

## Coherus BioSciences Inc

### CORTELLIS COMPANY DETAILED PIPELINE REPORT

A comprehensive coverage of the the company's drug pipeline portfolio including detailed product records.

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# ABOUT CORTELLIS COMPANY DETAILED PIPELINE REPORT

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## 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i.e. where the development status for the drug(s) is one of the following: No Development Reported, Discontinued, or Withdrawn.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.

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# Coherus BioSciences Inc

## COMPANY OVERVIEW

Company Name	Coherus BioSciences Inc
Parent Company Name	Coherus BioSciences Inc
Website	<a href="http://www.coherus.com/">http://www.coherus.com/</a>
Country	US
Number of Drugs in Active Development	8
Number of Inactive Drugs	0
Number of Patents as Owner	9
Number of Patents as Third Party	0
Number of Deals	2
Key Indications	Unidentified indication,Rheumatoid arthritis,Psoriasis,Inflammatory disease,Febrile neutropenia,Hematological neoplasm,Ankylosing spondylitis,Psoriatic arthritis,Asthma,Atopic dermatitis,Cachexia,Chronic obstructive pulmonary disease,Crohns disease,Hepatitis C virus infection
Key Target-based Actions	TNF alpha ligand inhibitor,TNF antagonist,Type II TNF receptor modulator,B-lymphocyte antigen CD20 inhibitor,GCSF ligand,GCSF receptor agonist
Key Technologies	Biological therapeutic,Biosimilar product,Protein recombinant,Parenteral formulation unspecified,Subcutaneous formulation,Protein fusion,Liquid formulation,Monoclonal antibody human,Chimeric monoclonal antibody,Infusion,Intravenous formulation,PEGylated formulation,Systemic formulation unspecified

## COMPANY PROFILE

### SUMMARY

Coherus BioSciences was incorporated in Delaware in September 2010 under the name BioGenerics Inc and subsequently changed its name to Coherus BioSciences Inc in April 2012. It is a biopharmaceutical company specializing in biosimilars in the field of oncology and inflammation.

### COMPANY LOCATION

Coherus is based in San Francisco, CA.

### FINANCIAL

In March 2015, the company announced an underwritten public offering of \$100 million of common stock shares; underwriters were to be granted a 30-day option to purchase a further \$15 million of shares. Later that month, Coherus priced the underwritten public offering of 4,137,931 shares of its common stock at a price of \$29.00 per share. The underwriters were granted a 30-day option to purchase up to an additional 620,689 shares of common stock at the public offering price. The offering was expected to close on or about April 07, 2015.

In November 2014, the company priced its IPO of 6,296,300 shares of its common stock at \$13.50 per share, trading under ticker symbol 'CHRS', and granted the underwriters a 30-day option to purchase up to 944,445 additional common shares at the offering price. At that time, the offering was expected to close on November 12, 2014. In November 2014, the company closed the IPO of 6,803,702 of its common stock shares and included a purchase of 507,402 shares of the company's common stock by the underwriters with an option to purchase additional shares. At that time, the company expected the net proceeds to be approximately \$81.5 million.

In May 2014, the company raised \$55 million through a series C financing.

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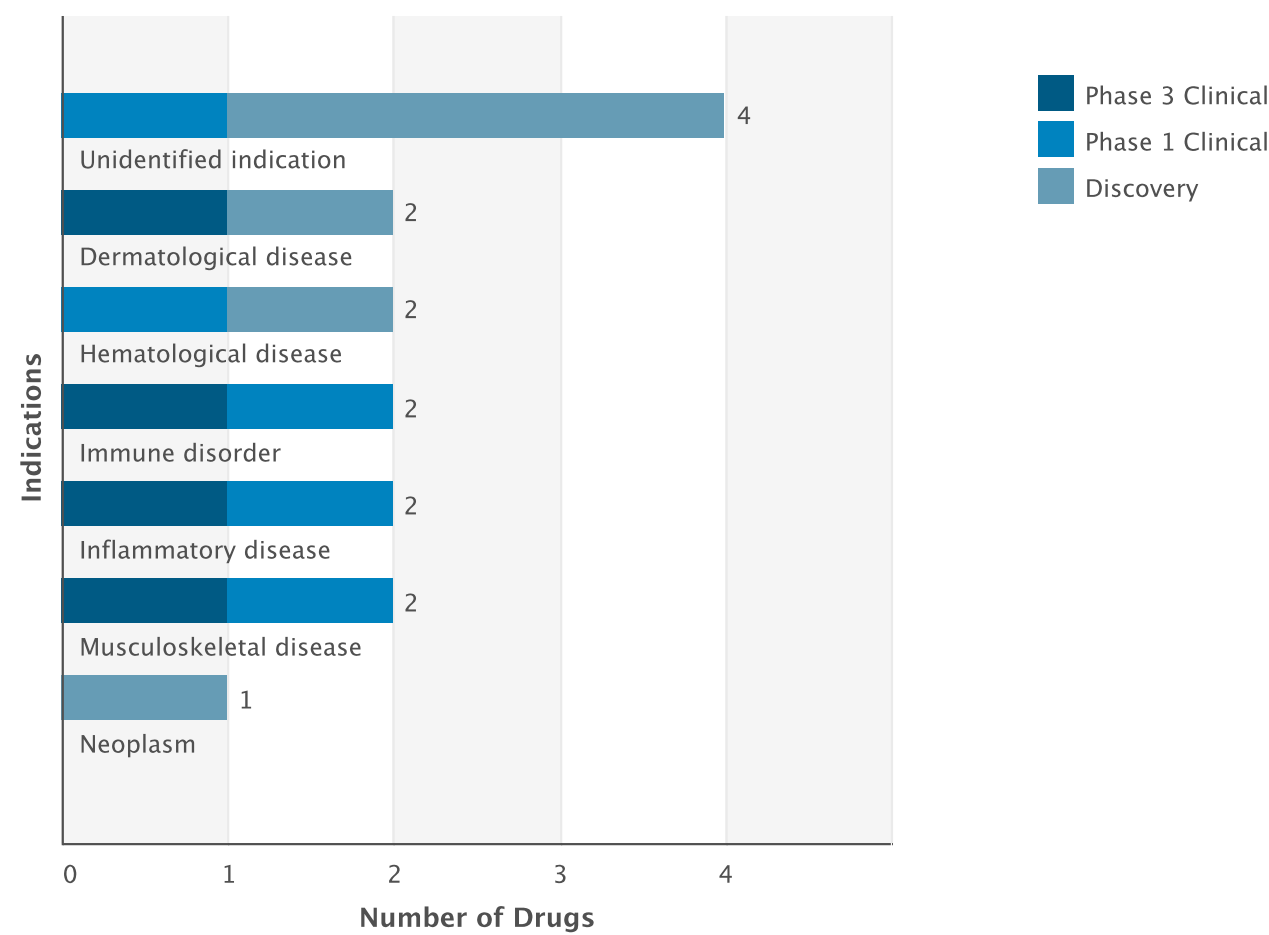


