0	7.4
Illumina Inc	8.9	1.6	Roche Holding AG	36.6	6.8
Momenta Pharmaceuticals Inc	5.7	1.1	Sanofi-Aventis SA	13.6	2.5
NPS Pharmaceuticals Inc	5.3	1.0	Shire PLC ADR	<u>10.8</u>	<u>2.0</u>
Seattle Genetics Inc/WA	5.6	1.0		114.4	21.3
Vertex Pharmaceuticals Inc	5.4	1.0			
Volcano Corp	3.5	0.7	Europe Subtotal	123.2	22.9
Warner Chilcott Ltd	<u>10.2</u>	<u>1.9</u>			
	96.9	18.0	Far East		
Major Capitalization			Specialty Capitalization		
Abbott Laboratories	12.2	2.3	Nichi-iko Pharm	11.3	2.1
Aetna Inc	3.9	0.7	Sawai Pharmaceutical Co Ltd	11.8	2.2
Allergan Inc	11.3	2.1	Sihuan Pharmaceutical Holdings	0.4	0.1
Amgen Inc	15.7	2.9	Sinopharm Medicine Holding Co Ltd	12.8	2.4
Baxter International Inc	7.6	1.4	SYSMEX Corporation	3.8	0.7
Biogen Idec Inc	5.3	1.0	Towa Pharmaceutical Co Ltd	<u>9.8</u>	<u>1.8</u>
Bristol-Myers Squibb Co	21.5	4.0		49.8	9.3
CareFusion Corporation	5.2	1.0	Major Capitalization		
Celgene Corp	8.6	1.6	Mitsubishi Tanabe Pharma	16.4	3.0
Genzyme Corp	12.7	2.4	Shionogi & Co Ltd	<u>10.0</u>	<u>1.9</u>
Gilead Sciences Inc	9.8	1.8		26.4	4.9
Hospira Inc	12.8	2.4			
Humana Inc	4.3	0.8	Far East Subtotal	76.2	14.2
Johnson & Johnson	27.1	5.0			
Merck & Co Inc	36.9	6.9	Fixed Income / Royalties		
Perrigo Co	5.3	1.0	Angiotech Pharm Float 12/01/13	5.1	0.9
Pfizer Inc	43.8	8.1	Cubist Pharma 2.50% 11/01/2017 \$29.18	3.0	0.6
Thermo Fisher Scientific Inc	11.3	2.1	Dendreon Corp 4.75% 06/15/2014 \$10.28	3.6	0.7
UnitedHealth Group	8.3	1.5	Elan Fin plc 8.75% 10/15/16	4.1	0.8
WellPoint Inc	8.2	1.5	Endo Pharma 1.75% 04/15/2015 \$29.20	3.4	0.6
Zimmer Holdings Inc	<u>4.7</u>	<u>0.9</u>	Incyte Corp 4.75 10/01/2015 \$8.78	10.2	1.9
	276.4	51.4	PhaRMA 10 Cinacalcet Royalty B 15.5%	5.1	0.9
			PhaRMA 19 PDL Royalty 10.25%	3.0	0.6
UNITED STATES TOTAL	373.3	69.4	Vertex Milestone Monetization	11.1	2.1
			Vertex Pharma 3.35% 10/01/2015 \$48.83	4.2	0.8
Options			Volcano Corp 2.875% 9/01/2015 \$29.64	1.7	0.3
Long Options	4.6	0.8	VWR Fund Inc 10.25% 07/15/15 \$105.13	<u>7.1</u>	<u>1.3</u>
Short Options	<u>(1.2)</u>	<u>(0.2)</u>		61.6	11.5
	3.4	0.6	Cash	(100.0)	(18.6)
			TOTAL PORTFOLIO	537.7	100.0

