

## Eleven Biotherapeutics

### COMPANY AND PIPELINE OVERVIEW REPORT

Coverage of the company and a summary of the drug pipeline portfolio.

Publication Date: 03-Mar-2013

#### THOMSON REUTERS

3 Times Square  
New York, New York 10036  
United States

Tel: +1 646 223 4000

[thomsonreuters.com](http://thomsonreuters.com)

[Return to Table of Contents](#)



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[Return to Table of Contents](#)



## GLOSSARY

### Number of Drugs in Active Development

Number of drugs associated with the company or subsidiary that are currently in active development, i.e. the development status for the drug(s) is one of the following: Discovery, Clinical, Phase I, Phase II, Phase III, Pre-registration, Registered, Launched, or Suspended.

### Number of Inactive Drugs

Number of drugs associated with the company or subsidiary that are currently classified as inactive, i.e. where the development status for the drug(s) is one of the following: No Development Reported, Discontinued, or Withdrawn.

### Number of Patents as Owner

Number of patents associated with the company where the company is listed as owner; i.e. the relationship type (or way the patent refers to the company) is: Patent Assignee/Owner, Patent owner (not assignee), Licensee for development and marketing, Licensee – marketing only (Distributor), Patent assignee of family member, Inferred assignee.

### Number of Patents as Third Party

Number of patents associated with the company where the company is listed as third party; i.e. the relationship type (or way the patent refers to the company) is: Patent assignee (not owner), Ex-Licensee for development and marketing, Ex-Licensee marketing only (Distributor), Customer of technology, Ex-Customer of technology, Patent opponent or infringer, Affiliate organization of inventor, Owner of underlying technology.

### Patents summary table

This table represents a summary of the core patent coverage for this company covering Therapeutic EP, US and WO patents since 1990 only.

### Number of Deals

A count of deals where the company or one of its subsidiaries is the primary company.

### Key Indications

Displays top ten key indications for the company and its subsidiaries based on frequency (indications occurring with high and identical frequency are always included, and this may result in more than ten Key Indications being listed). Includes both indications associated with patents where the company is patent owner and indications associated with drugs in active development. A drug is classified as 'active' if it features on a row (or rows) in the current development status table where the status is one of the following: Discovery, Clinical, Phase I, Phase II, Phase III, Pre-registration, Registered, Launched, or Suspended.

### Key Target-based Actions

Displays top ten key target-based actions for the company and its subsidiaries based on frequency (actions occurring with high and identical frequency are always included, and this may result in more than ten Key Target-based Actions being listed). Includes both target-based actions associated with patents where the company patent owner and target-based actions associated with drugs in active development. A drug is classified as 'active' if it features on a row (or rows) in the current development status table where the status is one of the following: Discovery, Clinical, Phase I, Phase II, Phase III, Pre-registration, Registered, Launched, or Suspended. A target-based action is one that is associated with a target.

### Key Technologies

Displays top ten key technologies for the company and its subsidiaries based on frequency (technologies occurring with high and identical frequency are always included, and this may result in more than ten Key Technologies being listed). Includes both key technologies associated with patents where the company relationship is patent owner and key technologies associated with drugs in active development. A drug is classified as 'active' if it features on a row (or rows) in the current development status table where the status is one of the following: Discovery, Clinical, Phase I, Phase II, Phase III, Pre-registration, Registered, Launched, or Suspended.

[Return to Table of Contents](#)



TABLE OF CONTENTS

Company Overview..... 5

Company Profile..... 6

Product Portfolio Summary..... 6

Product Portfolio Drugs..... 9

[Return to Table of Contents](#)

