UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 14A

PROXY STATEMENT PURSUANT TO SECTION 14(a) OF THE SECURITIES EXCHANGE ACT OF 1934

Filed by the Registrant \square

Filed by a Party other than the Registrant o

Check the appropriate box:

o Preliminary Proxy Statement

o Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))

o Definitive Proxy Statement

o Definitive Additional Materials

☑ Soliciting Material Pursuant to § 240.14a-12

BIOGEN IDEC INC.

(Name of Registrant as Specified In Its Charter)

N.A.

(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

Payment of Filing Fee (Check the appropriate box):

☑ No fee required.

o Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.

(1) Title of each class of securities to which transaction applies:

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(3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):

(4) Proposed maximum aggregate value of transaction:

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o Fee paid previously with preliminary materials.

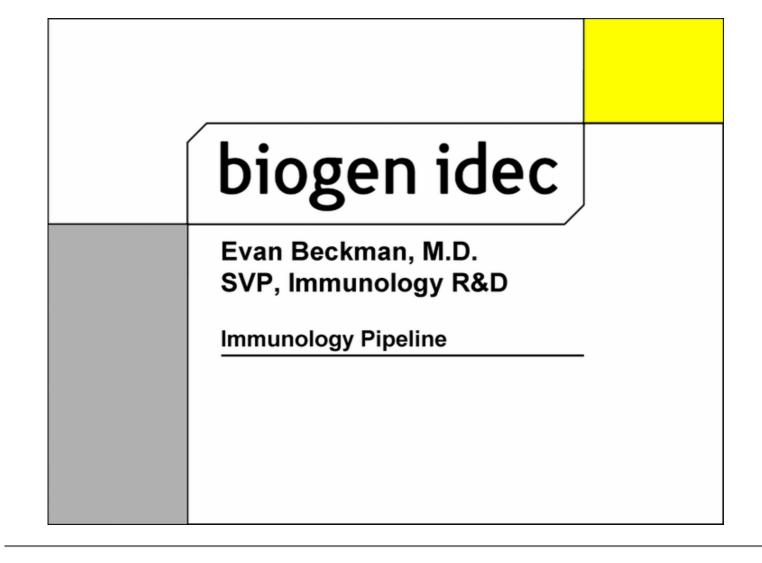
o Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.

(1) Amount Previously Paid:

(2) Form, Schedule or Registration Statement No.:

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Safe Harbor Statement

- This presentation contains forward-looking statements about:
 - the sales potential of barninercept alfa (LTβR-Ig) in rheumatoid arthritis
 - the sales potential of RITUXAN® (rituximab) in lupus
 - the sales potential of TYSABRI® (natalizumab) in Crohn's disease
 the anticipated development and timing of programs in our clinical pipeline
 - our expected filings with regulatory agencies
- In addition, in the course of the presentation, we may provide additional information of a forward-looking nature.
- Each forward-looking statement is subject to risks and uncertainties that could cause actual results to differ materially from those
 that we express or imply.
- Important factors that could cause our actual results to differ include our continued dependence on our two principal products, AVONEX® and RITUXAN®, the uncertainty of success in commercializing other products including TYSABRI®, the occurrence of adverse safety events with our products, the consequences of nomination of directors for election to our Board by an activist shareholder, the failure to execute our growth strategy successfully or to compete effectively in our markets, our dependence on collaborations over which we may not always have full control, possible adverse impact of government regulation and changes in the availability of reimbursement for our products, problems with our manufacturing processes and our reliance on third parties, fluctuations in our operating results, our ability to protect our intellectual property rights and the cost of doing so, the risks of doing business internationally and the other risks and uncertainties that are described in Item 1.A, Risk Factors, in our Annual Report on Form 10-K for the year ended December 31, 2007 and in our quarterly reports on Form 10-Q and in other periodic and current reports we file with the SEC.
- These forward-looking statements speak only as of the date of this presentation, and we do not undertake any obligation to
 publicly update any forward-looking statements, whether as a result of new information, future events, or otherwise.

Page 2 February 26, 2008

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Page 3 February 26, 2008

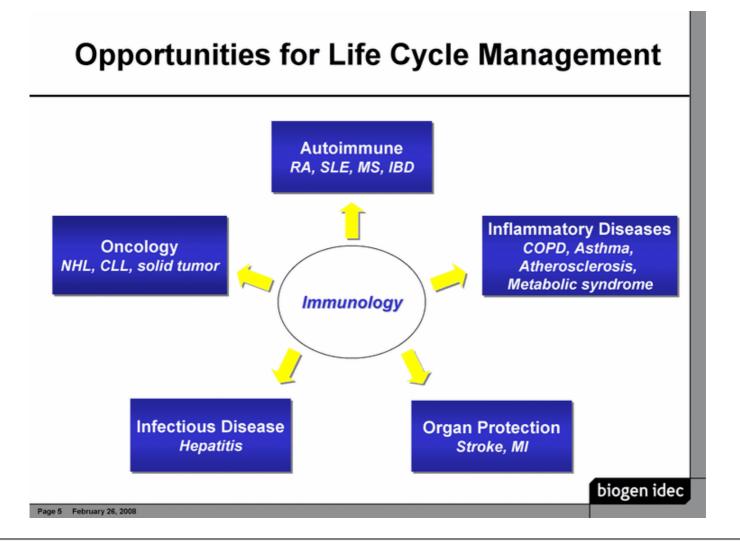
Immunology at Biogen Idec

- Experience
 - Veteran team of immunology discovery researchers with record of generating product development candidates
 - (LTβR-Ig, anti-CD40L PEG-Fab, BR3-Fc, anti-BR3 mAb, LFA3-Fc, anti-CD20 mAb, anti-CD23 mAb)
 - BIIB products approved worldwide in a wide range of indications including rheumatoid arthritis, psoriasis and MS – experienced development team
 - · With additional development experience in Lupus, Crohn's disease