# PRODUCT PORTFOLIO SUMMARY

## DRUGS

### Drugs by Indication

Active Drugs by Indication Chart



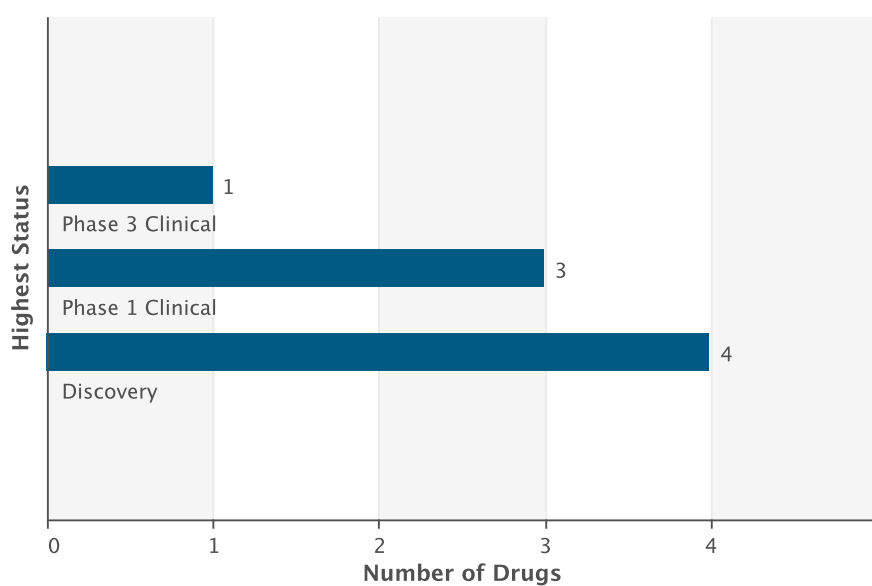
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## Drugs by Indication Table

Indication	Active	Inactive	Total
Unidentified indication	4	0	4
Immune disorder	2	0	2
Dermatological disease	2	0	2
Musculoskeletal disease	2	0	2
Hematological disease	2	0	2
Inflammatory disease	2	0	2
Neoplasm	1	0	1

## Drugs by Highest Status

### Active Drugs by Highest Status Chart



## Drugs by Highest Status Table

Development Status	Number of Drugs
Phase 3 Clinical	1
Phase 1 Clinical	3
Discovery	4

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## DEALS

Deal Type	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
Drug - Development/Commercialization License	2	0	0	0	2

## CLINICAL TRIALS

### Trials by Condition Studied

Condition Studied	Ongoing	All
Immune disorder	4	4
Dermatological disease	3	3
Musculoskeletal disease	2	2
Inflammatory disease	2	2

### Trials by Phase

Phase	Ongoing	All
Phase 3	4	4
Phase 1	2	3
Phase not specified	0	1

### 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
Immune disorder	4	0	4
Musculoskeletal disease	3	0	3
Neoplasm	1	0	1
Neurological disease	1	0	1
Nutritional disorder	2	0	2
Respiratory disease	3	0	3

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Infectious disease	2	0	2
Cardiovascular disease	1	0	1
Gastrointestinal disease	3	0	3
Genitourinary disease	2	0	2
Hematological disease	1	0	1
Degeneration	1	0	1
Dermatological disease	4	0	4
Inflammatory disease	4	0	4
Gynecology and obstetrics	1	0	1

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

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## PRODUCT PORTFOLIO DRUG PIPELINE DETAIL