Summary

- Outlook is very strong for both Trusts
- Investment strategy for BIOG
 - ▶ Capitalize on low valuations of major biotech, who are still delivering mid-teens earnings growth
 - ▶ Invest in the most promising emerging biotech companies with novel therapies for unmet needs
 - ▶ Capture M&A trend of Big Pharma buying biotech
- Investment strategy for FWPT
 - ▶ Selectively choose large-cap healthcare companies who can better manage industry challenges
 - ▶ Diversify with emerging growth stories in biotechnology, diagnostics, devices, generics, specialty pharma, healthcare services and Asia
 - ▶ Use leverage to invest in non-correlated structured finance investments to support 2% dividend yield

Appendix

OrbiMed Professionals

Partners

Samuel D. Isaly, *Managing Partner*
B.A.: Princeton University
M.Sc. (Econ.): London School of Economics

Jonathan Silverstein, J.D., *Partner*
B.A.: Denison University
J.D./M.B.A.: Univ. of San Diego

Sven H. Borho, CFA, *Partner*
University of Bayreuth
M.Sc. (Econ): London School of Economics

W. Carter Neild, CFA, *Partner*
B.A.: Emory University
M.B.A.: University of Chicago

Carl Gordon, Ph. D., CFA, *Partner*
B.A.: Harvard University
Ph.D.: Molecular Biology, M.I.T.

Geoffrey Hsu, CFA, *Partner*
A.B.: Harvard University
M.B.A.: Harvard University

Michael Sheffery, Ph.D., *Partner*
B.A.: Princeton University
Ph.D.: Molecular Biology, Princeton Univ.

Public Equity

Richard Klemm, Ph.D., CFA
B.A.: University of California, Berkeley
Ph.D.: Molecular Biology, M.I.T.

Trevor Polischuk, Ph.D.
Ph.D.: Neuropharmacology, Queen's Univ.
M.B.A.: Queen's University

Kuhn Tsai, M.D.
A.B.: Harvard University
M.D./M.B.A.: University of Chicago

William Sawyer
B.S.: Pharmacology, Rutgers University
M.B.A.: New York University

C. Scotland Stevens
B.S.: UNC Chapel Hill
M.B.A.: University of Pennsylvania

Tadd Wessel
B.A.: Biology, Princeton University

Matt Rizzo
M.B.A.: Duke University

Jung Ryu
B.A.: Dickinson College

Michael Metschl
B.A.: University of Notre Dame

Private Equity

Samuel Wertheimer, Ph.D.
M.P.H.: Yale School of Public Health
Ph.D.: Immunology, NYU School of Medicine

Klaus Veitinger, M.D., Ph.D., *Venture Partner*
M.D./Ph.D.: University of Heidelberg

Thomas Schuetz, M.D., Ph.D., *Venture Partner*
M.D./Ph.D.: Harvard Medical School

Peter Thompson, M.D., *Venture Partner*
M.D.: Brown University

Vince Burgess, *Venture Partner*
M.B.A.: U.C.L.A.

Joseph Zakrzewski, *Venture Partner*
M.S.: Chemical Engineering, Drexel University

David Bonita, M.D.
M.D./M.B.A.: Columbia University

Rishi Gupta, J.D.
J.D.: Yale Law School

Chau Khuong
M.P.H.: Yale School of Public Health

David Darst
M.B.A.: Harvard University

Vivian Liu
B.A.: Stanford University

Asia Private Equity

Nancy Chang, Ph.D.
B.S.: National Tsing Hua University
Ph.D.: Biochemistry, Harvard University

Jonathan Wang, Ph.D.
M.B.A.: Stanford University
Ph.D.: Molecular Neurobiology, Columbia Univ.

Sunny Sharma, M.D.
M.B.A.: I.I.M., Bangalore
M.D.: Christian Medical College, Ludhiana

Rajesh Dalal, *Venture Partner*
M.M.S.: Jamnalal Bajaj Institute of Mgmt. Studies

Swati Bansal, CFA
B.E.: BMS College of Engineering, Bangalore
M.B.A.: ICFAI University, Hyderabad

Lefei Sun, Ph.D.
B.S.: Tsinghua University
Ph.D.: Neurosciences, Johns Hopkins Univ.