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- · Diseases have predictive clinical endpoints
- Broad application across a range of diseases / markets
 - Lifecycle opportunities

Page 4 February 26, 2008

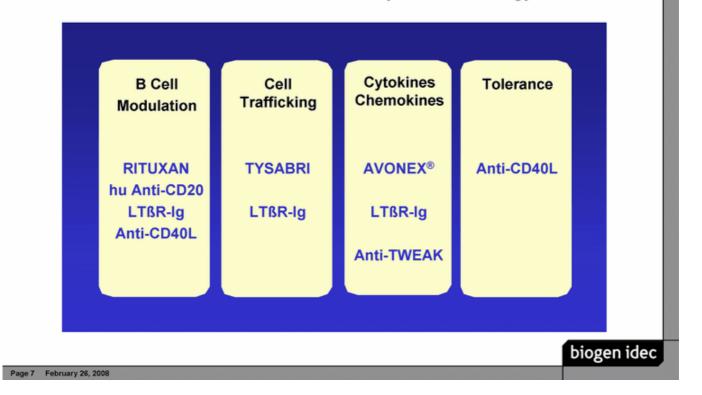


Immunology Strategy

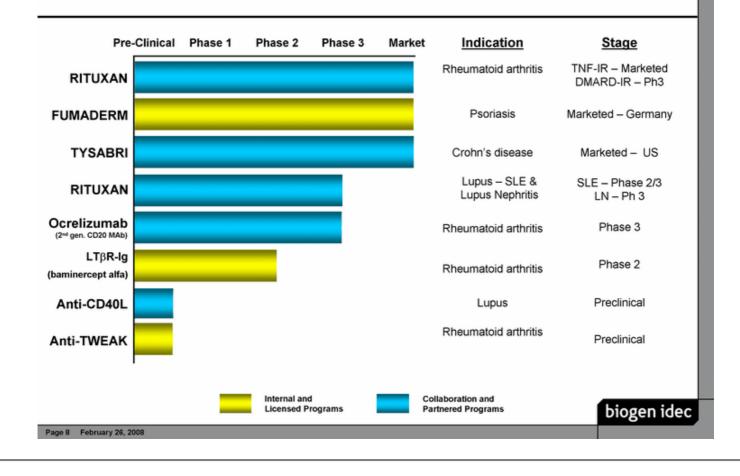
Disease	Lupus	Scleroderma	degenerative	RA	Asthma	IBD	Transplant	Psoriasis
Unmet Need	+++	+++	+++	+ +	++	+ +	++	+
Immune Targets								
T Cells	\checkmark	1	V	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Adhesion/ Migration	\checkmark	V	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
B Cells	\checkmark	1	\checkmark	\checkmark	\checkmark		\checkmark	
Monocytes/ Dendritic Cells	\checkmark		V	\checkmark		\checkmark	V	\checkmark
Cytokines/ Chemokines	\checkmark	V	\checkmark	\checkmark	\checkmark	V		
Eosinophils/ Mast Cells					\checkmark			

Mechanisms of Interest

· We have chosen to focus on certain key areas of biology





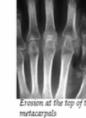


Rheumatoid Arthritis in the United States

DISEASE PROGRESSION IN RHEUMATOID ARTHRITIS







around the joints

1,600

200

ō.

(s.000.)

Patients

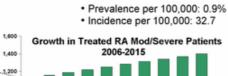
2.8M RA Prevalence

2.1M RA Diagnosed

1.5 M Mod/Severe

DMARD IR 915K

metacarpophalangeal joints



1,200 1,000 800 600 400

2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 TNF IR DMARD IR

- Chronic, progressive disease that results in disability and reduced quality and duration of life
- The RA biologics market is expected to reach \$10B by 2015
- Standard of care evolving toward using novel therapies earlier in disease for better outcomes
- The RA market place will become increasingly competitive

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Sources: Datamonitor, Decision Resources