# Eleven Biotherapeutics

## COMPANY OVERVIEW

<b>Company Name</b>	Eleven Biotherapeutics
<b>Parent Company Name</b>	Eleven Biotherapeutics
<b>Website</b>	<a href="http://www.elevenbio.com/index.php">http://www.elevenbio.com/index.php</a>
<b>Country</b>	US
<b>Number of Drugs in Active Development</b>	5
<b>Number of Inactive Drugs</b>	3
<b>Number of Patents as Owner</b>	4
<b>Number of Patents as Third Party</b>	2
<b>Number of Deals</b>	1
<b>Key Indications</b>	Inflammatory disease, Immune disorder, Xerophthalmia, Allergy, Diabetic macular edema, Hematological disease, Metabolic disorder, Autoimmune disease, Cancer, Rheumatoid arthritis
<b>Key Target-based Actions</b>	IL-1 antagonist, IL-17 antagonist, Factor VIII agonist, GDF-8 antagonist, IL-6 antagonist, Interleukin-1 ligand modulator, Interleukin-6 ligand inhibitor, Albumin agonist, Chemokine receptor agonist, Cytokine receptor agonist, Epidermal growth factor receptor modulator, Fibronectin modulator, Hemagglutinin stimulator, IL-1 receptor accessory protein inhibitor, IL-12 antagonist, IL-23 antagonist, Immunoglobulin Fc receptor agonist, Immunoglobulin G agonist, Interleukin 17A ligand, Interleukin 17B ligand, Interleukin 17C ligand, Interleukin 17D ligand, Interleukin 17E ligand, Interleukin 17F ligand, Interleukin-1 alpha ligand inhibitor, Interleukin-1 alpha ligand modulator, Interleukin-1 beta ligand inhibitor, Interleukin-1 beta ligand modulator, Interleukin-12 receptor beta chain 1 modulator, Lysozyme
<b>Key Technologies</b>	Biological therapeutic, Peptide, Parenteral formulation unspecified, Antibody, Dermatological formulation, Ophthalmic formulation, Local formulation unspecified, Protein recombinant, Polynucleotide sequence, Protein chimeric, Vector expression

## COMPANY PROFILE

### SUMMARY

Eleven Biotherapeutics aims to develop protein-based therapeutics, with an initial focus on inflammatory conditions and coagulation disorders.

### FINANCIAL

In May 2012, the company secured \$20 million in a series A equity financing, expanding the total amount raised to \$45 million.

In February 2010, Eleven raised \$35 million in a series A financing.

[Return to Table of Contents](#)

