

Dermira Inc

CORTELLIS COMPANY DETAILED PIPELINE REPORT

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

Publication Date: 14-Dec-2014

THOMSON REUTERS

3 Times Square
New York, New York 10036
United States

Tel: +1 646 223 4000

thomsonreuters.com

[Return to Table of Contents](#)

ABOUT CORTELLIS COMPANY DETAILED PIPELINE REPORT

Thomson Reuters provides the knowledge, tools, and expertise to help support drug discovery and development activities, IP portfolio optimization, identification of licensing and partnering opportunities, delivery of successful regulatory submissions, and the ability to keep current with the rapidly-changing pharmaceutical and chemical markets, supporting informed, early decisions.

This report was created by Thomson Reuters, using information from *Thomson Reuters Cortellis™ for Competitive Intelligence*; a comprehensive, proven intelligence solution that leverages the most accurate, complete, and widely respected drug pipeline information. From drug discovery and development activities to patent reports, the latest deals, and partnering opportunities, *Cortellis* can provide the confidence to make the most informed business decisions, faster. *Cortellis for Competitive Intelligence* provides accurate and validated information on pharmaceutical and biotechnology companies globally, their drug pipelines, deals, patents, and clinical trials, plus breaking industry news and conference coverage. All contained in one simple, highly intuitive research platform.

Cortellis Company Detailed Pipeline reports are the second in a series of that track pharmaceutical and biotechnology companies worldwide. All *Cortellis for Competitive Intelligence* content is subject to the most comprehensive editorial review process available, conducted by scientists, pharma professionals, regulatory experts, and generics specialists. Featuring timely drug pipeline information expertly uncovered and integrated from over 400 global meetings each year, you'll always be on top of the latest developments.

Chosen by leading life sciences companies, their executives and investors, *Cortellis for Competitive Intelligence* accelerates your deal-making and gives you timely insights on the development landscape.

Discover undiscovered opportunities in drug development and licensing faster with *Thomson Reuters Cortellis™ for Competitive Intelligence*

DISCLAIMER

The information contained in this report is based on sources believed to be correct but Thomson Reuters does not guarantee the accuracy, timeliness, or completeness of this information. Opinions, if any, are those held by the author of any individual report or article at the time of initial publication and do not necessarily reflect the views of Thomson Reuters.

Information in this report on companies is intended for reference use only, and does not constitute a recommendation to buy or sell any particular security or other investment and does not constitute an offer to buy from or sell to any particular investor. Any company or securities mentioned in this report may not be suitable for any particular investor, depending on that investor's financial position and needs.

[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 Drug Pipeline Detail..... 9

 Launched..... 10

 Phase 2 Clinical..... 25

[Return to Table of Contents](#)

Dermira Inc

COMPANY OVERVIEW

| | |
|---------------------------------------|--|
| Company Name | Dermira Inc |
| Parent Company Name | Dermira Inc |
| Website | http://www.dermira.com/ |
| Country | US |
| Number of Drugs in Active Development | 5 |
| Number of Inactive Drugs | 2 |
| Number of Patents as Owner | 3 |
| Number of Patents as Third Party | 1 |
| Number of Deals | 1 |
| Key Indications | Acne,Psoriasis,Hyperhidrosis,Sebaceous gland disease,Acne vulgaris,Atopic dermatitis,Rosacea,Angina,Brain infarction,Cardiac failure,Coronary artery disease,End stage renal disease,Hearing disorder,Heart disease,Hypertension,Myocardial disease,Neurodegenerative disease,Parkinsons disease,Peripheral vascular disease,Pigment |
| Key Target-based Actions | Acetylcholine receptor antagonist,5-Lipoxygenase activating protein inhibitor,5-Lipoxygenase inhibitor,Muscarinic receptor antagonist |
| Key Technologies | Dermatological formulation,Small molecule therapeutic,Crystalline form,Formulation preservation |

COMPANY PROFILE

SUMMARY

Dermira was established in late 2010 and is focused on the development and commercialization of innovative therapeutics for dermatological disorders.

ACQUISITIONS & SPIN-OFFS

In October 2011, the company acquired Valocor Therapeutics.

FINANCIAL

In October 2014, the company was to sell 468,750 shares of its common stock, at a price of \$16 each, through a private placement to UCB SA. In October 2014, the company raised approximately \$120.3 million that included proceeds from the IPO and the private placement.

In October 2014, the company priced its initial public offering of 7,812,500 shares of common stock at a price of \$16 each and granted the underwriters a 30-day option to purchase up to an additional 1,171,875 shares. At that time, the shares began trading on the NASDAQ Global Market under the symbol "DERM". Later that month, the offering was completed. At that time, the company raised approximately \$120.3 million that included proceeds from the IPO and the private placement.

In August 2014, the company raised \$51 million in a series C financing.

In June 2013, Dermira raised \$35 million in a series B financing and related transaction.

In October 2011, the company secured \$42 million in a series A financing round.

[Return to Table of Contents](#)

