

# **Ocular Therapeutix 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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## **THOMSON REUTERS**

3 Times Square New York, New York 10036 United States

Tel: +1 646 223 4000

thomsonreuters.com



# 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 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i.e. where the development status for the drug(s) is one of the following: No Development Reported, Discontinued, or Withdrawn.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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| Clinical                               | 17 |
| Discovery                              | 20 |



# **Ocular Therapeutix Inc**

## **COMPANY OVERVIEW**

| Company Name                          | Ocular Therapeutix Inc  |
|---------------------------------------|---|
| Parent Company Name                   | Ocular Therapeutix Inc  |
| Website                               | http://www.ocutx.com/   |
| Country                               | US  |
| Number of Drugs in Active Development | 4   |
| Number of Inactive Drugs              | 2   |
| Number of Patents as Owner            | 0   |
| Number of Patents as Third Party      | 1   |
| Number of Deals                       | 0   |
| Key Indications                       | Glaucoma, Allergic conjunctivitis, Conjunctivitis, Ocular inflammation, Ocular pain, Retinopathy, Angle closure glaucoma, Ocular hypertension, Open angle glaucoma  |
| Key Target-based Actions              | DNA gyrase inhibitor, Glucocorticoid agonist, Prostanoid receptor agonist, Topoisomerase IV inhibitor, VEGF receptor antagonist   |
| Key Technologies                      | Sustained release formulation, Small molecule therapeutic, Ophthalmic gel formulation, Drug implant, Microparticle formulation, Ophthalmic formulation, PEGylated formulation, Antibiotic, Lipid, Ophthalmic drug |

# **COMPANY PROFILE**

#### **SUMMARY**

Ocular Therapeutix Inc (formerly I-Therapeutix), founded in November 2006, aims to develop and commercialize ophthalmic therapeutic products and ocular drug delivery vehicles using its hydrogel technology. In September 2009, I-Therapeutix changed its name to Ocular Therapeutix.

#### **FINANCIAL**

In July 2014, Ocular priced an IPO of 5 million shares at \$13 per share. Underwriters were granted an overallotment option to purchase up to 0.75 million additional shares. Shares were expected to be traded on the NASDAQ Global Market under the ticker symbol 'OCUL' on July 25, 2014. In August 2014, the company raised gross and net proceeds of approximately \$74.8 and \$66.5 million, respectively through the IPO of 5.75 million shares including the full exercise of the over-allotment option.

In June 2013, Ocula secured additional financing.

In January 2013, Ocular raised \$23.8 million from a series D extension round of financing.

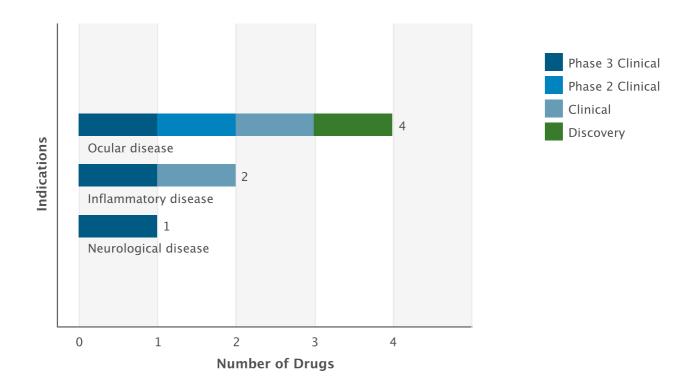
In February 2011, Ocular raised \$14 million from a series D financing round.

# PRODUCT PORTFOLIO SUMMARY

# **DRUGS**

# Drugs by Indication

Active Drugs by Indication Chart

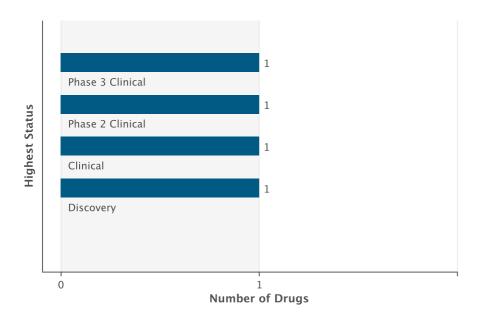


# Drugs by Indication Table

| Indication           | Active | Inactive | Total |
|----------------------|--------|----------|-------|
| Ocular disease       | 4      | 1        | 5     |
| Inflammatory disease | 2      | 0        | 2     |
| Immune disorder      | 0      | 1        | 1     |
| Neurological 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 3 Clinical        | 1               |
| Phase 2 Clinical        | 1               |
| Clinical                | 1               |
| Discovery               | 1               |
| No Development Reported | 2               |