Trency Gu, Ph.D.
B.S.: Biology, Shanghai Jiaotong Univ.
Ph.D.: Molecular Biology, Shanghai Jiaotong Univ.

Vikram Popli
M.B.A.: Indian School of Business, Hyderabad
M.B.B.S.: Maulana Azad Medical College, Delhi

Israel Private Equity

Nissim Darvish, M.D., Ph.D.
M.D.: Technion
Ph.D.: Biophysics, Technion

Anat Naschitz
M.B.A.: INSEAD
LLB: Tel Aviv University

Erez Chimovitz, M.Sc.
M.Sc.: Microbiology, Tel Aviv University
M.B.A.: Tel Aviv University

Aya Jakobovits, Ph.D., *Venture Partner*
M.Sc.: Chemistry, Weizmann Institute
Ph.D.: Life Sciences, Weizmann Institute

Trading

Andrew Kanarek, CFA, *Trading*
Jason Kahn, *Trading*
Kevin Olsen, *Trading Operations*
Mohammad Ayach, *Trading Technology*

Finance & Legal

Alex Cooper, J.D., *General Counsel*
Eric Bittelman, CPA, *Chief Financial Officer*
Donald Bennett, CPA, *Controller*
Kerrie Swingle, *Investor Relations*
Daniel Rhee, *Information Technology*
William Price, *Business Development*
Emily Fung, *Finance*

Differentiation between WWH & BIOG

Differences between BIOG and WWH

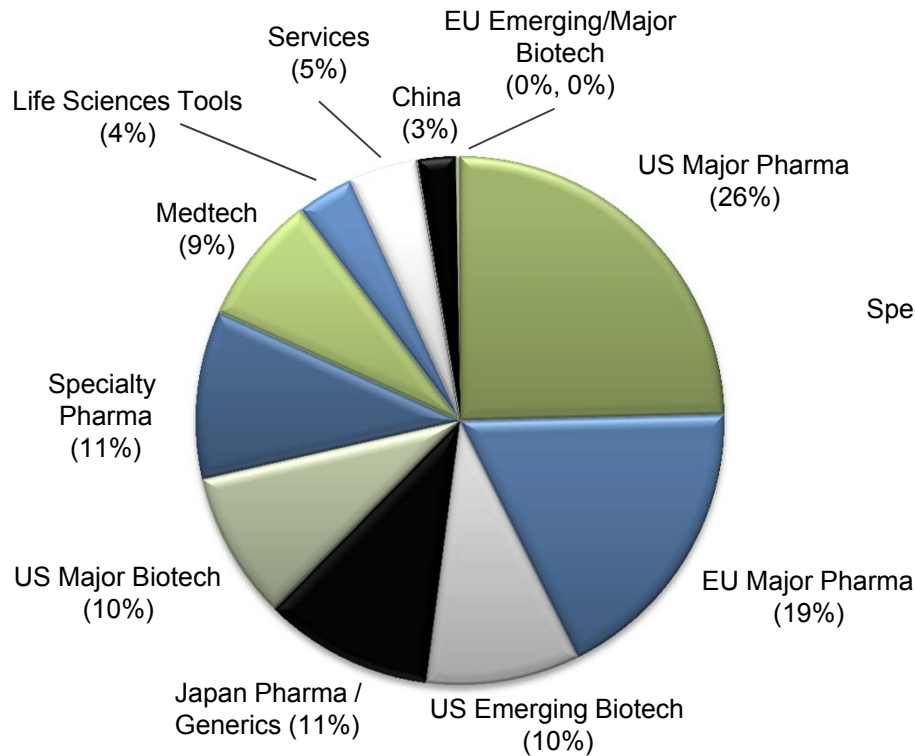
	BIOG	WWH
Investment Universe	Pure Biotechnology	Worldwide Healthcare (pharma, biotech, devices, services, diagnostics)
Objective	Participation in worldwide discovery research	Capitalize on global growth of healthcare spending and development
Return/Risk/Volatility	+++ / ++ / ++	++ / + / +
Benchmark	NASDAQ Biotechnology Index	MSCI World Health Care Index ⁽²⁾
Net Assets ⁽¹⁾	£ 112 million	£ 329 million
Option use	None	Yes
Gearing	0-10%	5-20%