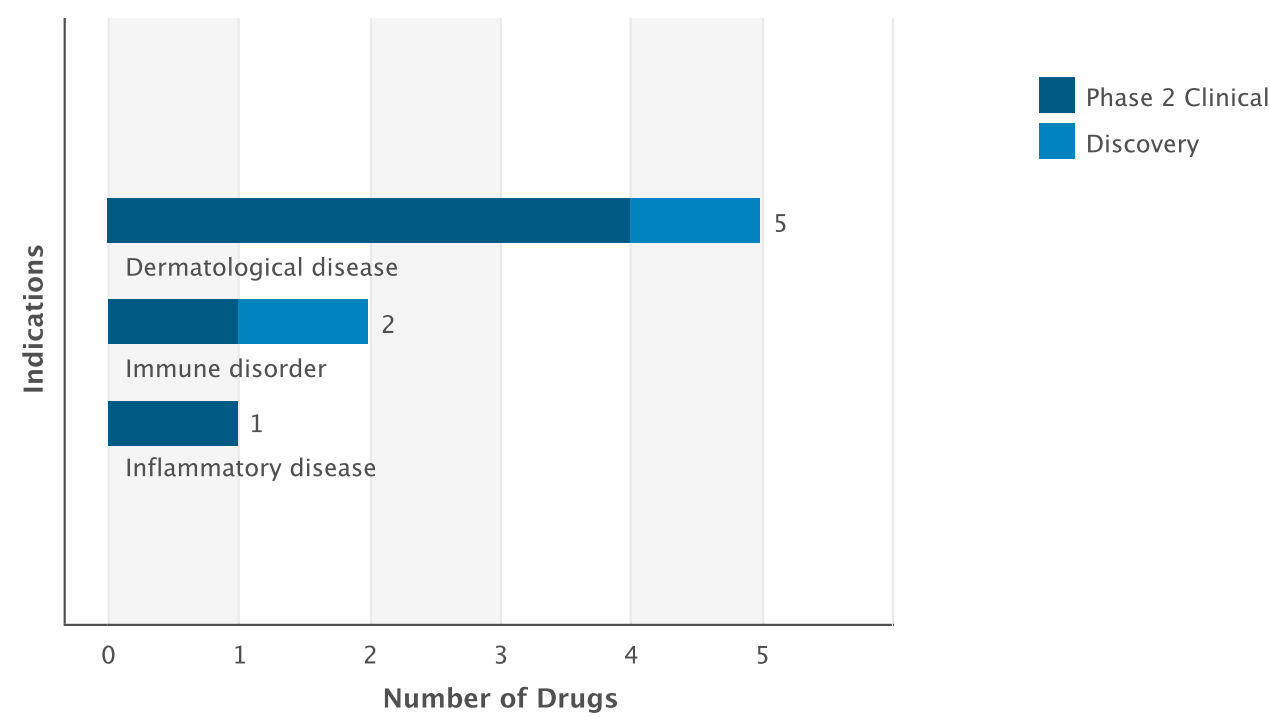


PRODUCT PORTFOLIO SUMMARY

DRUGS

Drugs by Indication

Active Drugs by Indication Chart



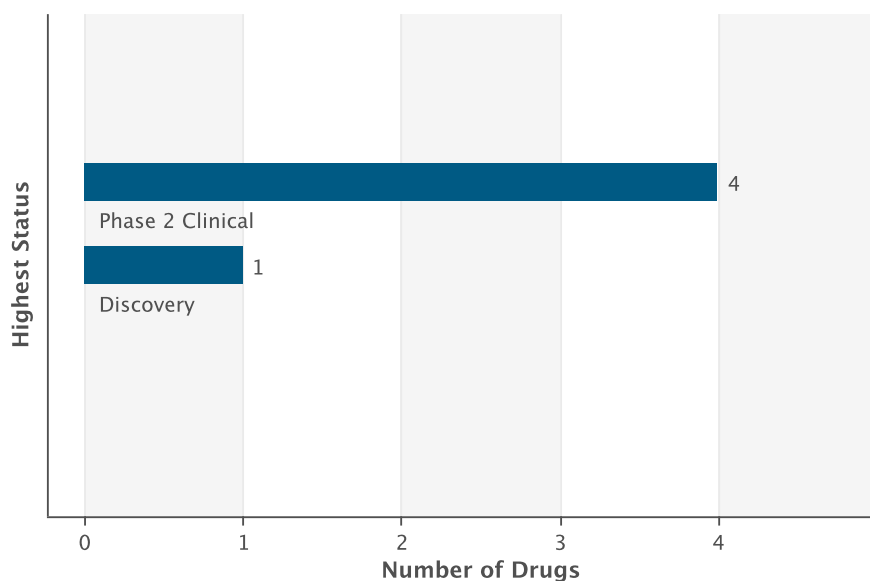
Drugs by Indication Table

| Indication | Active | Inactive | Total |
|------------------------|--------|----------|-------|
| Dermatological disease | 5 | 2 | 7 |
| Immune disorder | 2 | 1 | 3 |
| Inflammatory disease | 1 | 0 | 1 |

[Return to Table of Contents](#)

Drugs by Highest Status

Active Drugs by Highest Status Chart



Drugs by Highest Status Table

| Development Status | Number of Drugs |
|-------------------------|-----------------|
| Phase 2 Clinical | 4 |
| Discovery | 1 |
| No Development Reported | 2 |

DEALS

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

CLINICAL TRIALS

Trials by Condition Studied

| Condition Studied | Ongoing | All |
|------------------------|---------|-----|
| Dermatological disease | 1 | 7 |
| Immune disorder | 0 | 2 |
| Inflammatory disease | 0 | 1 |

[Return to Table of Contents](#)

Trials by Phase

| Phase | Ongoing | All |
|---------|---------|-----|
| Phase 2 | 1 | 7 |
| Phase 1 | 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 |
|--------------------------------|----------|----------------|-------|
| Cardiovascular disease | 0 | 1 | 1 |
| Genitourinary disease | 0 | 1 | 1 |
| Immune disorder | 1 | 0 | 1 |
| Metabolic disorder | 1 | 0 | 1 |
| Neurological disease | 1 | 1 | 2 |
| Otorhinolaryngological disease | 1 | 0 | 1 |
| Dermatological disease | 3 | 0 | 3 |

* 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 DRUG PIPELINE DETAIL

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

certolizumab pegol

certolizumab pegol SNAPSHOT

| | |
|-----------------------------|---|
| Drug Name | certolizumab pegol |
| Key Synonyms | Cimzia;certolizumab pegol |
| Originator Company | UCB Celltech |
| Active Companies | AstraZeneca plc;Dermira Inc;Orient Europharma;Astellas Pharma Inc;NewBridge Pharmaceuticals Ltd;UCB SA;Laboratorios Farmaceuticos Rovi |
| Inactive Companies | UCB Celltech;Otsuka Pharmaceutical Co Ltd;Pfizer Inc;Pharmacia Corp |
| Highest Status | Launched |
| Active Indications | Rheumatoid arthritis;Ulcerative colitis;Psoriatic arthritis;Psoriasis;Juvenile rheumatoid arthritis;Ankylosing spondylitis;Spondylarthritis;Crohns disease |
| Target-based Actions | TNF alpha ligand inhibitor;TNF antagonist |
| Other Actions | Systemic antipsoriatic product;Anti-inflammatory;TNF binding agent |
| Technologies | Monoclonal antibody humanized;Antibody fragment;Protein conjugated;PEGylated formulation;Subcutaneous formulation;Solution;Freeze drying;Biological therapeutic;Protein recombinant |
| Last Change Date | 13-Dec-2014 |

certolizumab pegol DEVELOPMENT PROFILE

SUMMARY

UCB SA (formerly Celltech) and Japanese licensee Astellas has developed and launched certolizumab pegol (Cimzia; CDP-870), a recombinant PEGylated anti-TNF-alpha humanized monoclonal antibody fragment for sc administration. The product is indicated in the US for reducing the signs and symptoms of Crohn's disease (CD) and maintaining clinical response in adults with moderately to severely active disease who have had an adequate response to conventional therapy. Certolizumab pegol is also indicated in the US for the treatment of adults with moderately to severely active rheumatoid arthritis (RA), active psoriatic arthritis and ankylosing spondylitis (AS); in the EU for the treatment of adult patients with severe active axial spondyloarthritis (SpA) and adults with severe active AS, including adults without radiographic evidence of AS, who have had an inadequate response to, or are intolerant to nonsteroidal anti-inflammatory drugs (NSAIDs); and in the EU in combination with methotrexate (MTX) for the treatment of moderate to severe active RA in adults inadequately responsive to disease-modifying antirheumatic drugs (DMARDs), including MTX and in combination with MTX, for the treatment of active psoriatic arthritis in adults when the response to previous DMARD therapy has been inadequate. The product is indicated in Japan for adults with RA who have had an inadequate response to conventional treatment (including inhibition of progression of bone structural damage).

In January 2008, certolizumab pegol was first launched for CD in Switzerland. Certolizumab pegol was launched for CD in the US in April 2008. By March 2010, UCB had concluded that certolizumab pegol would not be approvable in Europe for CD. In May 2009, a prefilled syringe formulation was launched in the US for the treatment of CD.

[Return to Table of Contents](#)



US launch for RA took place during May 2009; the product was launched for this indication as a prefilled syringe formulation, developed by the company's partnership with OXO . In October 2009, the drug was approved for RA in the EU, and it was launched in Germany and the UK the same month. In February 2012, a phase III trial began in patients with early active moderate-to-severe DMARD-naïve RA. In March 2013, certolizumab pegol was launched in Japan for RA ; by September 2013, certolizumab was in phase III in Japan for RA patients not previously treated with conventional therapy, including MTX. In June 2014, the drug was filed for Japanese approval for treatment-naïve or DMARD-naïve RA that is predicted to have a rapid structural disease progression,.

In September 2014, certolizumab pegol was launched in the US for the treatment of adults with active psoriatic arthritis. In October 2013, the drug was launched in EU for severe active psoriatic arthritis.

In October 2013, certolizumab pegol was launched in the US for the treatment of adults with active AS. In the same month, the drug was launched in the EU for axial SpA. In February 2013, UCB filed for US approval of the drug for axial SpA. In July 2013, the FDA's Arthritis Advisory Committee recommended approval; the committee concluded that data demonstrated benefit in patients with axial SpA, including AS, and that the safety profile was sufficient to support approval. In October 2013, the FDA issued a Complete Response Letter regarding the sBLA for axial SpA; UCB would work with the FDA to determine the next steps forward for approval of this indication.

Development in other indications is also ongoing. In October 2010, a phase II trial began in ulcerative colitis (UC). In March 2012, phase III development for juvenile RA began; in July 2014, initial results from phase III development in juvenile idiopathic arthritis were expected in 1H16. By March 2006, a phase II psoriasis trial was underway ; although, by January 2010, UCB had discontinued development in psoriasis in July 2014, Dermira licensed the rights to develop the drug for psoriasis in the US, Canada and the EU.

Previous licensee Pharmacia (now Pfizer) had also been investigating certolizumab pegol for its potential for the treatment of congestive heart failure; however, no development has been reported for this indication since March 2001, and all rights were returned to Celltech in December 2003. Former Japanese licensee Otsuka Pharmaceutical was previously developing the product, and in June 2009, the company was preparing a filing in Japan for CD ; however, in January 2012, Otsuka and UCB terminated their collaboration.