2006

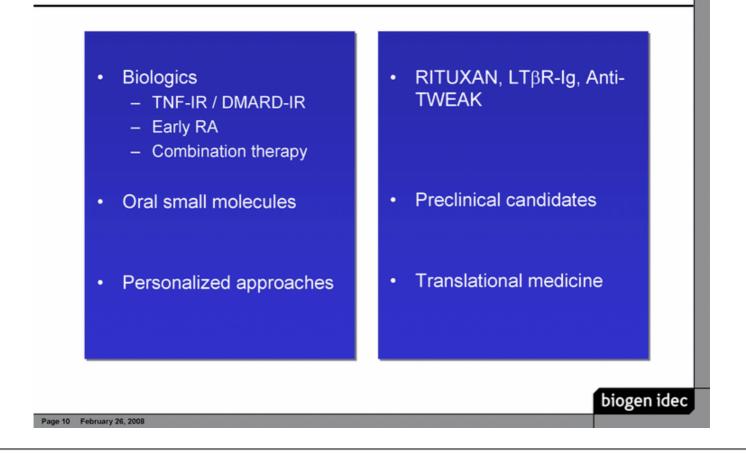
Page 9 February 26, 2008

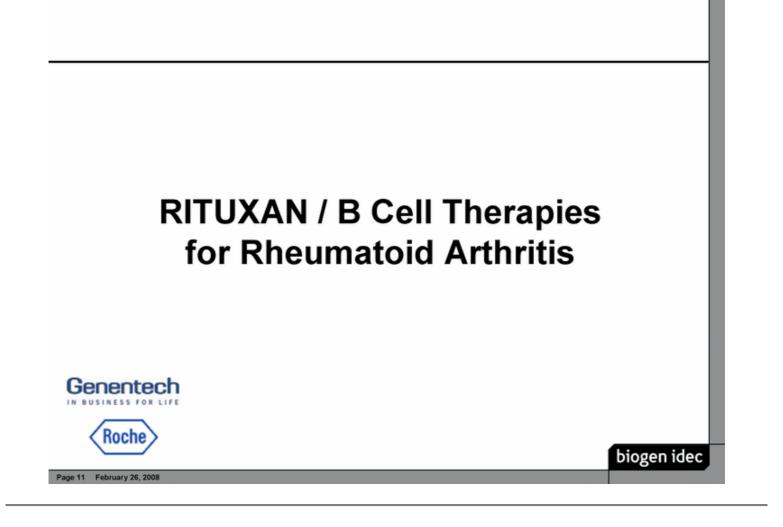
320K TNF

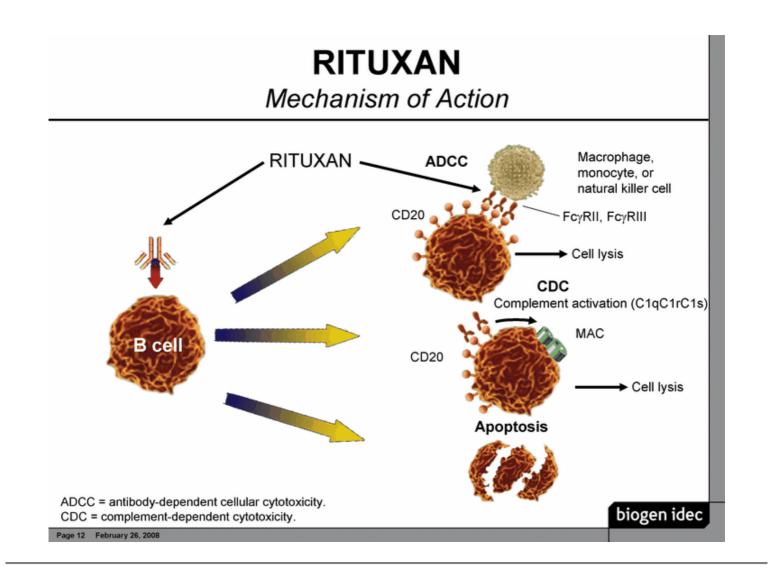
Treated

210K TNF-IR

Strategic Opportunities for RA







RITUXAN Clinical Development Rheumatoid Arthritis

- RITUXAN approved in RA for anti-TNF IR patients Q1 2006
- Phase III trials in DMARD-IR met primary endpoint Jan 2008

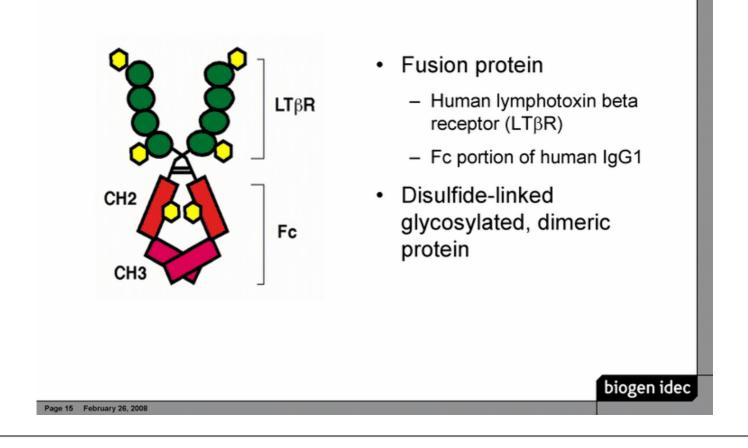
	DMARE) – IR RA	Anti-TNF	– IR RA
Patient Population	Methotrexate Inadequate Responders	Methotrexate Naive	Anti-TNF Inadequate Responders	Anti-TNF Inadequate Responders
Phase Study # of patients	Phase III SERENE (n = 512)	Phase III IMAGE Radiographic Study (n = 750)	Phase III SUNRISE Controlled Re-treatment Study (n = 555)	Phase III REFLEX Study (n = 520)
Status	Initiated Q4-05 Completed enrollment Q4-06	Initiated Q1-06 Completed enrollment Q4-07	Initiated Q1-06 Completed enrollment Q4-06	1-year radiographic data added to label Jan 2008
Data Readout	Positive top line data announced Jan 2008	Top line data in H1-2009	Positive top line data announced Q4-07 earnings	June 2006 EULAR