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

### etanercept biosimilar, Coherus BioSciences/Daiichi Sankyo/Baxalta

#### etanercept biosimilar, Coherus BioSciences/Daiichi Sankyo/Baxalta SNAPSHOT

<b>Drug Name</b>	etanercept biosimilar, Coherus BioSciences/Daiichi Sankyo/Baxalta
<b>Key Synonyms</b>	etanercept
<b>Originator Company</b>	Coherus BioSciences Inc
<b>Active Companies</b>	Baxalta Inc;Coherus BioSciences Inc;Daiichi Sankyo Co Ltd
<b>Inactive Companies</b>	Baxter International Inc
<b>Highest Status</b>	Phase 3 Clinical
<b>Active Indications</b>	Inflammatory disease;Psoriasis;Rheumatoid arthritis
<b>Target-based Actions</b>	TNF alpha ligand inhibitor;TNF antagonist;Type II TNF receptor modulator
<b>Other Actions</b>	Anti-inflammatory;TNF binding agent
<b>Technologies</b>	Biological therapeutic;Biosimilar product;Liquid formulation;Protein fusion;Subcutaneous formulation
<b>Last Change Date</b>	09-Jul-2015

#### etanercept biosimilar, Coherus BioSciences/Daiichi Sankyo/Baxalta DEVELOPMENT PROFILE

##### SUMMARY

Coherus BioSciences, in collaboration with licensees Daiichi Sankyo and Baxalta, a spin-out of Baxter, is developing BAX-2200 (CHS-0214), a biosimilar of etanercept, a fusion protein comprising the extracellular domain of human p75 TNF receptor linked to the Fc portion of human IgG1, which acts as a TNF alpha inhibitor, for the potential treatment of inflammatory conditions including rheumatoid arthritis (RA) and psoriasis ,,. In June 2014, a phase III study for rheumatoid arthritis was initiated. In July 2014, a phase III study for psoriasis was initiated ; in August 2014, the trial was initiated in Japan. In October 2013, data were reported from a pivotal confirmatory clinical trial in healthy subjects. In July 2015, BAX-2200 was listed as being in phase III development for psoriasis and RA on Baxalta's pipeline.

#### etanercept biosimilar, Coherus BioSciences/Daiichi Sankyo/Baxalta DEVELOPMENT STATUS

##### CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date
Baxalta Inc	Psoriasis	Australia	Phase 3 Clinical	01-Jul-2015
Baxalta Inc	Psoriasis	Canada	Phase 3 Clinical	01-Jul-2015
Baxalta Inc	Psoriasis	Chile	Phase 3 Clinical	01-Jul-2015

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Company	Indication	Country	Development Status	Date
Baxalta Inc	Psoriasis	Europe	Phase 3 Clinical	01-Jul-2015
Baxalta Inc	Psoriasis	Germany	Phase 3 Clinical	01-Jul-2015
Baxalta Inc	Psoriasis	Israel	Phase 3 Clinical	01-Jul-2015
Baxalta Inc	Psoriasis	South Africa	Phase 3 Clinical	01-Jul-2015
Baxalta Inc	Psoriasis	US	Phase 3 Clinical	01-Jul-2015
Baxalta Inc	Rheumatoid arthritis	Argentina	Phase 3 Clinical	01-Jul-2015
Baxalta Inc	Rheumatoid arthritis	Europe	Phase 3 Clinical	01-Jul-2015
Baxalta Inc	Rheumatoid arthritis	Israel	Phase 3 Clinical	01-Jul-2015
Baxalta Inc	Rheumatoid arthritis	Japan	Phase 3 Clinical	01-Jul-2015
Baxalta Inc	Rheumatoid arthritis	US	Phase 3 Clinical	01-Jul-2015
Coherus BioSciences Inc	Psoriasis	Australia	Phase 3 Clinical	25-Sep-2014
Coherus BioSciences Inc	Psoriasis	Canada	Phase 3 Clinical	25-Sep-2014
Coherus BioSciences Inc	Psoriasis	Chile	Phase 3 Clinical	25-Sep-2014
Coherus BioSciences Inc	Psoriasis	Europe	Phase 3 Clinical	25-Sep-2014
Coherus BioSciences Inc	Psoriasis	Israel	Phase 3 Clinical	25-Sep-2014
Coherus BioSciences Inc	Psoriasis	South Africa	Phase 3 Clinical	25-Sep-2014
Coherus BioSciences Inc	Psoriasis	US	Phase 3 Clinical	16-Jul-2014
Coherus BioSciences Inc	Rheumatoid arthritis	Argentina	Phase 3 Clinical	25-Sep-2014
Coherus BioSciences Inc	Rheumatoid arthritis	Europe	Phase 3 Clinical	25-Sep-2014
Coherus BioSciences Inc	Rheumatoid arthritis	Israel	Phase 3 Clinical	25-Sep-2014
Coherus BioSciences Inc	Rheumatoid arthritis	Japan	Phase 3 Clinical	25-Sep-2014
Coherus BioSciences Inc	Rheumatoid arthritis	South Africa	Phase 3 Clinical	16-Apr-2015
Coherus BioSciences Inc	Rheumatoid arthritis	US	Phase 3 Clinical	23-Jun-2014
Daiichi Sankyo Co Ltd	Inflammatory disease	Japan	Phase 3 Clinical	18-Aug-2014
Daiichi Sankyo Co Ltd	Psoriasis	Australia	Phase 3 Clinical	25-Sep-2014
Daiichi Sankyo Co Ltd	Psoriasis	Canada	Phase 3 Clinical	25-Sep-2014
Daiichi Sankyo Co Ltd	Psoriasis	Chile	Phase 3 Clinical	25-Sep-2014