In September 2008, the FDA requested manufacturers of TNF-alpha blockers strengthen warnings advising of the risk of opportunistic fungal infections, as cases of histoplasmosis infection were not being consistently recognized in patients taking these medications. In August 2009, the FDA also requested that labeling for anti-TNF drugs be updated to highlight the increased risk of cancer in pediatric patients; the Agency added that the prescribing information should include reports of psoriasis associated with the drug class.

certolizumab pegol DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

| Company | Indication | Country | Development Status | Date |
|------------------------------------|------------------------|---------|--------------------|-------------|
| Astellas Pharma Inc | Rheumatoid arthritis | Japan | Launched | 08-Mar-2013 |
| AstraZeneca plc | Crohns disease | Brazil | Launched | 28-Sep-2009 |
| AstraZeneca plc | Rheumatoid arthritis | Brazil | Launched | 28-Sep-2009 |
| Laboratorios Farmaceuticos Rovi SA | Rheumatoid arthritis | Spain | Launched | 31-Dec-2009 |
| UCB SA | Ankylosing spondylitis | Canada | Launched | 31-Dec-2013 |

[Return to Table of Contents](#)



| Company | Indication | Country | Development Status | Date |
|---------|------------------------|--------------------|--------------------|-------------|
| UCB SA | Ankylosing spondylitis | US | Launched | 31-Oct-2013 |
| UCB SA | Crohns disease | Switzerland | Launched | 31-Jan-2008 |
| UCB SA | Crohns disease | US | Launched | 24-Apr-2008 |
| UCB SA | Psoriatic arthritis | EU | Launched | 31-Oct-2013 |
| UCB SA | Psoriatic arthritis | US | Launched | 30-Sep-2013 |
| UCB SA | Rheumatoid arthritis | Australia | Launched | 12-Jan-2011 |
| UCB SA | Rheumatoid arthritis | Canada | Launched | 01-Sep-2009 |
| UCB SA | Rheumatoid arthritis | Czech Republic | Launched | |
| UCB SA | Rheumatoid arthritis | Denmark | Launched | 16-Nov-2009 |
| UCB SA | Rheumatoid arthritis | EU | Launched | 02-Mar-2010 |
| UCB SA | Rheumatoid arthritis | France | Launched | 04-Jan-2010 |
| UCB SA | Rheumatoid arthritis | Germany | Launched | 26-Oct-2009 |
| UCB SA | Rheumatoid arthritis | Greece | Launched | |
| UCB SA | Rheumatoid arthritis | Japan | Launched | 08-Mar-2013 |
| UCB SA | Rheumatoid arthritis | Netherlands | Launched | |
| UCB SA | Rheumatoid arthritis | Norway | Launched | 29-Apr-2010 |
| UCB SA | Rheumatoid arthritis | Portugal | Launched | 23-Aug-2012 |
| UCB SA | Rheumatoid arthritis | Russian Federation | Launched | 27-Oct-2011 |
| UCB SA | Rheumatoid arthritis | Slovakia | Launched | |
| UCB SA | Rheumatoid arthritis | Sweden | Launched | 30-Mar-2010 |
| UCB SA | Rheumatoid arthritis | Switzerland | Launched | 12-Jan-2011 |
| UCB SA | Rheumatoid arthritis | UK | Launched | 26-Oct-2009 |
| UCB SA | Rheumatoid arthritis | US | Launched | 14-May-2009 |
| UCB SA | Spondylarthritis | EU | Launched | 31-Oct-2013 |
| UCB SA | Ankylosing spondylitis | Australia | Registered | 01-May-2014 |
| UCB SA | Psoriatic arthritis | Australia | Registered | 01-May-2014 |
| UCB SA | Rheumatoid arthritis | Estonia | Registered | 01-Oct-2009 |

[Return to Table of Contents](#)

| Company | Indication | Country | Development Status | Date |
|-------------------------------|-------------------------------|-----------------|--------------------|-------------|
| UCB SA | Rheumatoid arthritis | Lithuania | Registered | 01-Oct-2009 |
| UCB SA | Spondylarthritis | US | Pre-registration | 20-Feb-2013 |
| UCB SA | Juvenile rheumatoid arthritis | Belgium | Phase 3 Clinical | 31-Mar-2012 |
| UCB SA | Psoriatic arthritis | Argentina | Phase 3 Clinical | 15-Mar-2010 |
| UCB SA | Psoriatic arthritis | Canada | Phase 3 Clinical | 15-Mar-2010 |
| UCB SA | Psoriatic arthritis | Mexico | Phase 3 Clinical | 15-Mar-2010 |
| UCB SA | Spondylarthritis | Canada | Phase 3 Clinical | 15-Mar-2010 |
| UCB SA | Spondylarthritis | South America | Phase 3 Clinical | 15-Mar-2010 |
| UCB SA | Crohns disease | Japan | Phase 2 Clinical | 31-Mar-2006 |
| UCB SA | Ulcerative colitis | US | Phase 2 Clinical | 31-Oct-2010 |
| Dermira Inc | Psoriasis | Canada | Discovery | 03-Jul-2014 |
| Dermira Inc | Psoriasis | EU | Discovery | 03-Jul-2014 |
| Dermira Inc | Psoriasis | US | Discovery | 03-Jul-2014 |
| NewBridge Pharmaceuticals Ltd | Crohns disease | Africa | Discovery | 22-Nov-2012 |
| NewBridge Pharmaceuticals Ltd | Crohns disease | Middle East | Discovery | 22-Nov-2012 |
| NewBridge Pharmaceuticals Ltd | Rheumatoid arthritis | Africa | Discovery | 22-Nov-2012 |
| NewBridge Pharmaceuticals Ltd | Rheumatoid arthritis | Middle East | Discovery | 22-Nov-2012 |
| Orient Europharma | Rheumatoid arthritis | South East Asia | Discovery | 14-Oct-2010 |
| UCB SA | Rheumatoid arthritis | China | Discovery | 31-Dec-2010 |
| Otsuka Pharmaceutical Co Ltd | Crohns disease | Japan | Discontinued | 13-Jan-2012 |
| Otsuka Pharmaceutical Co Ltd | Rheumatoid arthritis | Japan | Discontinued | 13-Jan-2012 |
| Otsuka Pharmaceutical Co Ltd | Rheumatoid arthritis | South Korea | Discontinued | 13-Jan-2012 |
| Pfizer Inc | Crohns disease | US | Discontinued | 01-Dec-2003 |
| Pfizer Inc | Rheumatoid arthritis | US | Discontinued | 01-Dec-2003 |
| UCB Celltech | Rheumatoid arthritis | UK | Discontinued | 18-May-2004 |
| UCB SA | Crohns disease | EU | Discontinued | 21-Mar-2010 |

[Return to Table of Contents](#)



| Company | Indication | Country | Development Status | Date |
|--------------|-----------------|---------|-------------------------|-------------|
| UCB SA | Psoriasis | US | Discontinued | 18-Jan-2010 |
| UCB Celltech | Cardiac failure | UK | No Development Reported | 18-Mar-2003 |