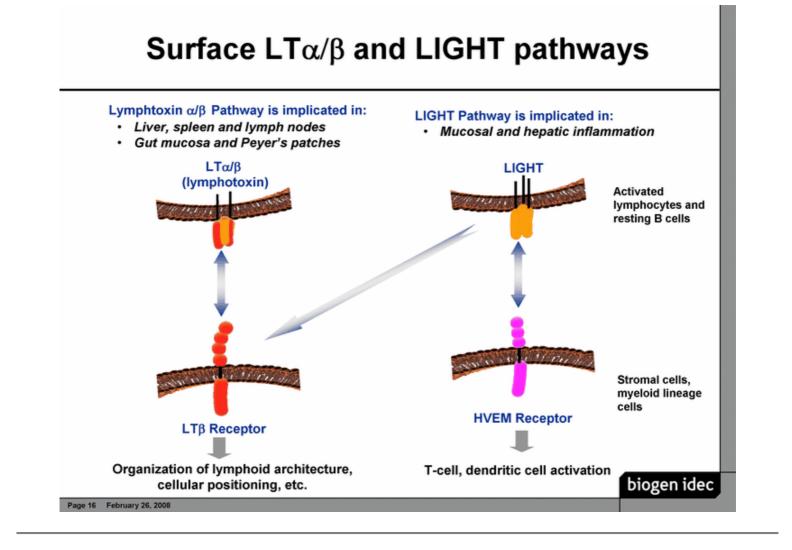
LTβR-Ig (baminercept alfa) A Soluble Lymphotoxin β Receptor for Rheumatoid Arthritis

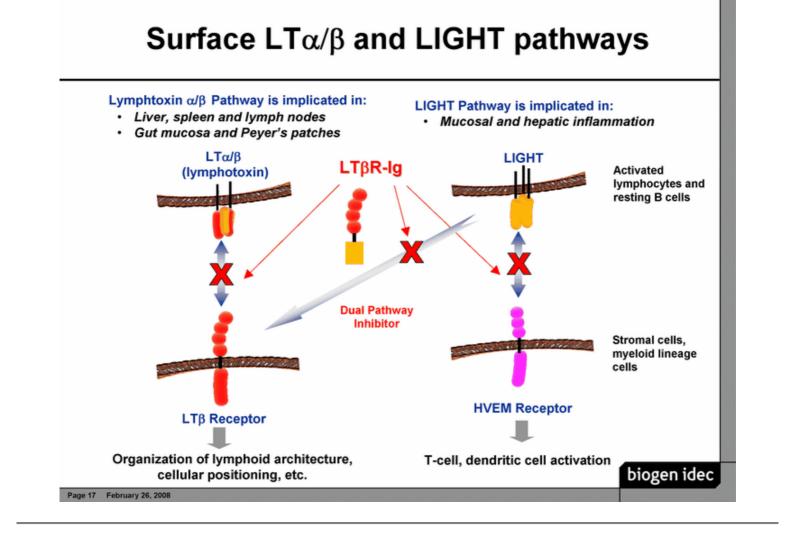
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Page 14 February 26, 2008

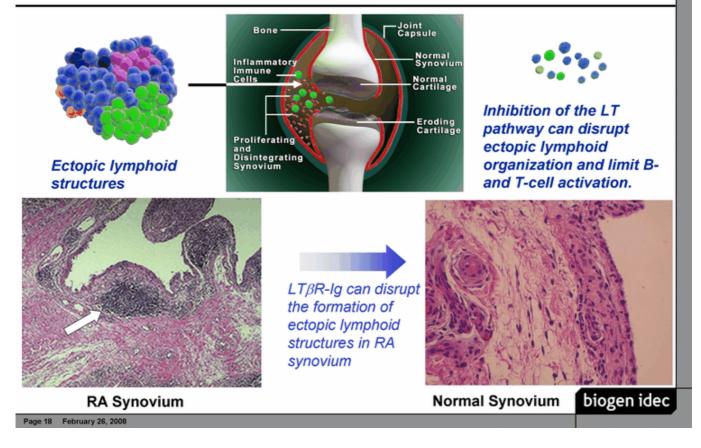
LTβR-Ig (baminercept alfa; BG9924)





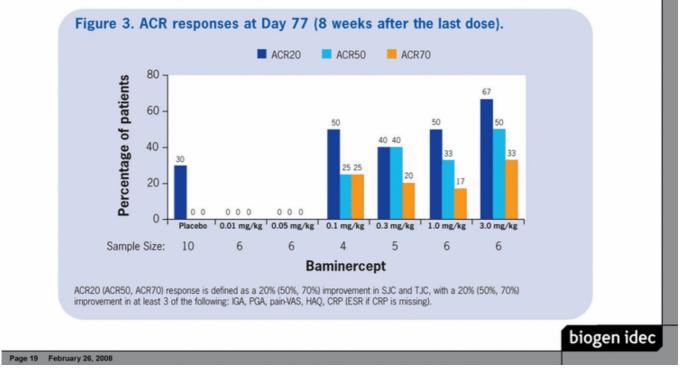


Synovial Ectopic Lymphoid Structures in Chronic Inflammatory Diseases Like RA



LTβR-lg Phase 2a Data

- Presented Phase 2a data as poster at ACR meeting on November 9th
- Clinically meaningful ACR responses 8 weeks after the final 4th weekly SC dose

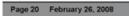


LTβR-Ig (baminercept alfa) Status

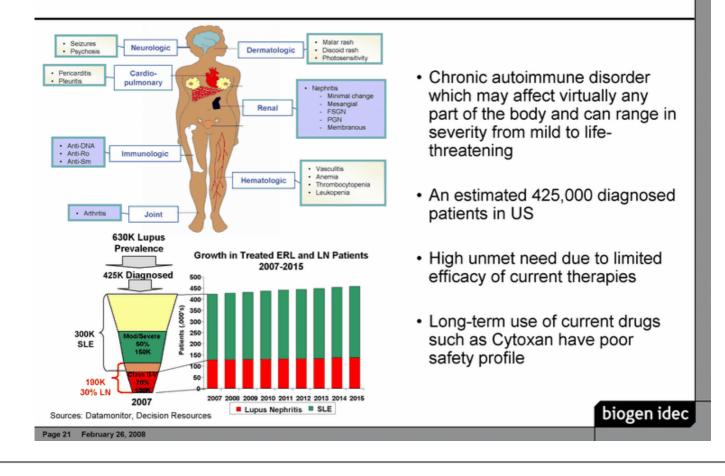
✓ Initiate Phase 2b RA trial in DMARD-IR mid-2007