**(1) As of 29 October 2010*

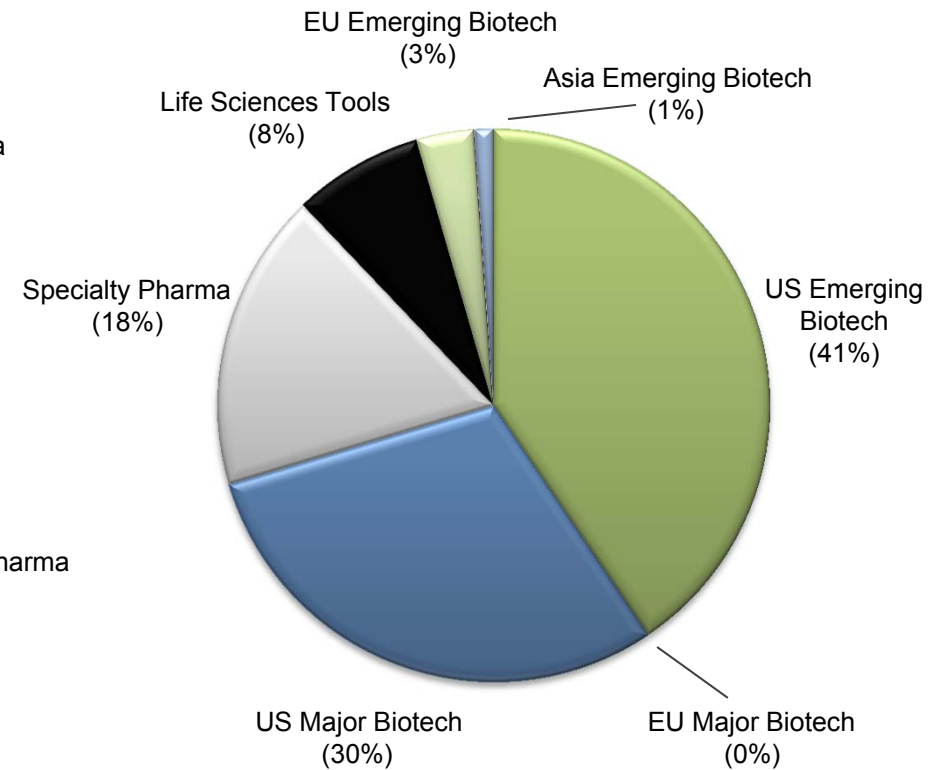
**(2) WWH uses the Datastream World Pharma/Biotech TR Index from inception to September 30, 2010 and then the MSCI World Healthcare Gross Index since September 30, 2010*