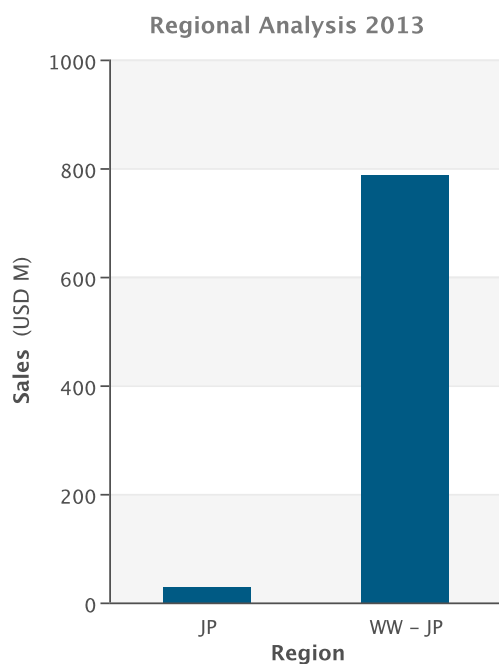
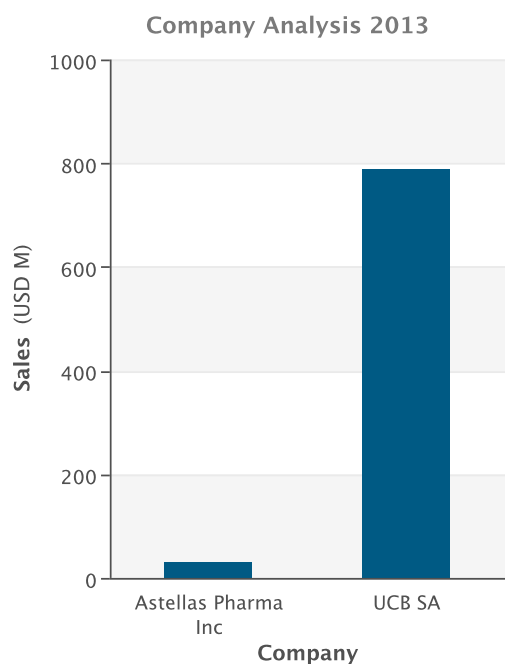
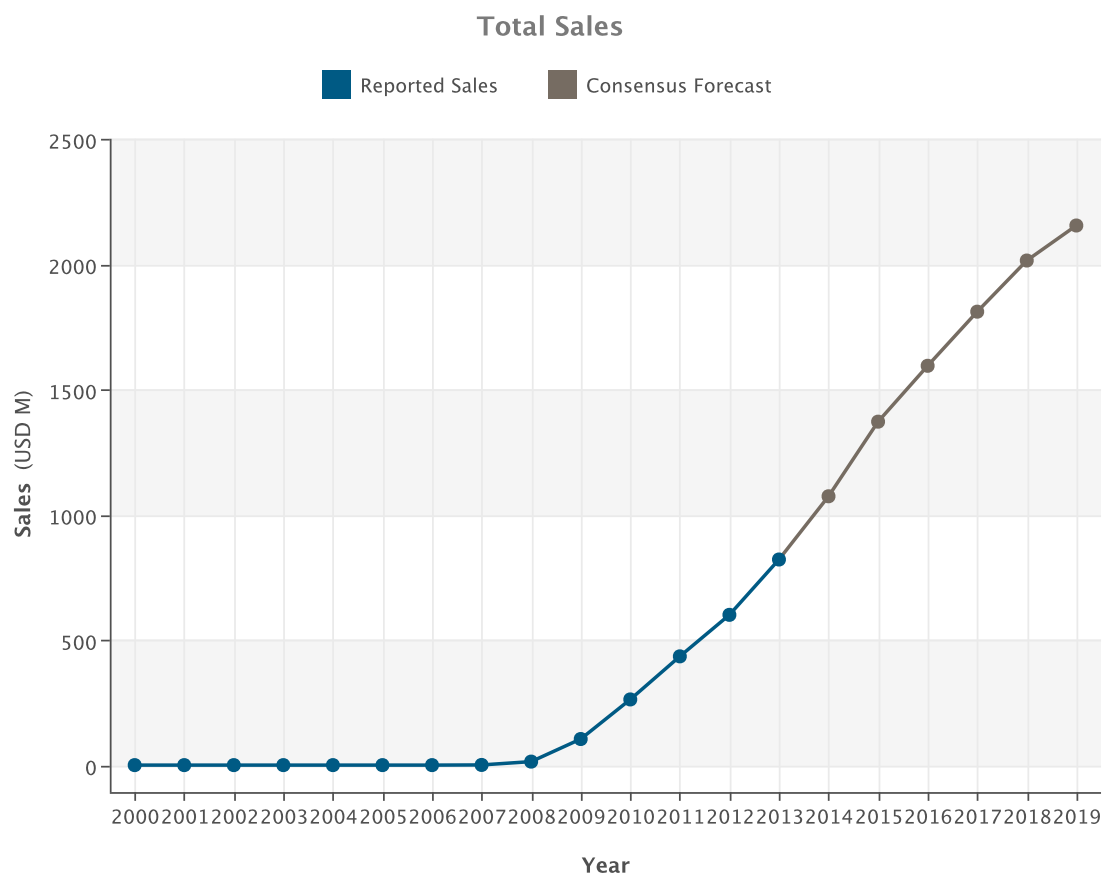
certolizumab pegol DRUG NAMES

| Names | Type |
|--------------------|---------------|
| CDP-870 | Research Code |
| Cimzia | Trade Name |
| certolizumab pegol | INN |

certolizumab pegol SALES AND FORECASTS

CHARTS

[Return to Table of Contents](#)



[Return to Table of Contents](#)

COMMENTARY

CONSENSUS SALES INFORMATION

Consensus forecast data for UCB SA and Astellas Pharma are presented. No Consensus forecast data are currently available for AstraZeneca, Laboratorios Farmaceuticos Rovi (ROVI), NewBridge or Dermira, which hold rights in selected regions or for selected indications.

REPORTED ANNUAL SALES

Sales for certolizumab pegol (Cimzia) reported by UCB for 2013 were EUR 594.0 million (\$788.8 million), representing a year-on-year increase of 27% on 2012 [1531024]. Sales for certolizumab pegol (Cimzia) reported by Astellas for 2013 were JPY 3.2 billion (\$33.0 million) [1556559].

REGIONAL DEVELOPMENT AND MARKETING RIGHTS

In March 2001, Celltech and Pharmacia (now Pfizer) signed a worldwide agreement for the codevelopment and copromotion of certolizumab pegol in Japan, the US and major EU markets. Under the agreement, Celltech was to lead the development and fund the majority of development costs for CD, while Pharmacia managed and funded the majority of development for RA and other indications; Celltech had intended development in both CD and RA [469064]. In November 2003, following delays imposed by Pfizer on development in RA, Celltech intended to file certolizumab pegol for CD only initially. At that time, Pfizer planned to postpone further phase III trials in RA pending the results of ongoing studies and wanted to renegotiate the financial terms of its collaboration with Celltech [513129], [400886], [401949], [401925]. In December 2003, Pfizer gave Celltech 90 days notice of termination of its rights to certolizumab pegol. Following termination, all rights and program information reverted to Celltech [515522].

In May 2004, Celltech granted UCB exclusive worldwide development and marketing rights to certolizumab pegol for a number of indications including RA, while retaining all manufacturing rights and all rights for CD [539295]; UCB subsequently acquired Celltech [548223].

In June 2008, Otsuka acquired copromotion rights from UCB in Japan for CD, and copromotion and codevelopment rights for other indications [915126]. In January 2012, Otsuka and UCB terminated their collaboration [1254712]. Later that month, UCB and Astellas entered into an agreement to jointly develop and commercialize certolizumab pegol for RA in Japan; under the agreement, Astellas books all sales [1259355].

In September 2009, UCB entered into an agreement with AstraZeneca to register and commercialize certolizumab pegol in Brazil [1045369].

In December 2009, ROVI and UCB signed an agreement to commercialize certolizumab pegol in Spain; UCB would complete the local approval procedure, maintain marketing authorization and upon approval, copromote the drug [1064475].

In November 2012, UCB and NewBridge Pharmaceuticals entered an exclusive partnership to make certolizumab available in the Middle East and African regions. UCB was to supply the drug, while NewBridge would be responsible for managing local regulatory approval processes, future commercialization, and pharmacovigilance in each of the relevant countries [1342892].

In July 2014, Dermira licensed the exclusive rights to develop and commercialize the drug for psoriasis in the US, Canada and the EU [1574685].

certolizumab pegol CLINICAL TRIALS

Trials by Phase and Condition Studied

[Return to Table of Contents](#)



| 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 | | | | | | | | | | | |
| 6 | 10 | 6 | 27 | 1 | 4 | 0 | 1 | 7 | 16 | 20 | 58 |
| Crohns disease | | | | | | | | | | | |
| 1 | 4 | 1 | 16 | 1 | 8 | 0 | 1 | 3 | 7 | 6 | 36 |
| Psoriasis | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 3 |
| Ankylosing spondylitis | | | | | | | | | | | |
| 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| Juvenile rheumatoid arthritis | | | | | | | | | | | |
| 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| Ulcerative colitis | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 2 |
| Metastatic non small cell lung cancer | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 |
| Encephalitis | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| Inflammatory bowel disease | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| Psoriatic arthritis | | | | | | | | | | | |
| 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Spontaneous abortion | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Vascular disease | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Interstitial lung disease | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |

[Return to Table of Contents](#)

| | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|
| Cardiac failure | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Synovitis | | | | | | | | | | | |
| 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Edema | | | | | | | | | | | |
| 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | | | | | | | | | | | |
| 7 | 14 | 10 | 47 | 2 | 15 | 3 | 6 | 10 | 27 | 32 | 109 |

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)

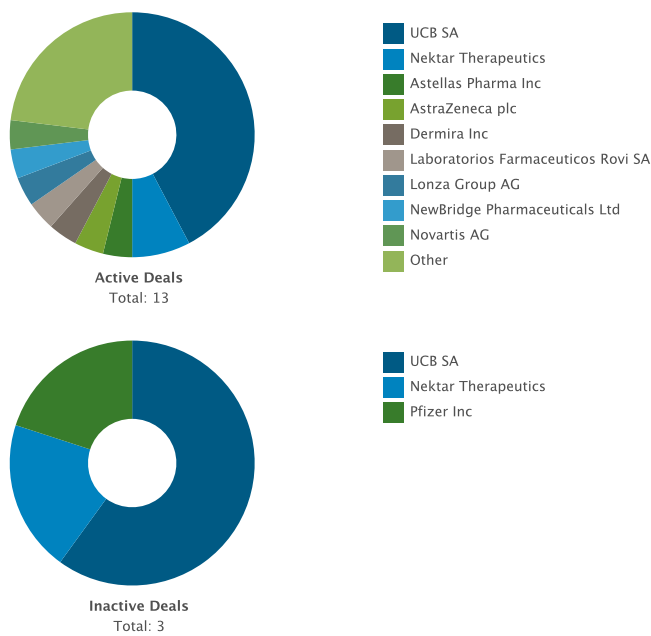
Phase 1 Clinical

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

[Return to Table of Contents](#)