- 380 patients, dose ranging trial
- Primary endpoint ACR50 at 3 months
- ✓ Initiate Phase 2b RA trial in TNF-IR mid-2007

- 120 patients
- Primary endpoint ACR50 at 3 months



Systemic Lupus Erythematosus in the US



RITUXAN / B Cell Therapies for Systemic Lupus Erythematosus / Lupus Nephritis



RITUXAN Clinical Development SLE and Lupus Nephritis

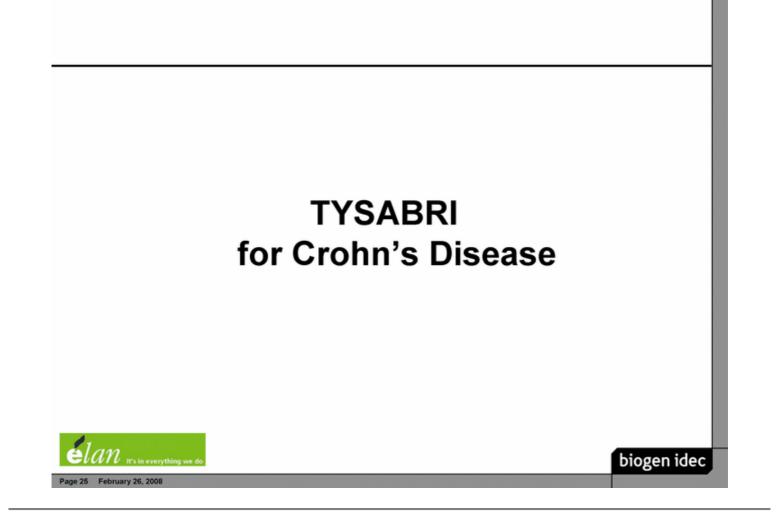
- RITUXAN development ongoing in SLE and LN
- Enrollment for both completed in 2007

Page 23 February 26, 2008

	Lupus Program		
Patient Population	Systemic Lupus Erythematosus	Lupus Nephritis	
Phase Study # of patients	Phase II/III EXPLORER (n=260)	Phase III LUNAR (n=140)	
Status	Initiated Q2-05 Completed enrollment Q1-07	Initiated Q1-06 Completed enrollment Q4-07	
Data Readout	H1 2008	2009	
		I	

BILAG Index in EXPLORER

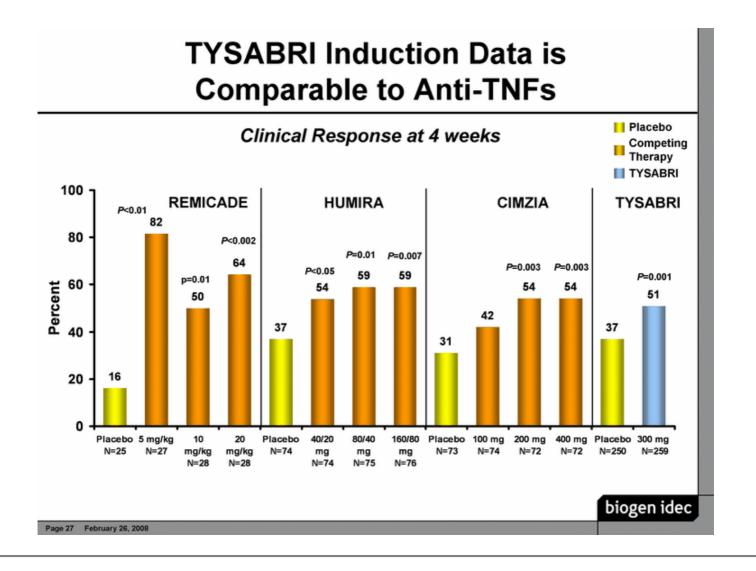
•	 EXPLORER Primary Objective - summary To assess the efficacy of rituximab compared to placebo in achieving and maintaining clinical response based on monthly BILAG assessments to week 52
•	 BILAG-2004 Index (Disease Activity Instrument) An index that assesses 97 clinical signs, symptoms and laboratory measures across 9 organ systems (Isenberg, et al, 2005) Categorizes activity based on severity, change over the past month and need to change therapy Clinically relevant, validated and sensitive to change
•	 Other Disease Instruments (Exploratory Assessments) SELENA-SLEDAI (Disease Activity) An index that measures disease activity in 9 organ systems over the past 10 days (Liang MH, et al, 1989) SLICC / ACR-SDI (Damage) An Index that measures damage according to 12 different systems and categories (Gladman, et al, 1996)
Page 24 February 2	5, 2008