Differentiation between BIOG and WWH

WWH



BIOG



Investment Process

PEPR: Core Investment Process

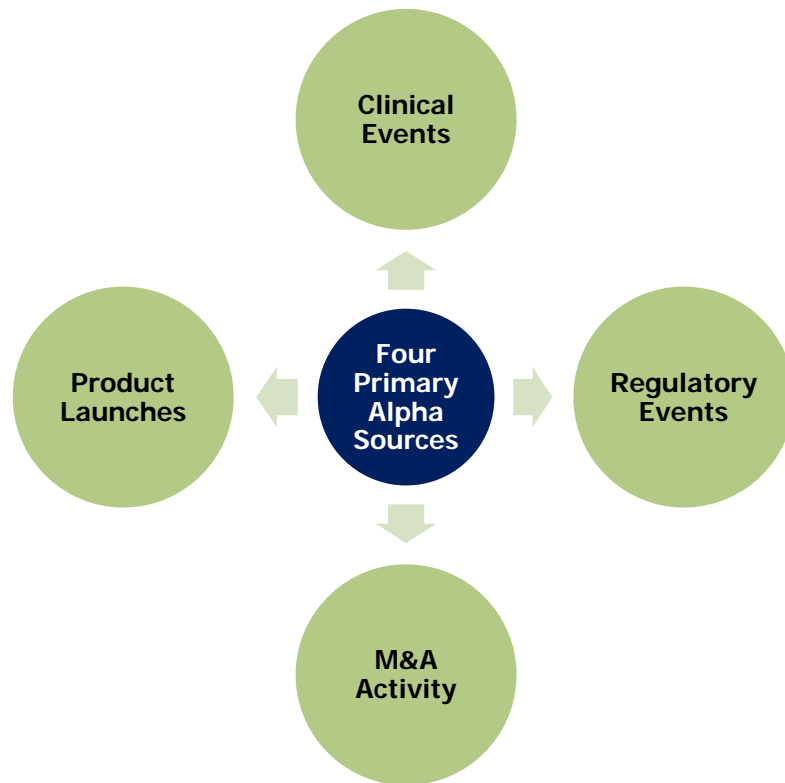
Public Equity Portfolio Review (PEPR)



- **PEPR meeting** held five times a week to go over healthcare related events and investment ideas
 - ▶ **Subsector focused research** by individual analysts provide in-depth analysis and unparalleled industry knowledge
 - ▶ **Timely discussion** of real-time news germane to healthcare
 - ▶ **Thematic PEPR meetings** are held twice a week to broadly discuss subsectors, portfolio strategy and other macro events
 - ▶ Ideas are presented in **open team meetings** to discuss investment merits
 - ▶ Approval and **sizing** are determined by two portfolio managers
 - ▶ **Trading strategies** are critical part of investment process – analysts and traders work together to determine optimal timing
- Monday morning firm-wide meeting held to maximize **synergy** and share industry knowledge between private and public professionals

Alpha Sources and OrbiMed Edge

Persistent Sources of Alpha Generation



Resources to Generate Information Advantage

- Largest proprietary research team among peers
 - ▶ 42 investment professionals, 14 PhD and 8 MD degrees
 - ▶ 20+ years experience evaluating new therapies
- Extensive coverage of scientific news flow
 - ▶ Attend medical/therapeutic conferences
 - ▶ Review of scientific literature and journals
- Consultations with physicians and investigators
 - ▶ Consult regularly with key opinion leaders
 - ▶ Extensive physician survey activity
- Close relationships with industry
 - ▶ Meet annually with 90%+ of coverage universe
 - ▶ Proprietary private equity team relationships
- Pharma-political and FDA consultants
 - ▶ Access to agency and policy-maker views
- Market intelligence
 - ▶ IMS Health prescription trend data
 - ▶ Pre-launch market surveys
- Intellectual property and legal consultants
 - ▶ Patent reviews from industry specialists

Catalysts Remain Focal Point of Investment Diligence

Considerable amount of research effort and resources are dedicated to understanding key industry catalysts

- All relevant industry catalysts are meticulously tracked and filtered
 - Routine morning meetings and afternoon thematic meetings are held to discuss upcoming catalysts that can impact specific investments
 - All catalysts are filtered and methodically ranked to highlight any “major events”

BioMedTracker

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IPD ANALYTICS

Types of Catalysts

Catalyst Type	Explanation	Example
Clinical	Usually binary events that involve data results of important clinical studies – press release, publication, or presentation	BMV’s Phase III ipilimumab data
Regulatory	Usually binary events that involve the FDA on drugs’ marketing/commercial decisions	DNDN’s PROVENGE approval
Legal	Usually involve patent cycle management where a judge can issue rulings to prohibit or allow generic competition	MDCO’s Angiomax patent extension
Thematic – Scientific Meetings	Thematic scientific meetings where major medical data are showcased	ASCO; ASH
Thematic – Company Earnings	Quarterly earnings and updates on company outlook	Various earnings releases