DEALS

Deals by Parent Company Chart



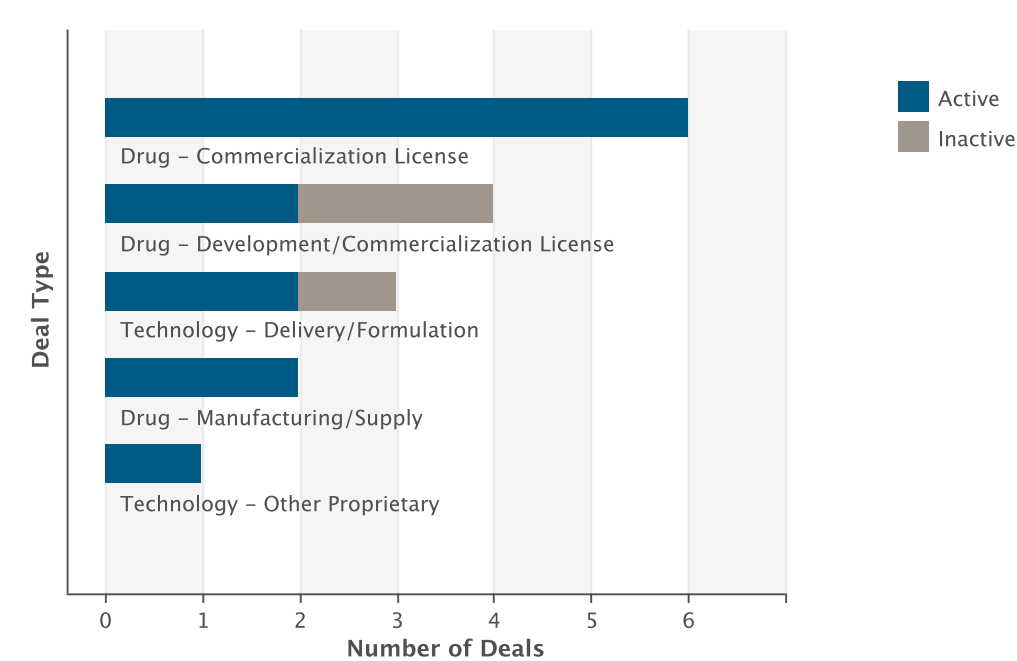
[Return to Table of Contents](#)

Deals by Parent Company Table

| Company Name | Principal | | Partner | | Total |
|------------------------------------|-----------|----------|---------|----------|-------|
| | Active | Inactive | Active | Inactive | |
| UCB SA | 7 | 2 | 4 | 2 | 14 |
| Nektar Therapeutics | 2 | 1 | 0 | 0 | 3 |
| Pfizer Inc | 0 | 0 | 1 | 1 | 2 |
| Dermira Inc | 0 | 0 | 1 | 0 | 1 |
| Orient Europharma | 0 | 0 | 1 | 0 | 1 |
| Astellas Pharma Inc | 0 | 0 | 1 | 0 | 1 |
| XOMA Corp | 1 | 0 | 0 | 0 | 1 |
| Novartis AG | 1 | 0 | 0 | 0 | 1 |
| NewBridge Pharmaceuticals Ltd | 0 | 0 | 1 | 0 | 1 |
| Lonza Group AG | 1 | 0 | 0 | 0 | 1 |
| Laboratorios Farmaceuticos Rovi SA | 0 | 0 | 1 | 0 | 1 |
| Royalty Pharma AG | 0 | 0 | 1 | 0 | 1 |
| Otsuka Holdings Co Ltd | 0 | 0 | 1 | 0 | 1 |
| OXO | 1 | 0 | 0 | 0 | 1 |
| AstraZeneca plc | 0 | 0 | 1 | 0 | 1 |

[Return to Table of Contents](#)

Deals by Type Chart



Deals by Type Table

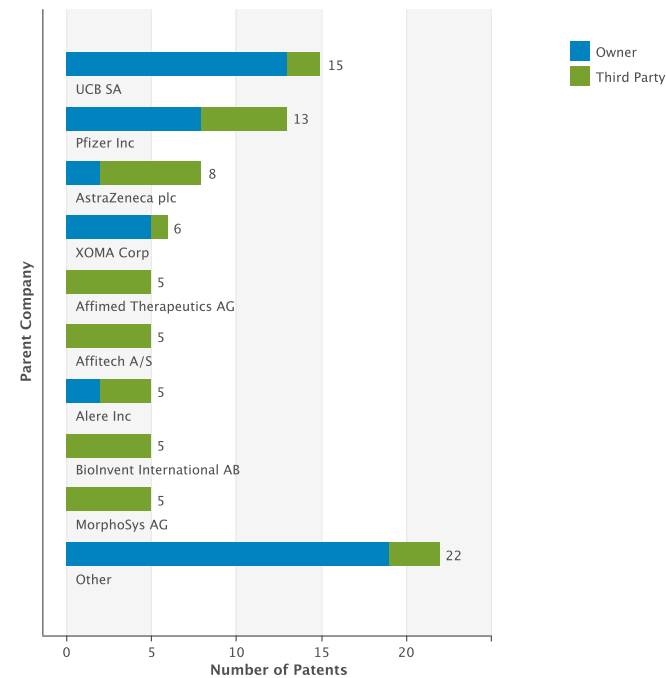
| Deal Type | Active | Inactive | Total |
|--|--------|----------|-------|
| Drug - Commercialization License | 6 | 0 | 6 |
| Drug - Development/Commercialization License | 2 | 2 | 4 |
| Technology - Delivery/Formulation | 2 | 1 | 3 |
| Drug - Manufacturing/Supply | 2 | 0 | 2 |
| Technology - Other Proprietary | 1 | 0 | 1 |

[Return to Table of Contents](#)

PATENTS

Patents by Parent Company Chart

Chart displayed by Owner/Third Party



[Return to Table of Contents](#)

Patents by Parent Company Table

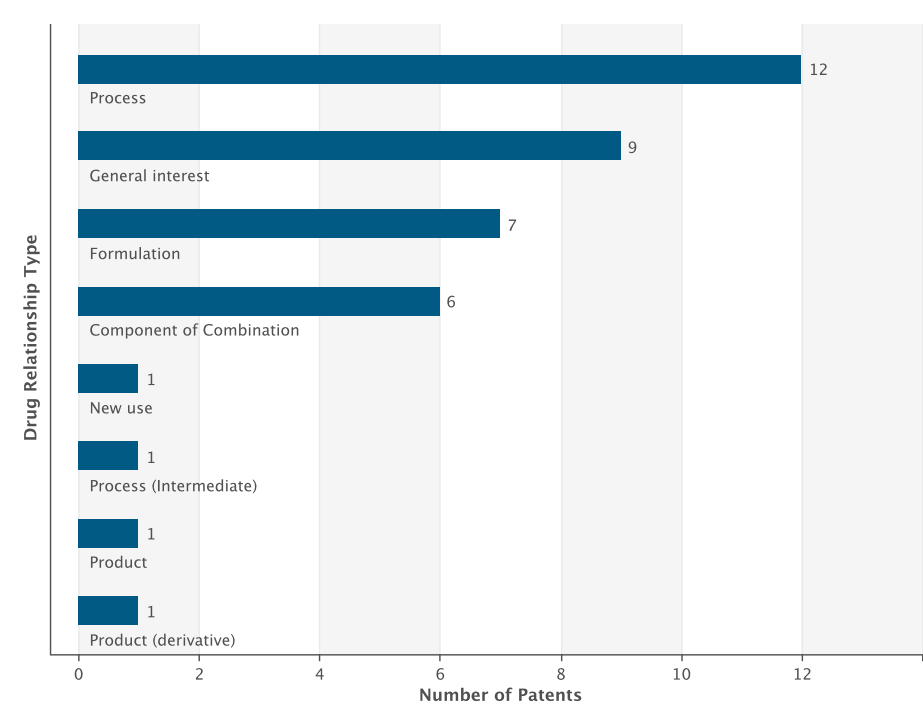
| Company Name | As Owner | As Third Party | Total |
|-----------------------------------|----------|----------------|-------|
| UCB SA | 13 | 2 | 15 |
| Pfizer Inc | 8 | 5 | 13 |
| AstraZeneca plc | 2 | 6 | 8 |
| XOMA Corp | 5 | 1 | 6 |
| Nestle SA | 5 | 0 | 5 |
| MorphoSys AG | 0 | 5 | 5 |
| BioInvent International AB | 0 | 5 | 5 |
| Affitech A/S | 0 | 5 | 5 |
| Affimed Therapeutics AG | 0 | 5 | 5 |
| Alere Inc | 2 | 3 | 5 |
| Verenium Corp | 0 | 5 | 5 |
| Dyax Corp | 0 | 4 | 4 |
| Takeda Pharmaceutical Co Ltd | 3 | 1 | 4 |
| Novartis AG | 1 | 2 | 3 |
| Roche Holding AG | 2 | 2 | 3 |
| Alexion Pharmaceuticals Inc | 1 | 2 | 2 |
| Eli Lilly & Co | 0 | 2 | 2 |
| Boehringer Ingelheim Corp | 1 | 1 | 2 |
| Medical Research Council (MRC) | 0 | 2 | 2 |
| Biogen Idec Inc | 1 | 1 | 2 |
| Merck & Co Inc | 0 | 2 | 2 |
| Bristol-Myers Squibb Co | 0 | 2 | 2 |
| Oregon Health Sciences University | 1 | 0 | 1 |
| Imperial College London | 1 | 0 | 1 |
| Seattle Genetics Inc | 1 | 0 | 1 |
| GlaxoSmithKline plc | 0 | 1 | 1 |