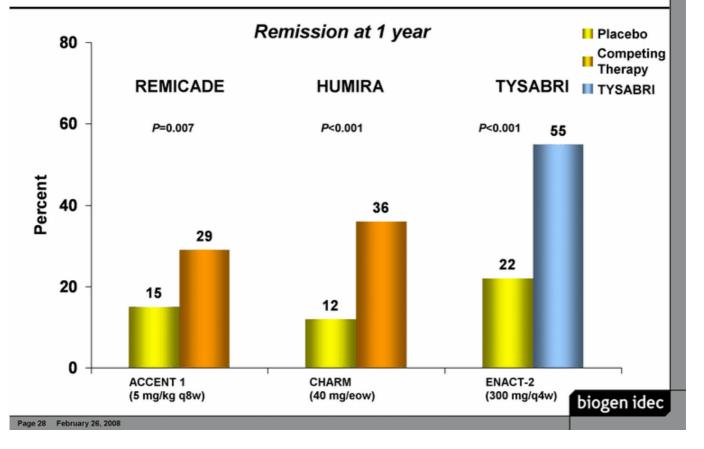
Crohn's Disease & Market Opportunity

- Crohn's Disease
 - Chronic and progressive inflammatory disease of the gastrointestinal tract
 - Unmet medical need as many patients fail to respond to current therapies
 - ~500,000 CD patients in the US
- TYSABRI[®] Market Opportunity
 - Estimated 40,000 50,000 CD patients in the US are currently being treated with a biologic therapy
 - Sales of anti-TNF agents for CD estimated at ~\$700 million in 2007
- Anticipated Market Dynamics
 - Crohn's Disease biologic market expected to grow with recent approvals
 - Reduced immunosuppressive use with new entrants, particularly in combination with biologics
 - Steroid sparing ability will be become more important

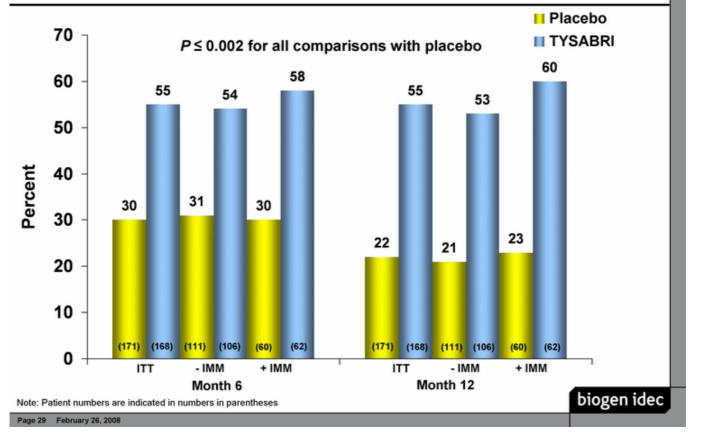




TYSABRI Maintenance Data Compares Favorably to Anti-TNFs



Concomitant Immunosuppressives are Not Needed to Maintain Remission



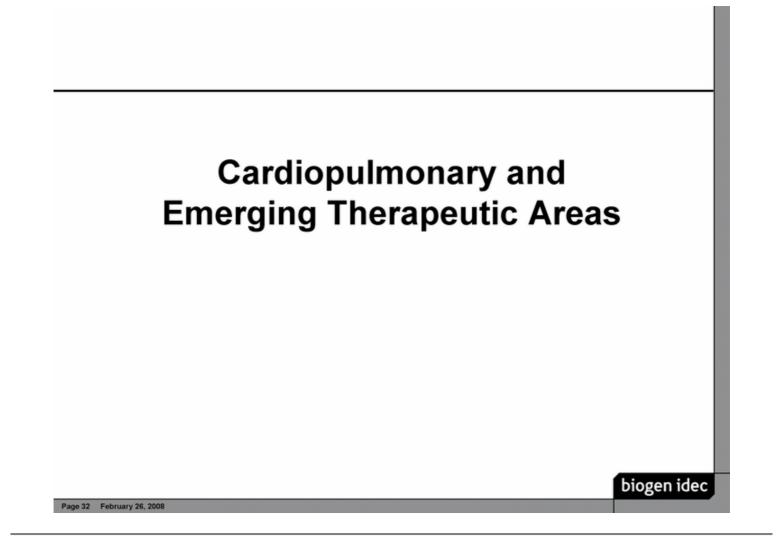


- TYSABRI® approved in US on January 14th 2008
 - Approved for inducing and maintaining clinical response and remission in adult patients with moderately to severely active Crohn's disease (CD) with evidence of inflammation who have had an inadequate response to, or are unable to tolerate, conventional CD therapies and inhibitors of TNF-alpha
 - Tysabri is available to CD patients through a CD-specific risk management plan that includes participation in the mandatory TOUCH[™] Prescribing Program
 - Anticipated to be available to CD patients by the end of February 2008

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Page 30 February 26, 2008

Immunology Development Summary
 Biogen Idec currently has important marketed products targeting key immunologic pathways Unmet need remains in many autoimmune diseases
 Leveraging our core expertise in immunology, next generation projects will bring further value in autoimmune disease
Page 31 February 26, 2008



Acute Heart Failure

- Disease Characteristics & Unmet Medical Need
 - Heart failure patients can't pump enough blood to the body's other organs
 - Significant morbidity and mortality
 - · Five year mortality higher than most cancers
 - · Frequent cause of hospitalizations
 - Hyponatremia and renal complications extend the length of hospital stays and increase readmissions
 - Limiting toxicities associated with current therapies
- Market Opportunity
 - Heart failure leading cause of hospitalizations in the world
 - · Top three healthcare system cost burden (heart failure, diabetes & asthma)

- · >1 million hospitalizations each year in the U.S.
- · ~35% heart failure patients hyponatremic on admission
- Growing patient base
- Addressable with specialty hospital based sales force