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Company	Indication	Country	Development Status	Date
Daiichi Sankyo Co Ltd	Psoriasis	Europe	Phase 3 Clinical	25-Sep-2014
Daiichi Sankyo Co Ltd	Psoriasis	Israel	Phase 3 Clinical	25-Sep-2014
Daiichi Sankyo Co Ltd	Psoriasis	South Africa	Phase 3 Clinical	25-Sep-2014
Daiichi Sankyo Co Ltd	Rheumatoid arthritis	Argentina	Phase 3 Clinical	25-Sep-2014
Daiichi Sankyo Co Ltd	Rheumatoid arthritis	Europe	Phase 3 Clinical	25-Sep-2014
Daiichi Sankyo Co Ltd	Rheumatoid arthritis	Israel	Phase 3 Clinical	25-Sep-2014
Daiichi Sankyo Co Ltd	Rheumatoid arthritis	Japan	Phase 3 Clinical	25-Sep-2014
Daiichi Sankyo Co Ltd	Rheumatoid arthritis	South Africa	Phase 3 Clinical	16-Apr-2015
Daiichi Sankyo Co Ltd	Rheumatoid arthritis	US	Phase 3 Clinical	23-Jun-2014
Baxalta Inc	Inflammatory disease	Europe	Clinical	01-Jul-2015
Coherus BioSciences Inc	Inflammatory disease	US	Clinical	28-Oct-2013
Baxalta Inc	Inflammatory disease	Brazil	Discovery	01-Jul-2015
Baxalta Inc	Inflammatory disease	Canada	Discovery	01-Jul-2015
Daiichi Sankyo Co Ltd	Inflammatory disease	South Korea	Discovery	07-May-2012
Daiichi Sankyo Co Ltd	Inflammatory disease	Taiwan	Discovery	07-May-2012

### etanercept biosimilar, Coherus BioSciences/Daiichi Sankyo/Baxalta DRUG NAMES

Names	Type
BAX-2200	Research Code
CHS-0214	Research Code
etanercept	INN, BANN, USAN
etanercept biosimilar, Coherus BioSciences/ Daiichi Sankyo/ Baxter	
etanercept biosimilar, Coherus BioSciences/Daiichi Sankyo/Baxalta	

### etanercept biosimilar, Coherus BioSciences/Daiichi Sankyo/Baxalta CLINICAL TRIALS

#### Trials by Phase and Condition Studied

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Phase 4 Clinical		Phase 3 Clinical		Phase 2 Clinical		Phase 1 Clinical		Phase Unspecified		Total	
On-going	All	On-going	All	On-going	All	On-going	All	On-going	All	On-going	All
Rheumatoid arthritis											
0	0	2	2	0	0	0	0	0	0	2	2
Psoriasis											
0	0	2	2	0	0	0	0	0	0	2	2

### Total Trials by Phase and Status

Phase 4 Clinical		Phase 3 Clinical		Phase 2 Clinical		Phase 1 Clinical		Phase Unspecified		Total	
On-going	All	On-going	All	On-going	All	On-going	All	On-going	All	On-going	All
Total by Phase and Status											
0	0	3	3	0	0	0	1	0	0	3	4