# **CLINICAL TRIALS**

# Trials by Condition Studied

| Condition Studied    | Ongoing | All |
|----------------------|---------|-----|
| Ocular disease       | 1       | 11  |
| Inflammatory disease | 1       | 5   |
| Neurological disease | 1       | 3   |
| Surgical procedure   | 0       | 1   |



## Trials by Phase

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

#### **PATENTS** \*

| Indication     | As Owner | As Third Party | Total |
|----------------|----------|----------------|-------|
| Ocular disease | 0        | 1              | 1     |

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

## PRODUCT PORTFOLIO DRUG PIPELINE DETAIL

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

# dexamethasone (punctum plug, ocular inflammation/pain), Ocular Therapeutix

dexamethasone (punctum plug, ocular inflammation/pain), Ocular Therapeutix SNAPSHOT

| Drug Name            | dexamethasone (punctum plug, ocular inflammation/pain), Ocular Therapeutix                              |
|----------------------|---|
| Key Synonyms         | dexamethasone   |
| Originator Company   | Ocular Therapeutix Inc  |
| Active Companies     | Ocular Therapeutix Inc  |
| Inactive Companies   |   |
| Highest Status       | Phase 3 Clinical  |
| Active Indications   | Allergic conjunctivitis;Ocular inflammation;Ocular pain   |
| Target-based Actions | Glucocorticoid agonist  |
| Other Actions        | Analgesic;Anti-inflammatory;Ophthalmological corticosteroid;Steroidal anti-inflammatory                 |
| Technologies         | Sustained release formulation;Ophthalmic formulation;Ophthalmic drug implant;Small molecule therapeutic |
| Last Change Date     | 13-Nov-2014   |

# dexamethasone (punctum plug, ocular inflammation/pain), Ocular Therapeutix DEVELOPMENT PROFILE

#### **SUMMARY**

Ocular Therapeutix is developing OTX-DP, a one-time, sustained-release, dexamethasone-loaded hydrogel punctum plug, for the potential intracanalicular treatment of post-operative ocular inflammation, pain and allergic conjunctivitis,.

In March 2014, a phase III trial was initiated for post-operative inflammation and pain. At that time, a second phase III trial was expected to start later in 2014. In October 2014, the company planned to submit results to the FDA in 2015. In March 2014, a phase II/III trial for allergic conjunctivitis was initiated; in November 2014, results were reported. At that time, phase III results were expected in 1Q15 and an NDA was planned to be filed with the FDA in 2Q15.

# dexamethasone (punctum plug, ocular inflammation/pain), Ocular Therapeutix DEVELOPMENT STATUS

## **CURRENT DEVELOPMENT STATUS**

| Company                | Indication              | Country | <b>Development Status</b> | Date        |
|------------------------|-------------------------|---------|---------------------------|-------------|
| Ocular Therapeutix Inc | Allergic conjunctivitis | US      | Phase 3 Clinical          | 31-Mar-2014 |
| Ocular Therapeutix Inc | Ocular inflammation     | US      | Phase 3 Clinical          | 17-Mar-2014 |



| Company                | Indication  | Country | <b>Development Status</b> | Date        |
|------------------------|-------------|---------|---------------------------|-------------|
| Ocular Therapeutix Inc | Ocular pain | US      | Phase 3 Clinical          | 17-Mar-2014 |

# dexamethasone (punctum plug, ocular inflammation/pain), Ocular Therapeutix CHEMICAL STRUCTURES

| CAS Registry Number: | Confidence Level: |
|----------------------|-------------------|
| 50-02-2              | 1                 |
|                      |                   |
|                      |                   |
|                      | О                 |
| но                   | Junoh on          |
|                      | H >               |
| F                    | H H               |
| 0                    |                   |
|                      |                   |
| Name                 | Туре              |
| dexamethasone        | BANN; INN         |
| Surodex              | Trade Name        |
|                      |                   |
| Ozurdex              | Trade Name        |
| OTO-104              | Research Code     |
|                      |                   |
| TLC-x99              | Research Code     |
| EGP-437              | Research Code     |
|                      |                   |
| IBI-10090            | Research Code     |
| OTX-DP               | Research Code     |
|                      |                   |
| ISV-305              | Research Code     |
| CD-102               | Research Code     |
|                      |                   |
| Oncocort             |                   |
|                      |                   |