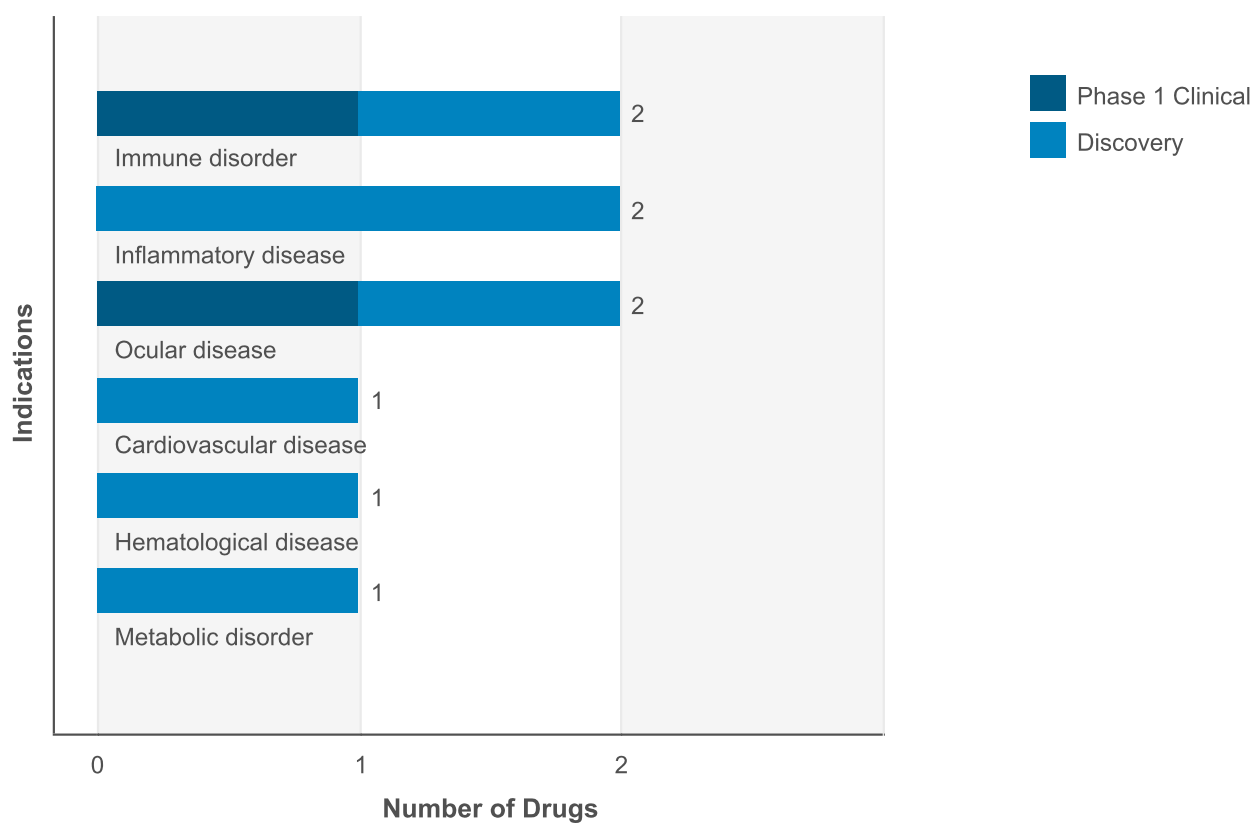


## PRODUCT PORTFOLIO SUMMARY

### DRUGS

#### Drugs by Indication

Active Drugs by Indication Chart



Drugs by Indication Table

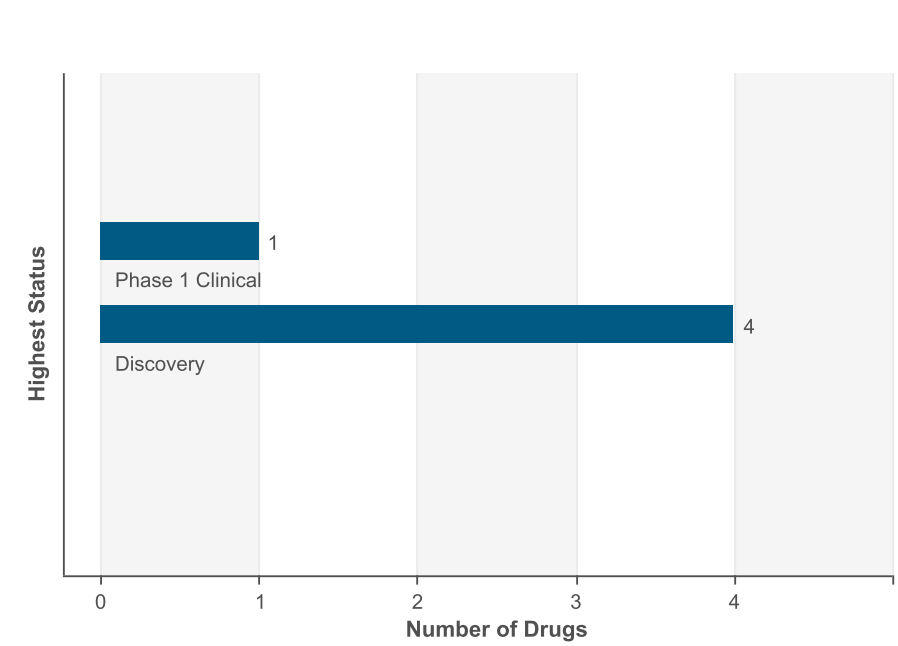
Indication	Active	Inactive	Total
Inflammatory disease	2	2	4
Immune disorder	2	2	4
Ocular disease	2	0	2
Hematological disease	1	1	2
Musculoskeletal disease	0	2	2
Dermatological disease	0	1	1
Growth disorder	0	1	1
Genetic disorder	0	1	1

[Return to Table of Contents](#)

Metabolic disorder	1	0	1
Cardiovascular disease	1	0	1

# Drugs by Highest Status

Active Drugs by Highest Status Chart



Drugs by Highest Status Table

Development Status	Number of Drugs
Phase 1 Clinical	1
Discovery	4
No Development Reported	3

# DEALS

Deal Type	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
Drug - Funding	1	0	0	0	1

# CLINICAL TRIALS

Trials by Condition Studied

Condition Studied	Ongoing	All
Ocular disease	1	1

[Return to Table of Contents](#)

## Trials by Phase

Phase	Ongoing	All
Phase 1	1	2

### Phase Definitions

#### Phase 3 Clinical

Includes Phase 3, Phase 3b, Phase 3a, Phase 2/3 (where enrolment count is 300 or over)

#### Phase 2 Clinical

Includes Phase 2, Phase 2a, Phase 2b, Phase 1/2 (where enrolment count is 100 or over), Phase 2/3 (where enrolment count is under 300 or not specified)

#### Phase 1 Clinical

Includes Phase 1, Phase 1a, Phase 1, Phase 1/2 (where enrolment count is under 100 or not specified), Phase 0

## PATENTS \*

Indication	As Owner	As Third Party	Total
Endocrine disease	0	1	1
Gastrointestinal disease	2	1	3
Genitourinary disease	0	1	1
Immune disorder	4	1	5
Musculoskeletal disease	2	0	2
Neoplasm	1	2	3
Ocular disease	2	0	2
Neurological disease	1	0	1
Respiratory disease	0	1	1
Infectious disease	1	1	2
Inflammatory disease	4	0	4
Gynecology and obstetrics	0	1	1
Dermatological disease	1	1	2

\* This table represents a summary of the core patent coverage for this company covering Therapeutic EP, US and WO patents since 1990 only.