[Return to Table of Contents](#)

| | | | |
|-------------------------------------|---|---|---|
| The University Health Network | 1 | 0 | 1 |
| Institute for Neurological Research | 0 | 1 | 1 |
| BioTransplant Inc | 0 | 1 | 1 |
| Bayer AG | 0 | 1 | 1 |
| Sanofi | 0 | 1 | 1 |
| Astellas Pharma Inc | 1 | 0 | 1 |
| TACT IP LLC | 1 | 0 | 1 |
| FUJIFILM Holdings Corp | 0 | 1 | 1 |
| Otsuka Holdings Co Ltd | 1 | 0 | 1 |
| Life Technologies Corp | 0 | 1 | 1 |
| OXO | 0 | 1 | 1 |
| Universite de Nantes | 0 | 1 | 1 |
| Royalty Pharma AG | 1 | 0 | 1 |
| Mochida Pharmaceutical Co Ltd | 1 | 0 | 1 |
| Merck KGaA | 0 | 1 | 1 |
| University of Oxford | 1 | 0 | 1 |
| Laboratorios Farmaceuticos Rovi SA | 1 | 0 | 1 |
| E I DuPont de Nemours & Co | 0 | 1 | 1 |
| Unilever | 0 | 1 | 1 |
| INSERM | 1 | 0 | 1 |
| Biotest AG | 0 | 1 | 1 |
| PDL BioPharma Inc | 1 | 1 | 1 |
| Johnson & Johnson | 0 | 1 | 1 |
| Johnson Matthey plc | 1 | 0 | 1 |
| Dompe Group | 0 | 1 | 1 |

[Return to Table of Contents](#)

Patents by Drug Relationship Type Chart



Patents by Drug Relationship Type Table

| Drug Relationship | Total |
|--------------------------|-------|
| Process | 12 |
| General interest | 9 |
| Formulation | 7 |
| Component of Combination | 6 |
| Process (Intermediate) | 1 |
| Product | 1 |
| New use | 1 |
| Product (derivative) | 1 |

[Return to Table of Contents](#)

DRM-02

DRM-02 SNAPSHOT

| | |
|----------------------|---|
| Drug Name | DRM-02 |
| Key Synonyms | |
| Originator Company | Valocor Therapeutics Ltd |
| Active Companies | Dermira Inc |
| Inactive Companies | Valocor Therapeutics Ltd |
| Highest Status | Phase 2 Clinical |
| Active Indications | Rosacea;Atopic dermatitis;Psoriasis |
| Target-based Actions | PDE 4 inhibitor;Integrin-linked kinase inhibitor |
| Other Actions | Dermatological agent |
| Technologies | Dermatological formulation;Small molecule therapeutic |
| Last Change Date | 03-Jul-2014 |

DRM-02 DEVELOPMENT PROFILE

SUMMARY

Dermira, following its acquisition of Valocor, is developing DRM-02 (formerly VAL-002, QLT-418, QLT-0418), a Th-2 type small-molecule kinase and PDE4 inhibitor and a lead from series of integrin-linked kinase (ILK) inhibitors, for the potential topical treatment of chronic inflammatory skin diseases including atopic dermatitis, rosacea and plaque psoriasis, . In October 2013, three phase II trials were initiated to assess the effectiveness of DRM-02 in the treatment of atopic dermatitis, rosacea and plaque psoriasis, respectively, ; in February 2014, enrollment was completed in all the three phase IIa trials. At that time, data were expected in the second quarter of 2014.

This program was previously described as VAL-003. However, the company used the research code VAL-003 to describe a drug for vitiligo.

DRM-02 DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

| Company | Indication | Country | Development Status | Date |
|-------------|-------------------|---------|--------------------|-------------|
| Dermira Inc | Atopic dermatitis | Canada | Phase 2 Clinical | 31-Oct-2013 |
| Dermira Inc | Psoriasis | Canada | Phase 2 Clinical | 31-Oct-2013 |
| Dermira Inc | Rosacea | Canada | Phase 2 Clinical | 31-Oct-2013 |

[Return to Table of Contents](#)



DRM-02 DRUG NAMES

| Names | Type |
|---|---------------|
| QLT-0418 | Research Code |
| ILK inhibitors (skin disorders), Dermira | |
| DRM-02 | Research Code |
| VAL-002 | Research Code |
| integrin-linked kinase inhibitors (skin disorders), Valocor | |
| ILK inhibitors (skin disorders), Valocor | |
| QLT-418 | Research Code |
| integrin-linked kinase inhibitors (skin disorders), Dermira | |

DRM-02 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 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| Rosacea | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| Atopic dermatitis | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 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 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 3 |

Phase Definitions

[Return to Table of Contents](#)

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

[Return to Table of Contents](#)



lemuteporfin

lemuteporfin SNAPSHOT

| | |
|----------------------|---|
| Drug Name | lemuteporfin |
| Key Synonyms | lemuteporfin |
| Originator Company | QLT Inc |
| Active Companies | Dermira Inc |
| Inactive Companies | Valocor Therapeutics Ltd;QLT Inc |
| Highest Status | Phase 2 Clinical |
| Active Indications | Acne |
| Target-based Actions | |
| Other Actions | Immunomodulator;Photosensitizer;Systemic antipsoriatic product;Anticancer |
| Technologies | Dermatological formulation;Intravenous formulation;Small molecule therapeutic |
| Last Change Date | 21-Jun-2013 |

lemuteporfin DEVELOPMENT PROFILE

SUMMARY

Dermira, following its acquisition of Valocor Therapeutics (which had been spun-out from QLT), is developing lemuteporfin (QLT-0074, DRM-05), a benzoporphyrin-derived chlorin-like photosensitizer, as a potential topical photodynamic therapy for acne,. In December 2011, a phase I/II trial began.