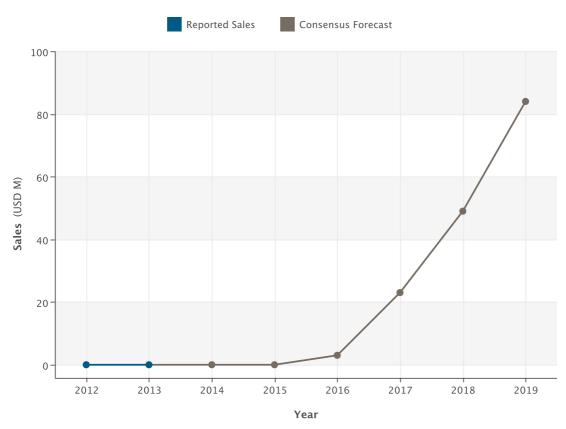
# dexamethasone (punctum plug, ocular inflammation/pain), Ocular Therapeutix DRUG NAMES

| Names  | Туре          |
|--|---------------|
| OTX-DP   | Research Code |
| dexamethasone (punctum plug, ocular inflammation/pain), Ocular Therapeutix |               |
| dexamethasone  | BANN, INN     |

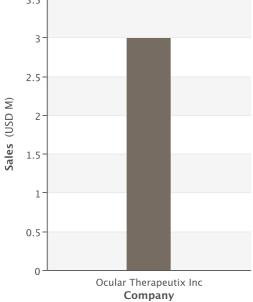


# dexamethasone (punctum plug, ocular inflammation/pain), Ocular Therapeutix SALES AND **CHARTS**













#### **COMMENTARY**

#### **CONSENSUS SALES INFORMATION**

Consensus forecast data for Ocular Therapeutix are presented.

## REGIONAL DEVELOPMENT AND MARKETING RIGHTS

Ocular Therapeutix holds worldwide development and marketing rights.

# dexamethasone (punctum plug, ocular inflammation/pain), Ocular Therapeutix CLINICAL TRIALS

#### Trials by Phase and Condition Studied

|                         | se 4<br>lical |              | se 3<br>nical | Pha<br>Clin  | se 2<br>iical |              | se 1<br>nical | Pha<br>Unspe |     | То           | tal |
|-------------------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|-----|--------------|-----|
| On-<br>going            | All           | On-<br>going | All           | On-<br>going | All           | On-<br>going | All           | On-<br>going | All | On-<br>going | All |
| Ocular in               | flammatio     | n            |               |              |               |              |               |              |     |              |     |
| 0                       | 0             | 1            | 2             | 0            | 1             | 0            | 0             | 0            | 0   | 1            | 3   |
| Ocular pa               | ain           |              |               |              |               |              |               |              |     |              |     |
| 0                       | 0             | 1            | 2             | 0            | 1             | 0            | 0             | 0            | 0   | 1            | 3   |
| Allergic conjunctivitis |               |              |               |              |               |              |               |              |     |              |     |
| 0                       | 0             | 0            | 0             | 0            | 1             | 0            | 0             | 0            | 0   | 0            | 1   |

# Total Trials by Phase and Status

|              | se 4<br>lical             |              | se 3<br>nical |              | se 2<br>nical |              | se 1<br>nical |              | ase<br>ecified | То           | tal |
|--------------|---------------------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|----------------|--------------|-----|
| On-<br>going | All                       | On-<br>going | All           | On-<br>going | All           | On-<br>going | All           | On-<br>going | All            | On-<br>going | All |
| Total by     | Total by Phase and Status |              |               |              |               |              |               |              |                |              |     |
| 0            | 0                         | 1            | 2             | 0            | 2             | 0            | 0             | 0            | 0              | 1            | 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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# travoprost (sustained release/punctal plug delivery system, glaucoma), Ocular Therapeutix

# travoprost (sustained release/punctal plug delivery system, glaucoma), Ocular Therapeutix SNAPSHOT

| Drug Name            | travoprost (sustained release/punctal plug delivery system, glaucoma), Ocular Therapeutix  |
|----------------------|--|
| Key Synonyms         | travoprost   |
| Originator Company   | Ocular Therapeutix Inc   |
| Active Companies     | Ocular Therapeutix Inc   |
| Inactive Companies   |  |
| Highest Status       | Phase 2 Clinical   |
| Active Indications   | Glaucoma   |
| Target-based Actions | Prostanoid receptor agonist  |
| Other Actions        | Antiglaucoma agent;PGF2 alpha agonist  |
| Technologies         | Lipid;Drug implant;Sustained release formulation;Microparticle formulation;Small molecule therapeutic;Ophthalmic gel formulation |
| Last Change Date     | 14-Nov-2014  |

travoprost (sustained release/punctal plug delivery system, glaucoma), Ocular Therapeutix DEVELOPMENT PROFILE

#### **SUMMARY**

Ocular Therapeutix is developing sustained-release formulations of travoprost, including OTX-TP, OTX-TP1 and OTX-TP2, delivered using the company's punctum plug delivery system, for the potential treatment of glaucoma,.