### 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)

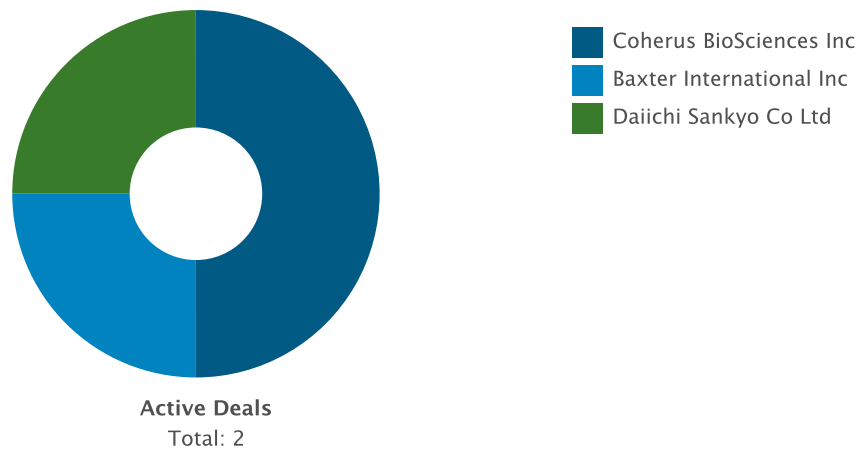
#### Phase 1 Clinical

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

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DEALS

Deals by Parent Company Chart

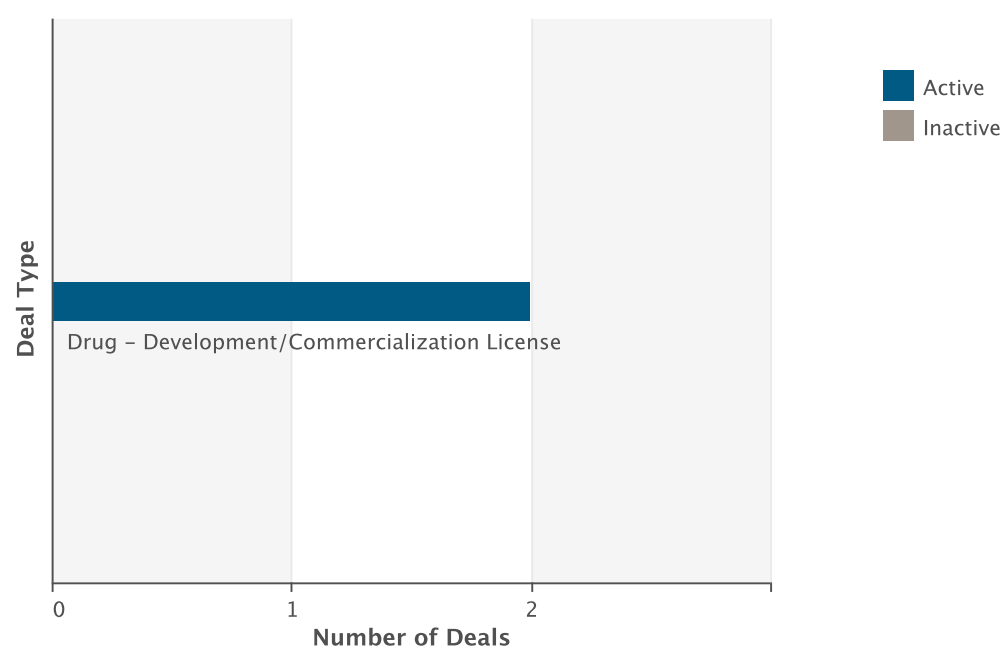


Deals by Parent Company Table

Company Name	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
Coherus BioSciences Inc	2	0	0	0	2
Daiichi Sankyo Co Ltd	0	0	1	0	1
Baxter International Inc	0	0	1	0	1

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Deals by Type Chart

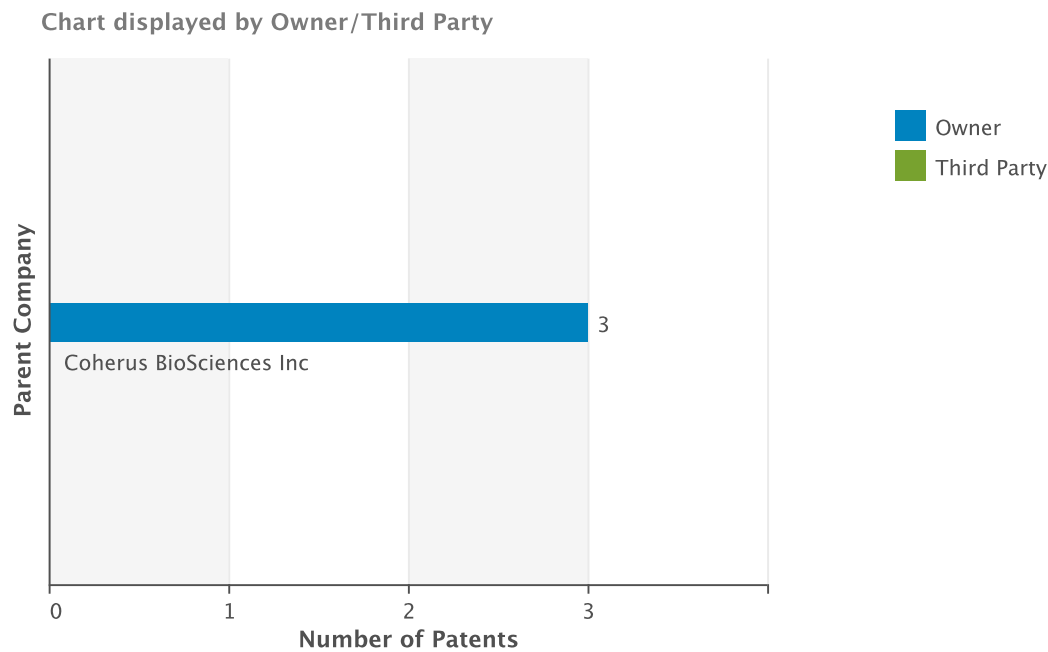


Deals by Type Table

Deal Type	Active	Inactive	Total
Drug - Development/Commercialization License	2	0	2