[Return to Table of Contents](#)





## PRODUCT PORTFOLIO DRUGS

**PLEASE NOTE:** Highest status refers to highest development of that drug for one of the active companies

### EBI-005

<b>Drug Name</b>	EBI-005
<b>Key Synonyms</b>	
<b>Originator Company</b>	Eleven Biotherapeutics
<b>Active Companies</b>	Eleven Biotherapeutics
<b>Inactive Companies</b>	
<b>Highest Status</b>	Phase 1 Clinical
<b>Active Indications</b>	Xerophthalmia, Allergy
<b>Target-based Actions</b>	IL-1 antagonist
<b>Other Actions</b>	Ophthalmological agent
<b>Technologies</b>	Ophthalmic formulation, Biological therapeutic, Peptide
<b>Last Change Date</b>	19-Feb-2013

### IL-1 program (topical/local, inflammation), Eleven Biotherapeutics

<b>Drug Name</b>	IL-1 program (topical/local, inflammation), Eleven Biotherapeutics
<b>Key Synonyms</b>	
<b>Originator Company</b>	Eleven Biotherapeutics
<b>Active Companies</b>	Eleven Biotherapeutics
<b>Inactive Companies</b>	
<b>Highest Status</b>	Discovery
<b>Active Indications</b>	Inflammatory disease
<b>Target-based Actions</b>	Interleukin-1 ligand modulator
<b>Other Actions</b>	Anti-inflammatory, IL-1 modulator
<b>Technologies</b>	Dermatological formulation, Biological therapeutic, Local formulation unspecified, Peptide
<b>Last Change Date</b>	19-Jan-2012

[Return to Table of Contents](#)



**EBI-018**

<b>Drug Name</b>	EBI-018
<b>Key Synonyms</b>	
<b>Originator Company</b>	Eleven Biotherapeutics
<b>Active Companies</b>	Eleven Biotherapeutics
<b>Inactive Companies</b>	
<b>Highest Status</b>	Discovery
<b>Active Indications</b>	Diabetic macular edema
<b>Target-based Actions</b>	Interleukin-6 ligand inhibitor, IL-6 antagonist
<b>Other Actions</b>	Anti-inflammatory
<b>Technologies</b>	Antibody, Biological therapeutic, Parenteral formulation unspecified
<b>Last Change Date</b>	23-Nov-2012

**EBI-006**

<b>Drug Name</b>	EBI-006
<b>Key Synonyms</b>	
<b>Originator Company</b>	Eleven Biotherapeutics
<b>Active Companies</b>	Eleven Biotherapeutics
<b>Inactive Companies</b>	
<b>Highest Status</b>	Discovery
<b>Active Indications</b>	Inflammatory disease
<b>Target-based Actions</b>	IL-17 antagonist
<b>Other Actions</b>	Anti-inflammatory, Topical antipsoriatic product
<b>Technologies</b>	Dermatological formulation, Biological therapeutic, Peptide
<b>Last Change Date</b>	23-Nov-2012

[Return to Table of Contents](#)

protein therapeutics (hematological/immunosuppressive/metabolic disorders), Eleven Biotherapeutics

Drug Name	protein therapeutics (hematological/immunosuppressive/metabolic disorders), Eleven Biotherapeutics
Key Synonyms	
Originator Company	Eleven Biotherapeutics
Active Companies	Eleven Biotherapeutics
Inactive Companies	
Highest Status	Discovery
Active Indications	Metabolic disorder, Immune disorder, Hematological disease
Target-based Actions	
Other Actions	Blood system agent, Immunomodulator, Unspecified drug target
Technologies	Biological therapeutic, Parenteral formulation unspecified, Peptide
Last Change Date	22-Nov-2012

[Return to Table of Contents](#)

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[Return to Table of Contents](#)