In May 2012, a feasibility study of OTX-TP1, a 30-day sustained-release formulation, was initiated in glaucoma patients; in July 2012, data were reported. In August 2012, a pilot phase II trial was initiated using OTX-TP2, a 2-month sustained-release formulation; in October 2012, data were reported. In November 2014, patient enrollment was initiated in a phase IIb trial.

The company is also investigating the treatment as OTX-TP2, a 60-day sustained-release formulation of travoprost; at that time, phase II trials were expected later in 2012.

# travoprost (sustained release/punctal plug delivery system, glaucoma), Ocular Therapeutix DEVELOPMENT STATUS

#### **CURRENT DEVELOPMENT STATUS**

| Company                | Indication | Country      | <b>Development Status</b> | Date        |
|------------------------|------------|--------------|---------------------------|-------------|
| Ocular Therapeutix Inc | Glaucoma   | South Africa | Phase 2 Clinical          | 20-Aug-2012 |
| Ocular Therapeutix Inc | Glaucoma   | Singapore    | Clinical                  | 04-May-2012 |



# travoprost (sustained release/punctal plug delivery system, glaucoma), Ocular Therapeutix CHEMICAL STRUCTURES

| CAS Registry Number:                     | Confidence Level: |
|--|-------------------|
| 157283-68-6                              | 1                 |
| HO H | O F F             |
| Name                                     | Туре              |
| travoprost                               | BANN; INN; USAN   |
| Izba                                     | Trade Name        |
| Travatan                                 | Trade Name        |
| AL-6221                                  | Research Code     |
| GLT-137                                  | Research Code     |

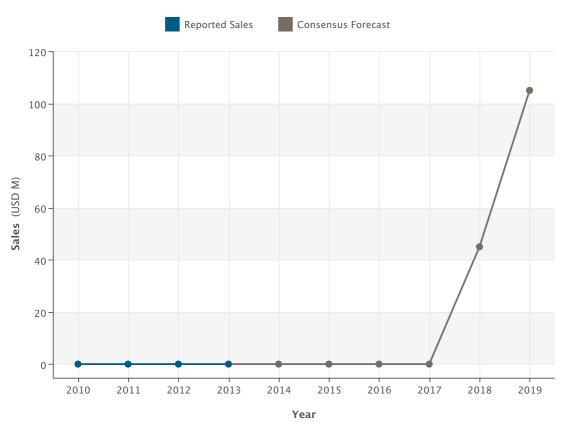
# travoprost (sustained release/punctal plug delivery system, glaucoma), Ocular Therapeutix DRUG NAMES

| Names   | Туре            |
|---|-----------------|
| OTX-TP2   | Research Code   |
| travoprost  | USAN, BANN, INN |
| travoprost (sustained release/punctal plug delivery system, glaucoma), Ocular Therapeutix     |                 |
| OTX-TP  | Research Code   |
| prostaglandin (ophthalmic sustained release/punctal plug delivery system), Ocular Therapeutix |                 |
| OTX-TP1   | Research Code   |

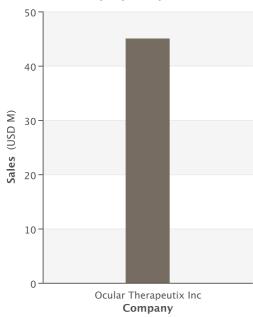


# travoprost (sustained release/punctal plug delivery system, glaucoma), Ocular Therapeutix CHARTS

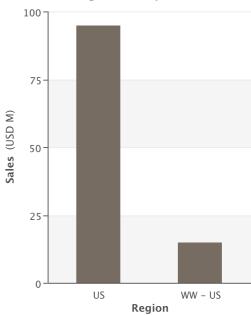








# Regional Analysis 2018





#### **COMMENTARY**

#### **CONSENSUS SALES INFORMATION**

Consensus forecast data for Ocular Therapeutix are presented.

# REGIONAL DEVELOPMENT AND MARKETING RIGHTS

Ocular Therapeutix holds worldwide development and marketing rights.