PATENTS

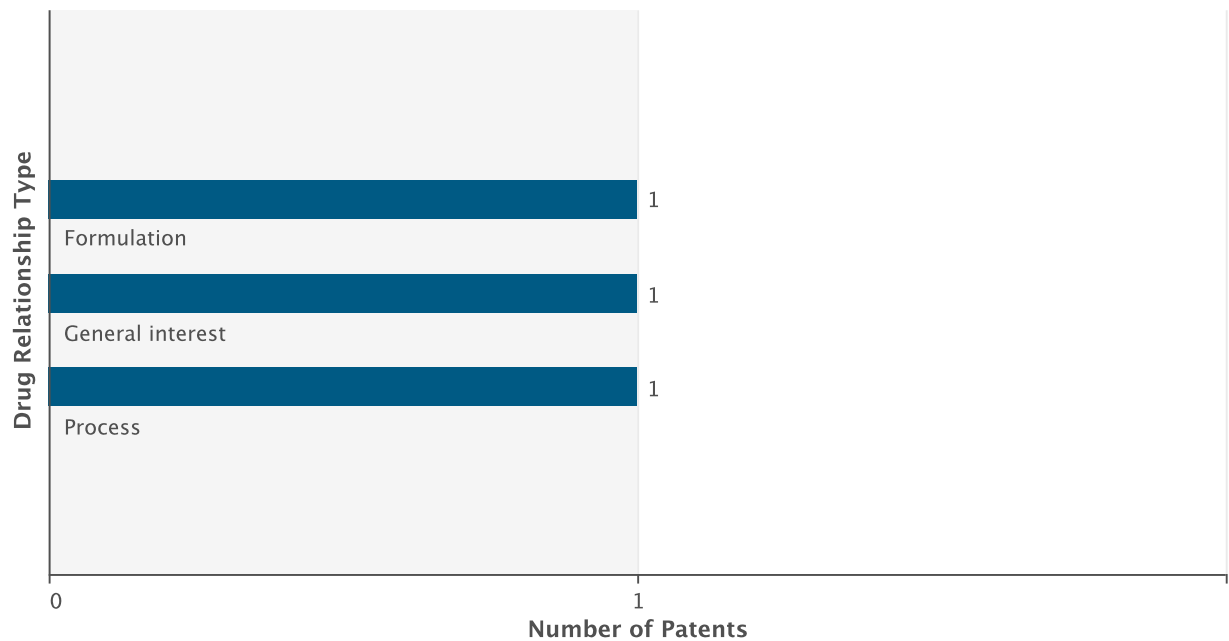
Patents by Parent Company Chart



Patents by Parent Company Table

Company Name	As Owner	As Third Party	Total
Coherus BioSciences Inc	3	0	3

Patents by Drug Relationship Type Chart



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Patents by Drug Relationship Type Table

Drug Relationship	Total
General interest	1
Formulation	1
Process	1

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## CHS-001

### CHS-001 SNAPSHOT

Drug Name	CHS-001
Key Synonyms	
Originator Company	Coherus BioSciences Inc
Active Companies	Coherus BioSciences Inc
Inactive Companies	
Highest Status	Phase 1 Clinical
Active Indications	Unidentified indication
Target-based Actions	
Other Actions	Unspecified drug target
Technologies	Biological therapeutic;Biosimilar product;Parenteral formulation unspecified;Protein recombinant
Last Change Date	24-Jul-2014

### CHS-001 DEVELOPMENT PROFILE

#### SUMMARY

Coherus is developing CHS-001, a biosimilar version of an undisclosed product, for the potential treatment of inflammatory disorders and/or cancer. By September 2013, a phase I trial had been initiated. In January 2014, the company planned to initiate a phase III study in the second quarter of 2014, and the study was expected to complete in the fourth quarter of 2015. At that time, the company planned to file a marketing application in the third quarter of 2015.

### CHS-001 DEVELOPMENT STATUS

#### CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date
Coherus BioSciences Inc	Unidentified indication	US	Phase 1 Clinical	30-Sep-2013

### CHS-001 DRUG NAMES

Names	Type
CHS-001	Research Code
undisclosed biosimilar, Coherus	
unspecified biological active substance	

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## adalimumab biosimilar, Coherus

### adalimumab biosimilar, Coherus SNAPSHOT

<b>Drug Name</b>	adalimumab biosimilar, Coherus
<b>Key Synonyms</b>	adalimumab
<b>Originator Company</b>	Coherus BioSciences Inc
<b>Active Companies</b>	Coherus BioSciences Inc
<b>Inactive Companies</b>	
<b>Highest Status</b>	Phase 1 Clinical
<b>Active Indications</b>	Psoriasis;Rheumatoid arthritis
<b>Target-based Actions</b>	TNF alpha ligand inhibitor
<b>Other Actions</b>	Anti-inflammatory;TNF binding agent
<b>Technologies</b>	Biological therapeutic;Biosimilar product;Monoclonal antibody human;Parenteral formulation unspecified;Protein recombinant;Systemic formulation unspecified
<b>Last Change Date</b>	25-Jul-2015

### adalimumab biosimilar, Coherus DEVELOPMENT PROFILE

#### SUMMARY

Coherus BioSciences is developing CHS-1420, a humanized biosimilar version of adalimumab (Humira), for the potential treatment of rheumatoid arthritis (RA). In April 2014, phase I trial was initiated. In August 2014, trial was completed. In September 2014, the company planned to initiate a phase III trial in the US, Europe and Japan, in psoriasis or rheumatoid arthritis ; in July 2015, a phase III trial was expected to begin in August 2015 . In August 2014, the company planned for seeking to outlicense the drug outside the US.

### adalimumab biosimilar, Coherus DEVELOPMENT STATUS

#### CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date
Coherus BioSciences Inc	Rheumatoid arthritis	US	Phase 1 Clinical	14-Aug-2014
Coherus BioSciences Inc	Psoriasis	US	Discovery	01-Jul-2015

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adalimumab biosimilar, Coherus DRUG NAMES

Names	Type
CHS-1420	Research Code
adalimumab	INN, USAN
adalimumab biosimilar, Coherus	

adalimumab biosimilar, Coherus CLINICAL TRIALS

Trials by Phase and Condition Studied

Phase 4 Clinical		Phase 3 Clinical		Phase 2 Clinical		Phase 1 Clinical		Phase Unspecified		Total	
On-going	All	On-going	All	On-going	All	On-going	All	On-going	All	On-going	All
Psoriasis											
0	0	1	1	0	0	0	0	0	0	1	1