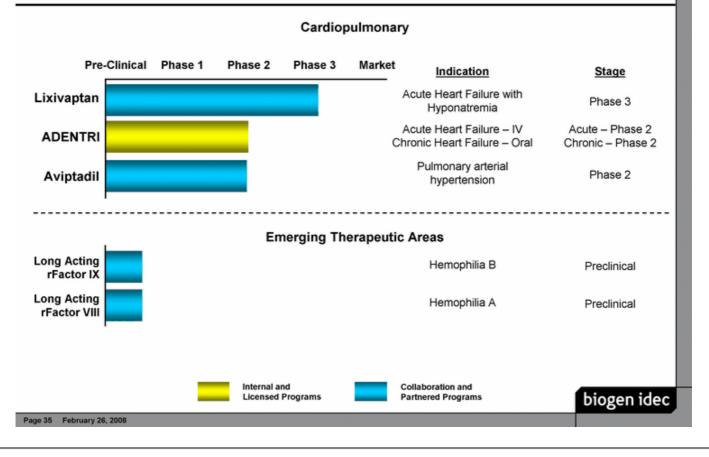
Page 33 February 26, 2008

Acute Heart Failure Therapies

- Current therapeutic approaches
 - Fluid restriction to remove water
 - · Only current therapy for hyponatremic heart failure patients
 - Diuretics remove water, but also remove sodium
 - Can induce hyponatremia and worsen renal function
 - Positive inotropes inhibit sodium pump, increase heart contraction strength
 - Potential increase in the incidence of cardiac arrhythmias, other limitations
- Potential therapeutic improvements
 - "Aquaretics" regulate water volume independent of sodium or other electrolytes
 - Lixivaptan
 - Renal protectants
 - Adentri
 - Combination therapies

Page 34 February 26, 2008

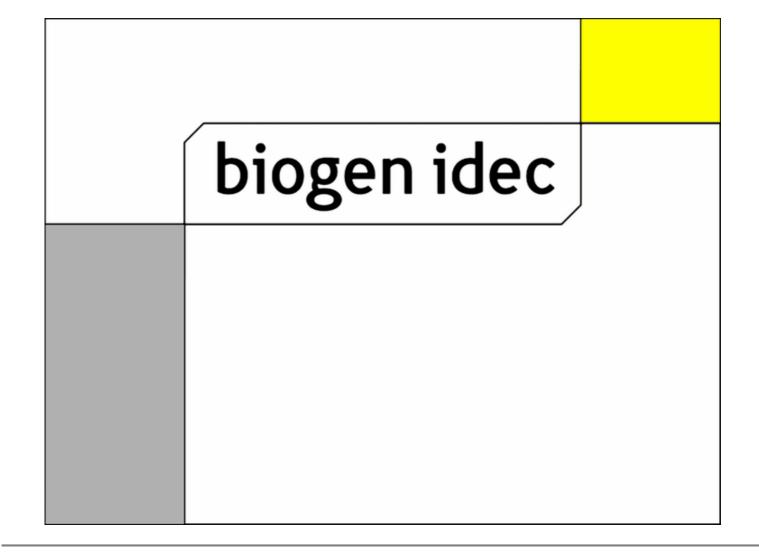
Cardiopulmonary & Emerging Therapeutic Area Pipeline



Lixivaptan

- · Late stage asset lixivaptan
 - Collaboration agreement with Cardiokine announced July 2007
 - Selective oral V2 vasopressin receptor antagonist
 - Promising Phase 2 activity for hyponatremia (low plasma sodium concentration)
 - Phase 3 recently initiated
 - · Randomized, placebo controlled, double blind, multicenter trial
 - · Over 600 heart failure patients with hyponatremia randomized 1:1
 - · Dosing titrated for each patient
 - · Primary Endpoint: Increase in serum sodium
 - · Special Protocol Assessment with FDA
 - Additional trials planned to begin in 2008
- Hyponatremia (plasma sodium <135 mmol/L)
 - Common complication associated with heart failure and other disorders
 - Often leads to fluid volume overload and hospitalization
 - ~1.4 million hyponatremic patients in U.S. (~60% associated with heart failure)