Previously, QLT had been developing the compound and by January 2008, proof-of-concept clinical studies for moderate to severe acne had begun. However, in July 2008, the company announced it had re-evaluated the continuation of development of the drug based on interim results of a phase I/II study of an iv formulation, and was halting development of the drug for the treatment of acne. QLT was previously developing lemuteporfin for the potential treatment of androgenic alopecia, benign prostate hyperplasia (BPH), various immune disorders and cancer . However, no development has been reported for the immune disorders since mid-2000 and for cancer since 2005 ; development for androgenic alopecia was halted during 2004. By September 2005, a phase IIb trial in BPH was underway ; however in February 2006, the trial had failed to meet its primary efficacy objective at 3 months. At that time, the company said that the data did not support phase III trials, and it planned to complete data analysis of the trial in order to determine the best path forward ; no further development was reported for this indication.

lemuteporfin DEVELOPMENT STATUS

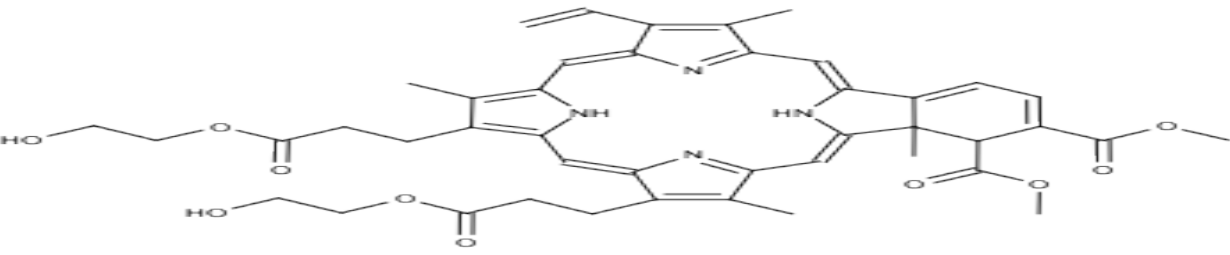
CURRENT DEVELOPMENT STATUS

| Company | Indication | Country | Development Status | Date |
|-------------|------------|---------|--------------------|-------------|
| Dermira Inc | Acne | Canada | Phase 2 Clinical | 12-Dec-2011 |
| QLT Inc | Acne | Canada | Discontinued | 26-Jul-2008 |

[Return to Table of Contents](#)

| Company | Indication | Country | Development Status | Date |
|---------|----------------------|-----------|-------------------------|-------------|
| QLT Inc | Alopecia | Canada | Discontinued | 31-Dec-2004 |
| QLT Inc | Cancer | Canada | No Development Reported | 17-Jan-2008 |
| QLT Inc | Prostate hyperplasia | Argentina | No Development Reported | 17-Jan-2008 |
| QLT Inc | Prostate hyperplasia | Canada | No Development Reported | 17-Jan-2008 |
| QLT Inc | Prostate hyperplasia | US | No Development Reported | 17-Jan-2008 |
| QLT Inc | Psoriasis | Canada | No Development Reported | 01-Jan-2002 |
| QLT Inc | Psoriatic arthritis | Canada | No Development Reported | 01-Jan-2002 |
| QLT Inc | Rheumatoid arthritis | Canada | No Development Reported | 01-Jan-2002 |

lemuteporfin CHEMICAL STRUCTURES

| | |
|---|-------------------|
| CAS Registry Number: | Confidence Level: |
| 215808-49-4 | 1 |
|  | |
| Name | Type |
| lemuteporfin | INN; USAN |
| QLT-0074 | Research Code |
| A-EA 6 | Research Code |

[Return to Table of Contents](#)

lemuteporfin DRUG NAMES

| Names | Type |
|--|---------------|
| DRM-05 | Research Code |
| lemuteporfin | USAN, INN |
| QLT-0074 | Research Code |
| immunomodulator, QLT/Valocor | |
| QLT-00748 | Research Code |
| A-EA 6 | Research Code |
| third generation photosensitizers, QLT/Valocor | |

lemuteporfin 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 |
| Prostate hyperplasia | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 3 |
| Alopecia | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| Acne | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 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 | 0 | 0 | 0 | 3 | 0 | 3 | 0 | 0 | 0 | 6 |

Phase Definitions

Phase 3 Clinical

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

[Return to Table of Contents](#)

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)

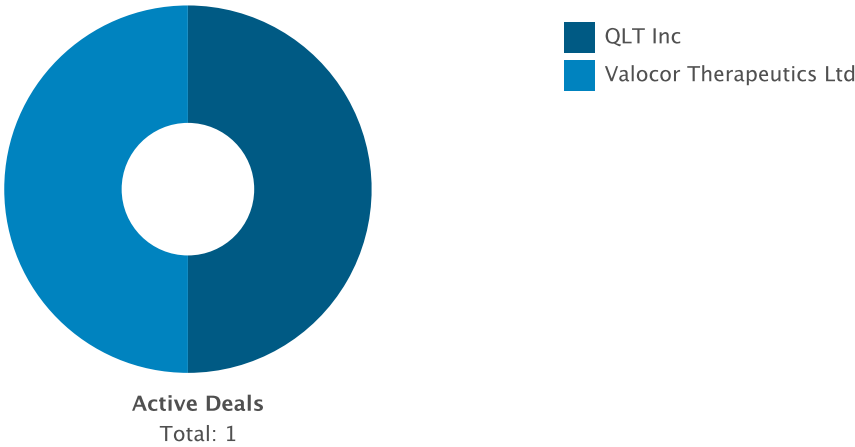
Phase 1 Clinical

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

lemuteporfin DEALS AND PATENTS

DEALS

Deals by Parent Company Chart

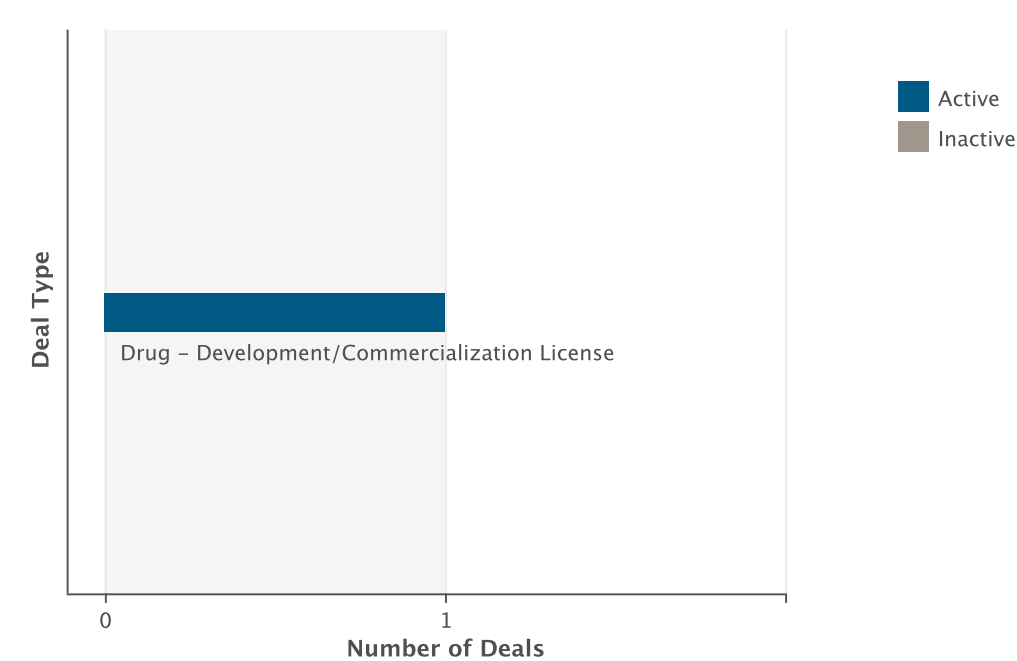


Deals by Parent Company Table

| Company Name | Principal | | Partner | | Total |
|--------------------------|-----------|----------|---------|----------|-------|
| | Active | Inactive | Active | Inactive | |
| Valocor Therapeutics Ltd | 0 | 0 | 1 | 0 | 1 |
| QLT Inc | 1 | 0 | 0 | 0 | 1 |

[Return to Table of Contents](#)

Deals by Type Chart



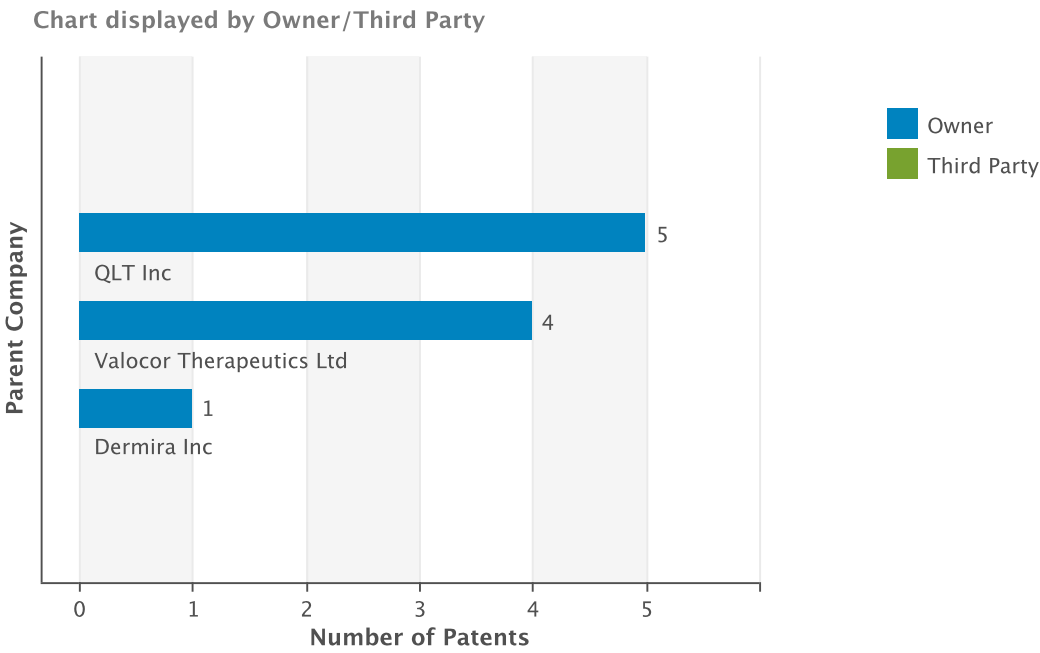
Deals by Type Table

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

[Return to Table of Contents](#)