Total Trials by Phase and Status

Phase 4 Clinical		Phase 3 Clinical		Phase 2 Clinical		Phase 1 Clinical		Phase Unspecified		Total	
On-going	All	On-going	All	On-going	All	On-going	All	On-going	All	On-going	All
Total by Phase and Status											
0	0	1	1	0	0	0	0	0	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

## pegfilgrastim biosimilar (febrile neutropenia), Coherus BioSciences

### pegfilgrastim biosimilar (febrile neutropenia), Coherus BioSciences SNAPSHOT

<b>Drug Name</b>	pegfilgrastim biosimilar (febrile neutropenia), Coherus BioSciences
<b>Key Synonyms</b>	pegfilgrastim
<b>Originator Company</b>	Coherus BioSciences Inc
<b>Active Companies</b>	Coherus BioSciences Inc
<b>Inactive Companies</b>	
<b>Highest Status</b>	Phase 1 Clinical
<b>Active Indications</b>	Febrile neutropenia
<b>Target-based Actions</b>	GCSF receptor agonist;GCSF ligand
<b>Other Actions</b>	Hematopoietic stimulant;Neutrophil stimulator
<b>Technologies</b>	Biological therapeutic;Biosimilar product;PEGylated formulation;Protein recombinant;Subcutaneous formulation
<b>Last Change Date</b>	18-Mar-2015

### pegfilgrastim biosimilar (febrile neutropenia), Coherus BioSciences DEVELOPMENT PROFILE

#### SUMMARY

Coherus BioSciences is developing CHS-1701, a biosimilar version of the PEGylated granulocyte colony stimulating factor ligand pegfilgrastim, for the potential sc treatment of febrile neutropenia in breast cancer patients. In November 2012, phase I trial was initiated. In March 2013, the trial was completed. In September 2014, additional trials were being planned. At that time, the company planned to initiate a phase III trial in the first half of 2015 . In December 2014, Coherus was planning to amend the IND application in the first quarter of 2015. In September 2014, the company planned for seeking to outlicense the drug outside the US.

### pegfilgrastim biosimilar (febrile neutropenia), Coherus BioSciences DEVELOPMENT STATUS

#### CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date
Coherus BioSciences Inc	Febrile neutropenia	US	Phase 1 Clinical	30-Nov-2012

### pegfilgrastim biosimilar (febrile neutropenia), Coherus BioSciences DRUG NAMES

Names	Type
CHS-1701	Research Code
pegfilgrastim	INN, BANN, USAN
pegfilgrastim biosimilar (febrile neutropenia), Coherus BioSciences	

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pegfilgrastim biosimilar (febrile neutropenia), Coherus BioSciences CLINICAL TRIALS

Total Trials by Phase and Status

Phase 4 Clinical		Phase 3 Clinical		Phase 2 Clinical		Phase 1 Clinical		Phase Unspecified		Total	
On-going	All	On-going	All	On-going	All	On-going	All	On-going	All	On-going	All
Total by Phase and Status											
0	0	0	0	0	0	2	2	0	0	2	2

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## rituximab biosimilar, Coherus BioSciences/Daiichi Sankyo

### rituximab biosimilar, Coherus BioSciences/Daiichi Sankyo SNAPSHOT

<b>Drug Name</b>	rituximab biosimilar, Coherus BioSciences/Daiichi Sankyo
<b>Key Synonyms</b>	rituximab
<b>Originator Company</b>	Coherus BioSciences Inc
<b>Active Companies</b>	Coherus BioSciences Inc;Daiichi Sankyo Co Ltd
<b>Inactive Companies</b>	
<b>Highest Status</b>	Discovery
<b>Active Indications</b>	Hematological neoplasm
<b>Target-based Actions</b>	B-lymphocyte antigen CD20 inhibitor
<b>Other Actions</b>	Anticancer monoclonal antibody
<b>Technologies</b>	Biological therapeutic;Biosimilar product;Chimeric monoclonal antibody;Infusion;Intravenous formulation;Protein recombinant
<b>Last Change Date</b>	21-Jan-2014

### rituximab biosimilar, Coherus BioSciences/Daiichi Sankyo DEVELOPMENT PROFILE

#### SUMMARY

Coherus BioSciences, in collaboration with Asia licensee Daiichi Sankyo, is investigating a biosimilar of rituximab, an anti-CD20 mAb, presumably for the potential iv treatment of hematological malignancies. In March 2013, approval/launch for lymphoma in Japan was expected in 2017.

### rituximab biosimilar, Coherus BioSciences/Daiichi Sankyo DEVELOPMENT STATUS

#### CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date
Coherus BioSciences Inc	Hematological neoplasm	US	Discovery	31-Jan-2010
Daiichi Sankyo Co Ltd	Hematological neoplasm	Japan	Discovery	31-Jan-2010
Daiichi Sankyo Co Ltd	Hematological neoplasm	South Korea	Discovery	31-Jan-2010
Daiichi Sankyo Co Ltd	Hematological neoplasm	Taiwan	Discovery	31-Jan-2010