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Feb 26, 2008

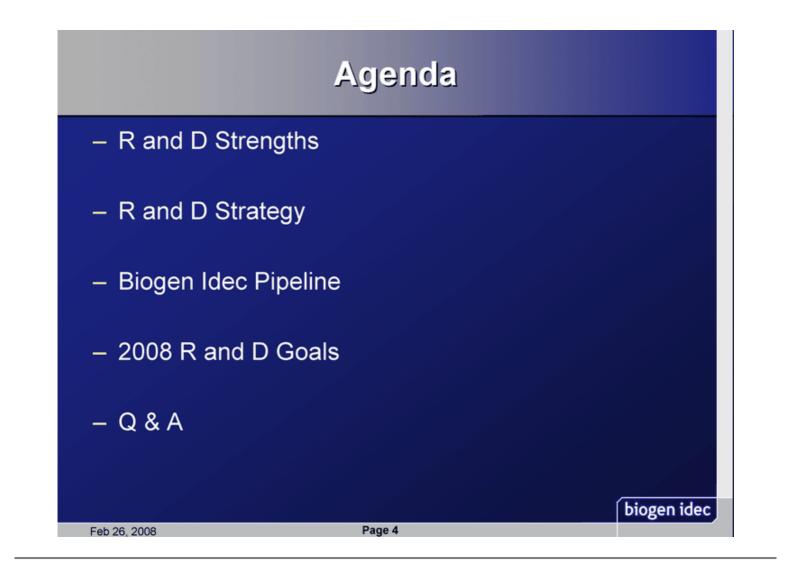
Page 2

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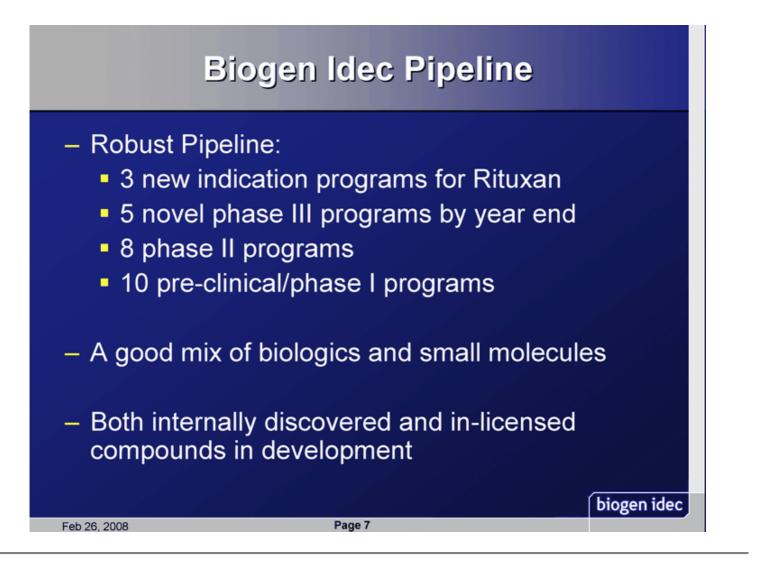
Feb 26, 2008

Page 3



Biogen Idec's R and D Strengths
 Strong R&D fundamentals World class biotherapeutic discovery and development organization
 Focused drug discovery and development efforts: Neurology Immunology Oncology Cardiopulmonary & Emerging areas
 Strong link between discovery research, clinical development, and strategic business units
 Proven track record of discovering and developing innovative molecules
Feb 26, 2008 Page 5





Biogen Idec Pipeline Late Development

<u>Program</u>	<u>Status</u>	Indication	
BG-12	Phase 3	RRMS	
Galiximab	Phase 3	Relapsed NHL	
Lumiliximab	Phase 3	Relapsed CLL	
Lixivaptan	Phase 3	Acute heart failure with hyponatremia	
Adentri (IV)	Phase 3 in 2008	Acute decompensated congestive heart failure	
<u>Program</u>	<u>Status</u>	Indication	
Daclizumab	Phase 2	RRMS	
CDP323	Phase 2	RRMS	
LTβR-Ig (baminercept alfa)	Phase 2	RA	
M200 (volociximab)	Phase 2	Solid Tumors (ovarian, NSCLC, melanoma)	
Hsp90 Inhibitor (2024)	Phase 2	Solid Tumors (FDG-PET GIST)	
Aviptadil	Phase 2	РАН	
Adentri (oral)	Phase 2	Chronic heart failure	
BIIB14	Phase 2	Parkinson's disease	
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Feb 26, 2008	Page	8	

Biogen Idec Pipeline Early Development

<u>Program</u>	<u>Status</u>	Indication
Anti-IGF-1R	Phase 1	Solid Tumors
Anti-Cripto-DM4	Preclinical	Solid Tumors
Hsp90 Inhibitor 3647	Preclinical	Solid Tumors
Tysabri (natalizumab)	Preclinical	Multiple Myeloma
Raf Inhibitor	Preclinical	Solid Tumors
CD40L-Fab	Preclinical	SLE
Anti-TWEAK	Preclinical	RA
Neublastin	Preclinical	Neuropathic Pain
Long Acting rFactor IX	Preclinical	Hemophilia B
Long Acting rFactor VIII	Preclinical	Hemophilia A

Feb 26, 2008

Page 9

2008 R and D Goals Advance registrational studies to achieve accelerated approval dates: Lumiliximab in relapsed CLL · Lixivaptan in acute heart failure with hyponatremia BG-12 in RRMS Galiximab in relapsed NHL Adentri (IV) in ADHF Advance proof of concept programs to next decision point: BIIB14 in Parkinson's CDP323 in RRMS Baminercept alfa in RA Volociximab monotherapy in Ovarian Cancer 3rd line Hsp90 Inhibitor (2024) in GIST biogen idec Page 10 Feb 26, 2008

	2008 R and D Goals	
– Advance ea	arly stage pipeline cont.	
 Initiate fir 	rst in human studies	
• Anti-C	CRIPTO-DM4 in solid tumors	
• Anti-I	GF-1R in solid tumors	
• Anti-T	TWEAK in RA	
• Hsp90	0 Inhibitor (3647) in solid tumors	
Neubl	lastin in neuropathic pain	
• Long	Acting rFactor IX in hemophilia B	
 Initiate pr 	roof of concept studies:	
• IFN-b	peta 1a in UC	
• Meflo	quine in PML	
• Tysat	bri in multiple myeloma	
• BG-12	2 in RA	
• BG-12	2 in CD	biogen idec
Feb 26, 2008	Page 11	

Data Readouts to Year End 2008

Completed:

- √ Daclizumab Phase 2 CHOICE in Relapsing Remitting MS
- √ Baminercept Phase 2a in RA
- √ Rituxan Phase 3 SERENE in DMARD-IR RA

Still to Come:

- Rituxan Phase 2/3 EXPLORER in SLE
- Rituxan Phase 2/3 OLYMPUS in Primary Progressive MS
- Baminercept alfa Phase 2b in RA
- BIIB14 Phase 2a in Parkinson's Disease
- Hsp90 Inhibitor (2024) Phase 1/2 in FDG-PET GIST
- Volociximab Phase 2 in one of several solid tumors
- Long Acting Factor IX Phase 1/2 in Hemophilia B
- Rituxan Phase 3 REACH in CLL

Feb 26, 2008

Page 12