PATENTS

Patents by Parent Company Chart

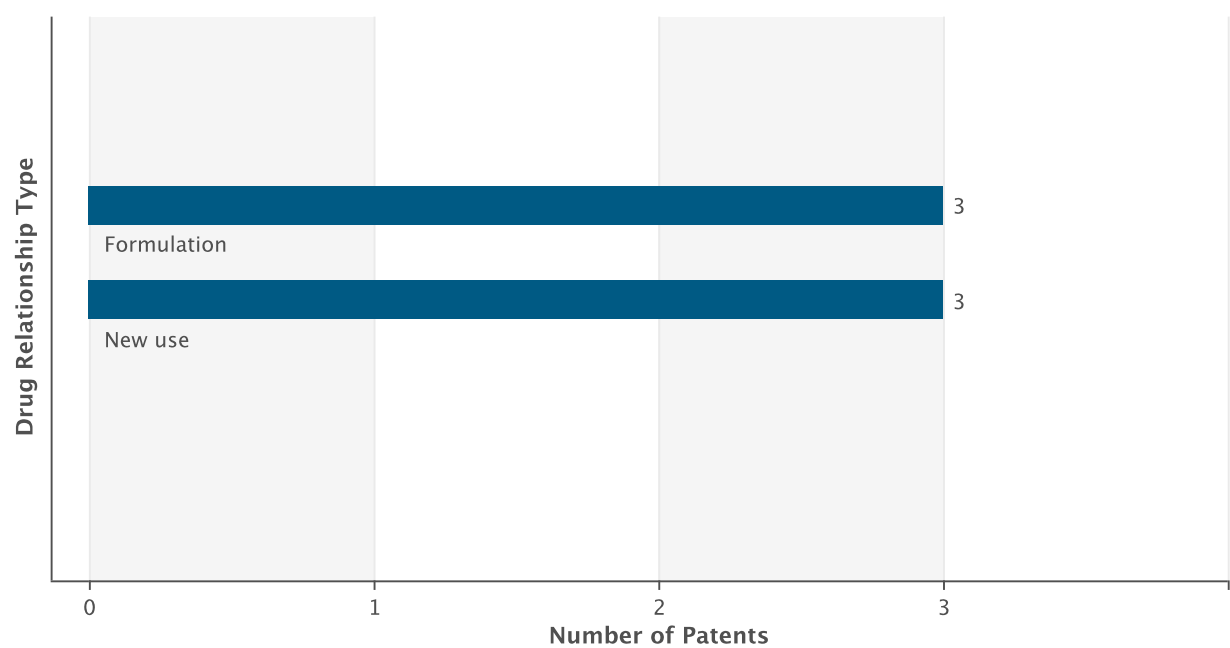


Patents by Parent Company Table

| Company Name | As Owner | As Third Party | Total |
|--------------------------|----------|----------------|-------|
| QLT Inc | 5 | 0 | 5 |
| Valocor Therapeutics Ltd | 4 | 0 | 4 |
| Dermira Inc | 1 | 0 | 1 |

[Return to Table of Contents](#)

Patents by Drug Relationship Type Chart



Patents by Drug Relationship Type Table

| Drug Relationship | Total |
|-------------------|-------|
| Formulation | 3 |
| New use | 3 |

[Return to Table of Contents](#)

DRM-04B

DRM-04B SNAPSHOT

| | |
|----------------------|---|
| Drug Name | DRM-04B |
| Key Synonyms | |
| Originator Company | Dermira Inc |
| Active Companies | Dermira Inc |
| Inactive Companies | |
| Highest Status | Phase 2 Clinical |
| Active Indications | Hyperhidrosis |
| Target-based Actions | Acetylcholine receptor antagonist |
| Other Actions | |
| Technologies | Dermatological formulation;Small molecule therapeutic |
| Last Change Date | 13-Nov-2014 |

DRM-04B DEVELOPMENT PROFILE

SUMMARY

Dermira is developing DRM-04B (DRM-04), an anticholinergic, for the potential topical treatment of axillary hyperhidrosis. In November 2013, a phase II trial was initiated. In February 2014, patient enrollment was ongoing ; in November 2014, results were reported. In April 2014, another phase II trial was initiated ; in November 2014, data were expected in the first half of 2015. At that time, the company planned to initiate a phase III trial in the second half of 2015.

DRM-04B DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

| Company | Indication | Country | Development Status | Date |
|-------------|---------------|---------|--------------------|-------------|
| Dermira Inc | Hyperhidrosis | US | Phase 2 Clinical | 30-Nov-2013 |

DRM-04B DRUG NAMES

| Names | Type |
|---------|---------------|
| DRM-04B | Research Code |
| DRM-04 | Research Code |

DRM-04B CLINICAL TRIALS

[Return to Table of Contents](#)



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 |
| Hyperhidrosis | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 1 | 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 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 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

[Return to Table of Contents](#)

DRM-01

DRM-01 SNAPSHOT

| | |
|----------------------|---|
| Drug Name | DRM-01 |
| Key Synonyms | |
| Originator Company | Valocor Therapeutics Ltd |
| Active Companies | Dermira Inc |
| Inactive Companies | Valocor Therapeutics Ltd |
| Highest Status | Phase 2 Clinical |
| Active Indications | Acne;Sebaceous gland disease;Acne vulgaris |
| Target-based Actions | |
| Other Actions | Unspecified drug target;Anti-inflammatory |
| Technologies | Prodrug;Dermatological formulation;Small molecule therapeutic |
| Last Change Date | 13-Nov-2014 |

DRM-01 DEVELOPMENT PROFILE

SUMMARY

Dermira, following its acquisition of Valocor Therapeutics, is developing DRM-01 (previously VAL-001; DRM-01B), a topical sebum inhibitor, for the potential treatment of acne including acne vulgaris and sebaceous gland hyperactivity,. In August 2013, a phase I/II study was initiated in healthy volunteers with acne vulgaris ; in November 2014, results were reported. At that time, the company planned to file an IND with the FDA to initiate a phase IIb trial in the first half of 2015.

DRM-01 DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

| Company | Indication | Country | Development Status | Date |
|-------------|-------------------------|---------|--------------------|-------------|
| Dermira Inc | Acne vulgaris | Canada | Phase 2 Clinical | 31-Aug-2013 |
| Dermira Inc | Acne | US | Discovery | 20-Oct-2011 |
| Dermira Inc | Sebaceous gland disease | US | Discovery | 20-Oct-2011 |

[Return to Table of Contents](#)



DRM-01 DRUG NAMES

| Names | Type |
|---|---------------|
| sebum inhibitor (topical, acne), Dermira | |
| VAL-001, Valocor | Research Code |
| sebum inhibitor (topical, acne), Valocor Therapeutics | |
| DRM-01B | Research Code |
| DRM-01 | Research Code |

DRM-01 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 |
| Acne vulgaris | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 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 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 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

[Return to Table of Contents](#)



This report was created by Thomson Reuters, using information from *Thomson Reuters Cortellis™ for Competitive Intelligence*; a comprehensive, proven intelligence solution that leverages the most accurate, complete, and widely respected drug pipeline information.

For more information about *Cortellis for Competitive Intelligence*, visit:

http://cortellis.thomsonreuters.com/cortellis_for_you/?cid=thomsonone.

For subscription information, e-mail scientific.lifesciences@thomsonreuters.com.

© 2012 Thomson Reuters. All rights reserved.
Republication or redistribution of Thomson Reuters content, including by framing or similar means, is prohibited without the prior written consent of Thomson Reuters. 'Thomson Reuters' and the Thomson Reuters logo are registered trademarks and trademarks of Thomson Reuters and its affiliated companies.

[Return to Table of Contents](#)