# travoprost (sustained release/punctal plug delivery system, glaucoma), Ocular Therapeutix CLINICAL TRIALS

## Trials by Phase and Condition Studied

|                     | se 4<br>nical |              | se 3<br>nical |              | se 2<br>nical |              | se 1<br>nical |              | ase<br>ecified | То           | tal |
|---------------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|----------------|--------------|-----|
| On-<br>going        | All           | On-<br>going | All           | On-<br>going | All           | On-<br>going | All           | On-<br>going | All            | On-<br>going | All |
| Open angle glaucoma |               |              |               |              |               |              |               |              |                |              |     |
| 0                   | 0             | 0            | 0             | 0            | 2             | 0            | 1             | 0            | 1              | 0            | 4   |
| Ocular hypertension |               |              |               |              |               |              |               |              |                |              |     |
| 0                   | 0             | 0            | 0             | 0            | 2             | 0            | 0             | 0            | 0              | 0            | 2   |

## Total Trials by Phase and Status

|                           | se 4<br>lical |              | se 3<br>nical |              | se 2<br>iical |              | se 1<br>nical |              | ase<br>ecified | То           | tal |
|---------------------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|----------------|--------------|-----|
| On-<br>going              | All           | On-<br>going | All           | On-<br>going | All           | On-<br>going | All           | On-<br>going | All            | On-<br>going | All |
| Total by Phase and Status |               |              |               |              |               |              |               |              |                |              |     |
| 0                         | 0             | 0            | 0             | 0            | 2             | 0            | 1             | 0            | 1              | 0            | 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 1, Phase 1, Phase 1/2 (where enrolment count is under 100 or not specified), Phase 0

# moxifloxacin (ophthalmic sustained release/punctal plug delivery system, bacterial conjunctivitis), Ocular Therapeutix

moxifloxacin (ophthalmic sustained release/punctal plug delivery system, bacterial conjunctivitis), Ocular Therapeutix SNAPSHOT

| Drug Name            | moxifloxacin (ophthalmic sustained release/punctal plug delivery system, bacterial conjunctivitis), Ocular Therapeutix                                      |
|----------------------|---|
| Key Synonyms         | moxifloxacin  |
| Originator Company   | Ocular Therapeutix Inc  |
| Active Companies     | Ocular Therapeutix Inc  |
| Inactive Companies   |   |
| Highest Status       | Clinical  |
| Active Indications   | Conjunctivitis  |
| Target-based Actions | DNA gyrase inhibitor;Topoisomerase IV inhibitor   |
| Other Actions        | Bacterial nucleic acid synthesis inhibitor;Ophthalmological antibacterial   |
| Technologies         | PEGylated formulation;Drug implant;Sustained release formulation;Antibiotic;Microparticle formulation;Small molecule therapeutic;Ophthalmic gel formulation |
| Last Change Date     | 05-Jun-2013   |

moxifloxacin (ophthalmic sustained release/punctal plug delivery system, bacterial conjunctivitis), Ocular Therapeutix DEVELOPMENT PROFILE

## **SUMMARY**

Ocular Therapeutix is developing a sustained-release formulation of moxifloxacin, a PEG hyrogel rod comprising of free and poly (lactic-co-glycolic acid) encapsulated moxifloxacin particles, delivered using the company's punctum plug delivery system, for the potential treatment of bacterial conjunctivitis. In October 2010, positive clinical results were reported; in May 2013, further clinical data were reported.

moxifloxacin (ophthalmic sustained release/punctal plug delivery system, bacterial conjunctivitis), Ocular Therapeutix DEVELOPMENT STATUS

#### **CURRENT DEVELOPMENT STATUS**

| Company                | Indication     | Country | <b>Development Status</b> | Date        |
|------------------------|----------------|---------|---------------------------|-------------|
| Ocular Therapeutix Inc | Conjunctivitis | US      | Clinical                  | 12-Oct-2010 |
|                        |                |         |                           |             |

moxifloxacin (ophthalmic sustained release/punctal plug delivery system, bacterial conjunctivitis), Ocular Therapeutix CHEMICAL STRUCTURES

| CAS Registry Number:                    | Confidence Level: |
|---|-------------------|
| 151096-09-2                             | 1                 |
| H N N N N N N N N N N N N N N N N N N N | О N О О Н         |
| Name                                    | Туре              |
| moxifloxacin                            | BANN; INN         |
| Avalox                                  | Trade Name        |
| Avelox                                  | Trade Name        |

moxifloxacin (ophthalmic sustained release/punctal plug delivery system, bacterial conjunctivitis), Ocular Therapeutix DRUG NAMES

| Names  | Туре      |
|--|-----------|
| moxifloxacin   | BANN, INN |
| moxifloxacin (ophthalmic sustained release/punctal plug delivery system, bacterial conjunctivitis), Ocular Therapeutix |           |

moxifloxacin (ophthalmic sustained release/punctal plug delivery system, bacterial conjunctivitis), Ocular Therapeutix CLINICAL TRIALS

