

# Interleukin 1 (IL1) - Pipeline Review, H1 2018

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## Abstracts

Interleukin 1 (IL1) - Pipeline Review, H1 2018

### SUMMARY

According to the recently published report 'Interleukin 1 (IL1) - Pipeline Review, H1 2018'; Interleukin 1 (IL1) pipeline Target constitutes close to 22 molecules. Out of which approximately 21 molecules are developed by companies and remaining by the universities/institutes.

Interleukin 1 (IL1) - Interleukin-1 is a cytokine which plays an important role regulation of immune and inflammatory responses. It helps leukocytes pass through blood vessel walls to sites of infection and causes fever by affecting areas of the brain that control body temperature. There are two forms of interleukin-1, alpha and beta. IL-1 stimulates thymocyte proliferation by inducing IL-2 release, B-cell maturation and proliferation, and fibroblast growth factor activity.

The report 'Interleukin 1 (IL1) - Pipeline Review, H1 2018' outlays comprehensive information on the Interleukin 1 (IL1) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type; that are being developed by Companies/Universities.

It also reviews key players involved in Interleukin 1 (IL1) targeted therapeutics development with respective active and dormant or discontinued projects. Currently, The molecules developed by companies in Pre-Registration, Filing rejected/Withdrawn, Phase III, Phase II, Phase I, Preclinical and Discovery stages are 1, 1, 1, 6, 1, 10 and 1 respectively. Similarly, the universities portfolio in Preclinical stages comprises 1 molecules, respectively.

Report covers products from therapy areas Cardiovascular, Immunology, Metabolic Disorders, Oncology, Dermatology, Musculoskeletal Disorders, Ear Nose Throat Disorders, Gastrointestinal, Genetic Disorders, Central Nervous System and Genito Urinary System And Sex Hormones which include indications Gouty Arthritis (Gout), Non-Small Cell Lung Cancer, Epidermolysis Bullosa, Inflammation, Atherosclerosis, Behcet Disease, Familial Mediterranean Fever, Type 2 Diabetes, Acne Vulgaris, Atopic Dermatitis, Autoimmune Disorders, Bladder Cancer, Bullous Pemphigoid, Cancer Anorexia-Cachexia Syndrome, Cardiovascular Risk Factors, Cervical Cancer, Colorectal Cancer, Diabetes, Esophageal Cancer, Fallopian Tube Cancer, Hearing Disorders, Hidradenitis Suppurativa, Hypercholesterolemia, Inflammatory Bowel Disease, Kidney Fibrosis, Liver Fibrosis, Lymphoma, Metastatic Colorectal Cancer, Mevalonate Kinase Deficiency (Hyperimmunoglobulin D Syndrome (HIDS)), Muckle-Wells Syndrome, Myocardial Infarction, Neonatal Onset Multisystem Inflammatory Disease, Ovarian Cancer, Pain, Pancreatic Cancer, Pericarditis, Plaque Psoriasis (Psoriasis Vulgaris), Prostate Cancer, Restenosis, Rheumatoid Arthritis, Rhinitis, Sarcoidosis, Skin Inflammation, Skin Ulcers, Systemic Idiopathic Juvenile Arthritis and Tumor Necrosis Factor Receptor-Associated Periodic Syndrome (Familial Hibernian Fever).

**Note:** Certain content/sections in the pipeline guide may be removed or altered based on the availability and relevance of data.

## SCOPE

The report provides a snapshot of the global therapeutic landscape for Interleukin 1 (IL1)

The report reviews Interleukin 1 (IL1) targeted therapeutics under development by companies and universities/research institutes based on information derived from company and industry-specific sources

The report covers pipeline products based on various stages of development ranging from pre-registration till discovery and undisclosed stages

The report features descriptive drug profiles for the pipeline products which includes, product description, descriptive MoA, R&D brief, licensing and collaboration details & other developmental activities

The report reviews key players involved in Interleukin 1 (IL1) targeted

therapeutics and enlists all their major and minor projects

The report assesses Interleukin 1 (IL1) targeted therapeutics based on mechanism of action (MoA), route of administration (RoA) and molecule type

The report summarizes all the dormant and discontinued pipeline projects

The report reviews latest news and deals related to Interleukin 1 (IL1) targeted therapeutics