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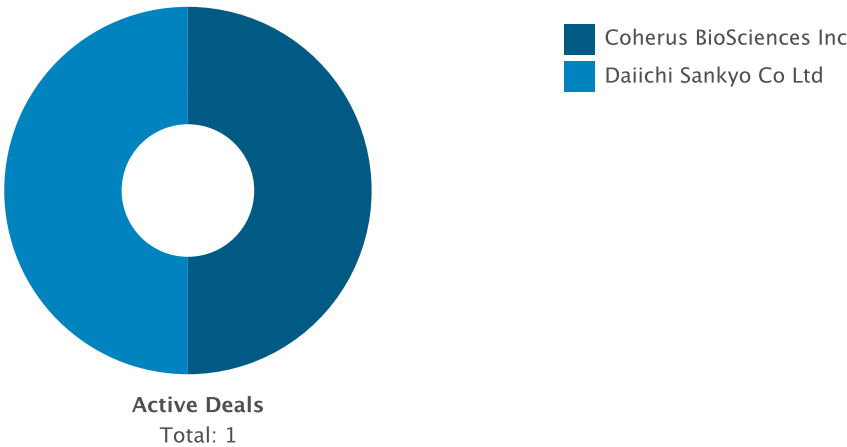
rituximab biosimilar, Coherus BioSciences/Daiichi Sankyo DRUG NAMES

Names	Type
rituximab	INN, BANN, USAN
rituximab biosimilar, Coherus BioSciences/Daiichi Sankyo	

rituximab biosimilar, Coherus BioSciences/Daiichi Sankyo DEALS AND PATENTS

DEALS

Deals by Parent Company Chart



Deals by Parent Company Table

Company Name	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
Coherus BioSciences Inc	1	0	0	0	1
Daiichi Sankyo Co Ltd	0	0	1	0	1

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Deals by Type Chart



Deals by Type Table

Deal Type	Active	Inactive	Total
Drug - Development/Commercialization License	1	0	1

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## CHS-002

### CHS-002 SNAPSHOT

Drug Name	CHS-002
Key Synonyms	
Originator Company	Coherus BioSciences Inc
Active Companies	Coherus BioSciences Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Unidentified indication
Target-based Actions	
Other Actions	Unspecified drug target
Technologies	Biological therapeutic;Biosimilar product;Parenteral formulation unspecified;Protein recombinant
Last Change Date	24-Jul-2014

### CHS-002 DEVELOPMENT PROFILE

#### SUMMARY

Coherus is investigating CHS-002, an undisclosed biosimilar, for the potential treatment of inflammatory disorders and/or cancer. In January 2014, the company planned to initiate a phase I trial in the first quarter of 2014 and complete it in the second quarter of 2014; a phase III study was expected to start in the second quarter of 2015 and complete in the first quarter of 2016. At that time, the company planned to file a marketing application in the second quarter of 2016.

### CHS-002 DEVELOPMENT STATUS

#### CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date
Coherus BioSciences Inc	Unidentified indication	US	Discovery	21-Jan-2014

### CHS-002 DRUG NAMES

Names	Type
CHS-002	Research Code
undisclosed biosimilar, Coherus	
unspecified biological active substance	

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## CHS-003

### CHS-003 SNAPSHOT

Drug Name	CHS-003
Key Synonyms	
Originator Company	Coherus BioSciences Inc
Active Companies	Coherus BioSciences Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Unidentified indication
Target-based Actions	
Other Actions	Unspecified drug target
Technologies	Biological therapeutic;Biosimilar product;Parenteral formulation unspecified;Protein recombinant
Last Change Date	24-Jul-2014

### CHS-003 DEVELOPMENT PROFILE

#### SUMMARY

Coherus is investigating CHS-003, an undisclosed biosimilar, for the potential treatment of inflammatory disorders and/or cancer. In January 2014, the company planned to initiate a phase I study in the first quarter of 2014 and complete it in the second quarter of 2014; a phase III study was expected to initiate in the fourth quarter of 2014 and complete in the third quarter of 2015. At that time, the company also planned to file a marketing application in the second quarter of 2016.

### CHS-003 DEVELOPMENT STATUS

#### CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date
Coherus BioSciences Inc	Unidentified indication	US	Discovery	21-Jan-2014

### CHS-003 DRUG NAMES

Names	Type
CHS-003	Research Code
undisclosed biosimilar, Coherus	
unspecified biological active substance	

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## CHS-004

### CHS-004 SNAPSHOT

Drug Name	CHS-004
Key Synonyms	
Originator Company	Coherus BioSciences Inc
Active Companies	Coherus BioSciences Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Unidentified indication
Target-based Actions	
Other Actions	Unspecified drug target
Technologies	Biological therapeutic;Biosimilar product;Parenteral formulation unspecified;Protein recombinant
Last Change Date	24-Jul-2014

### CHS-004 DEVELOPMENT PROFILE

#### SUMMARY

Coherus is investigating CHS-004, an undisclosed biosimilar, for the potential treatment of inflammatory disorders and/or cancer. In January 2014, the company planned to initiate a phase I study in the second quarter of 2015, and complete it in the third quarter of 2015; a phase III study was expected to start in the fourth quarter of 2015 and complete in the first quarter of 2017. At that time, the company also planned to file a marketing application in the first quarter of 2017.

### CHS-004 DEVELOPMENT STATUS

#### CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date
Coherus BioSciences Inc	Unidentified indication	US	Discovery	21-Jan-2014

### CHS-004 DRUG NAMES

Names	Type
CHS-004	Research Code
undisclosed biosimilar, Coherus	
unspecified biological active substance	

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