Trials by Phase and Condition Studied

| Phase 4<br>Clinical |        | Phase 3<br>Clinical |     | Phase 2<br>Clinical |     | Phase 1<br>Clinical |     | Phase<br>Unspecified |     | Total        |     |
|---------------------|--------|---------------------|-----|---------------------|-----|---------------------|-----|----------------------|-----|--------------|-----|
| On-<br>going        | All    | On-<br>going        | All | On-<br>going        | All | On-<br>going        | All | On-<br>going         | All | On-<br>going | All |
| Conjuncti           | ivitis |                     |     |                     |     |                     |     |                      |     |              |     |
| 0                   | 0      | 0                   | 0   | 0                   | 0   | 0                   | 0   | 0                    | 1   | 0            | 1   |

# Total Trials by Phase and Status

| Phase 4<br>Clinical       |     | Phase 3<br>Clinical |     | Phase 2<br>Clinical |     | Phase 1<br>Clinical |     | Phase<br>Unspecified |     | Total        |     |
|---------------------------|-----|---------------------|-----|---------------------|-----|---------------------|-----|----------------------|-----|--------------|-----|
| On-<br>going              | All | On-<br>going        | All | On-<br>going        | All | On-<br>going        | All | On-<br>going         | All | On-<br>going | All |
| Total by Phase and Status |     |                     |     |                     |     |                     |     |                      |     |              |     |
| 0                         | 0   | 0                   | 0   | 0                   | 0   | 0                   | 0   | 0                    | 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 1, Phase 1, Phase 1/2 (where enrolment count is under 100 or not specified), Phase 0



# anti-VEGF protein therapeutic (sustained release depot, retinal disease), Ocular Therapeutix

# anti-VEGF protein therapeutic (sustained release depot, retinal disease), Ocular Therapeutix SNAPSHOT

| Drug Name            | anti-VEGF protein therapeutic (sustained release depot, retinal disease), Ocular Therapeutix                  |  |  |  |  |
|----------------------|---|--|--|--|--|
| Key Synonyms         |   |  |  |  |  |
| Originator Company   | Ocular Therapeutix Inc  |  |  |  |  |
| Active Companies     | Ocular Therapeutix Inc  |  |  |  |  |
| Inactive Companies   |   |  |  |  |  |
| Highest Status       | Discovery   |  |  |  |  |
| Active Indications   | Retinopathy   |  |  |  |  |
| Target-based Actions | VEGF receptor antagonist  |  |  |  |  |
| Other Actions        |   |  |  |  |  |
| Technologies         | PEGylated formulation;Sustained release formulation;Ophthalmic formulation;Small molecule therapeutic;Peptide |  |  |  |  |
| Last Change Date     | 13-Nov-2014   |  |  |  |  |

# anti-VEGF protein therapeutic (sustained release depot, retinal disease), Ocular Therapeutix DEVELOPMENT PROFILE

#### **SUMMARY**

Ocular Therapeutix is investigating a posterior segment sustained release depot formulation of an anti-VEGF protein therapeutic, delivered using PEG hydrogel technology, for the potential intravitreal treatment of back of the eye disease,. In January 2014, development was ongoing. In October 2014, the program was listed as being in preclinical development.

# anti-VEGF protein therapeutic (sustained release depot, retinal disease), Ocular Therapeutix DEVELOPMENT STATUS

#### **CURRENT DEVELOPMENT STATUS**

| Company                | Indication  | Country | <b>Development Status</b> | Date        |
|------------------------|-------------|---------|---------------------------|-------------|
| Ocular Therapeutix Inc | Retinopathy | US      | Discovery                 | 10-Jan-2014 |
|                        |             |         |                           |             |

# anti-VEGF protein therapeutic (sustained release depot, retinal disease), Ocular Therapeutix DRUG NAMES

| Names  | Туре |
|--|------|
| anti-VEGF protein therapeutic (sustained release depot, retinal disease), Ocular Therapeutix |      |



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