## **REASONS TO BUY**

Gain strategically significant competitor information, analysis, and insights to formulate effective R&D strategies

Identify emerging players with potentially strong product portfolio and create effective counter-strategies to gain competitive advantage

Identify and understand the targeted therapy areas and indications for Interleukin 1 (IL1)

Identify the use of drugs for target identification and drug repurposing

Identify potential new clients or partners in the target demographic

Develop strategic initiatives by understanding the focus areas of leading companies

Plan mergers and acquisitions effectively by identifying key players and it's most promising pipeline therapeutics

Devise corrective measures for pipeline projects by understanding Interleukin 1 (IL1) development landscape

Develop and design in-licensing and out-licensing strategies by identifying prospective partners with the most attractive projects to enhance and expand business potential and scope

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Novartis AG

Omnitura Therapeutics Inc

Opsona Therapeutics Ltd

Optimum Therapeutics LLC

Peptinov SAS

R Pharm

Regeneron Pharmaceuticals Inc

Spherium Biomed SL

Swedish Orphan Biovitrum AB

XBiotech Inc

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AC-203 - Drug Profile

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Mechanism Of Action

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Antisense Oligonucleotide to Inhibit IL-1 Beta for Epidermolysis Bullosa - Drug Profile

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PPV-01 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

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Product Description

Mechanism Of Action

R&D Progress

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Product Description

Mechanism Of Action

R&D Progress

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R&D Progress

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Mechanism Of Action

R&D Progress

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Featured News & Press Releases

Apr 16, 2018: XBiotech Announces Upcoming Phase 2 Clinical Studies in Dermatology

Mar 12, 2018: Canakinumab Doesn't Prevent Prediabetes from Progressing to Diabetes

Feb 26, 2018: TWi Biotechnology Announced Regulatory Clearance to Begin Phase 2 Proof-of-Concept Clinical trial of AC-203 for treatment of Inherited Epidermolysis Bullosa

Jan 26, 2018: XBiotech Announces Presentation of Data from Phase 2 Study Evaluating MABp1 for the Treatment of Hidradenitis Suppurativa

Jan 19, 2018: XBiotech Announces Presentation of Phase 2 Open Label Extension Study Data Evaluating MABp1 for the Treatment of Hidradenitis Suppurativa

Jan 15, 2018: Castle Creek Pharmaceuticals Announces Data Validating First Investigator's Global Assessment Scale for Epidermolysis Bullosa Simplex Clinical Research

Jan 03, 2018: Castle Creek Pharmaceuticals to Participate in 5th Annual Dermatology Summit

Dec 04, 2017: XBiotech Announces Publication of Phase II Data from Hidradenitis Suppurativa Phase II Study in The Journal of Investigative Dermatology

Nov 14, 2017: XBiotech Announces Presentation of Novel Findings for MABp1 in the Prevention of Coronary Thrombosis at the American Heart Association Scientific Sessions

Nov 13, 2017: Novartis canakinumab (ACZ885) reduced cardiovascular risk by 25% in subgroup of CANTOS Phase III trial participants

Nov 13, 2017: Response after Single Treatment with Canakinumab Predicts Which Patients Will Benefit Most

Nov 03, 2017: XBiotech's MABp1 to be Featured in Oral Presentation at the American Heart Association Scientific Sessions

Nov 01, 2017: TWi Biotechnology Presents Positive Results from AC-201 CR Phase 2 Proof-of-Concept Study in Gout Patients in 2017 ACR/ARPH Annual Meeting

Oct 27, 2017: Castle Creek Pharmaceuticals Receives Partners in Progress Award from debra of America

Oct 18, 2017: XBiotech Announces First Patient in Study Evaluating MABp1 in

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Exicure Inc  
Immune Response BioPharma Inc  
Moderna Therapeutics Inc  
Novartis AG  
Omnitura Therapeutics Inc  
Opsona Therapeutics Ltd  
Optimum Therapeutics LLC  
Peptinov SAS  
R Pharm  
Regeneron Pharmaceuticals Inc  
Spherium Biomed SL  
Swedish Orphan Biovitrum AB  
XBiotech Inc

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