

# Retinoic Acid Receptor Gamma (RAR Gamma or Nuclear Receptor Subfamily 1 Group B Member 3 or NR1B3 or RARG) Drugs in Development by Therapy Areas and Indications, Stages, MoA, RoA, Molecule Type and Key Players, 2022 Update

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## **Abstracts**

Retinoic Acid Receptor Gamma (RAR Gamma or Nuclear Receptor Subfamily 1 Group B Member 3 or NR1B3 or RARG) Drugs in Development by Therapy Areas and Indications, Stages, MoA, RoA, Molecule Type and Key Players, 2022 Update

## **SUMMARY**

According to the recently published report 'Retinoic Acid Receptor Gamma - Drugs In Development, 2022'; Retinoic Acid Receptor Gamma (RAR Gamma or Nuclear Receptor Subfamily 1 Group B Member 3 or NR1B3 or RARG) pipeline Target constitutes close to 16 molecules. Out of which approximately 16 molecules are developed by Companies.

Retinoic Acid Receptor Gamma (RAR Gamma or Nuclear Receptor Subfamily 1 Group B Member 3 or NR1B3 or RARG) - Retinoic acid receptor gamma (RARG) is a nuclear receptor that is encoded by the RARG gene. RARG bind as heterodimers to the target response elements in response to their ligands (all-trans or 9-cis retinoic acid) and regulate gene expression in various biological processes. In the absence or presence of hormone ligand, acts mainly as an activator of gene expression due to weak binding to co-repressors. It is required for limb bud development.

The report 'Retinoic Acid Receptor Gamma - Drugs In Development, 2022' outlays comprehensive information on the Retinoic Acid Receptor Gamma (RAR Gamma or



Nuclear Receptor Subfamily 1 Group B Member 3 or NR1B3 or RARG) 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 Retinoic Acid Receptor Gamma (RAR Gamma or Nuclear Receptor Subfamily 1 Group B Member 3 or NR1B3 or RARG) 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 Currently, The molecules developed by companies in Pre-Registration, Filing rejected/Withdrawn, Phase III, Phase II, Preclinical and Discovery stages are 2, 1, 3, 2, 7 and 1 respectively. Report covers products from therapy areas Dermatology, Musculoskeletal Disorders, Ophthalmology, Respiratory, Gastrointestinal, Immunology, Infectious Disease, Metabolic Disorders and Oncology which include indications Acne Vulgaris, Bronchopulmonary Dysplasia, Fibrodysplasia Ossificans Progressiva (Myositis Ossificans Progressiva), Fibrosis, Hand Dermatitis, Head And Neck Cancer, Inflammatory Bowel Disease, Kaposi Sarcoma, Keratoconjunctivitis Sicca (Dry Eye), Retinopathy Of Prematurity, Spondyloarthritis (Spondyloarthropathy), Systemic Lupus Erythematosus and Type 1 Diabetes (Juvenile Diabetes).

**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 Retinoic Acid Receptor Gamma (RAR Gamma or Nuclear Receptor Subfamily 1 Group B Member 3 or NR1B3 or RARG)

The report reviews Retinoic Acid Receptor Gamma (RAR Gamma or Nuclear Receptor Subfamily 1 Group B Member 3 or NR1B3 or RARG) 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 Retinoic Acid Receptor Gamma (RAR Gamma or Nuclear Receptor Subfamily 1 Group B Member 3 or NR1B3 or RARG) targeted therapeutics and enlists all their major and minor projects

The report assesses Retinoic Acid Receptor Gamma (RAR Gamma or Nuclear Receptor Subfamily 1 Group B Member 3 or NR1B3 or RARG) 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 Retinoic Acid Receptor Gamma (RAR Gamma or Nuclear Receptor Subfamily 1 Group B Member 3 or NR1B3 or RARG) 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 Retinoic Acid Receptor Gamma (RAR Gamma or Nuclear Receptor Subfamily 1 Group B Member 3 or NR1B3 or RARG)

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 Retinoic Acid Receptor Gamma (RAR Gamma or Nuclear Receptor Subfamily 1 Group B Member 3 or NR1B3 or RARG) 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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Ipsen SA

Lee's Pharmaceutical Holdings Ltd

Orphanix GmbH

Ortho Dermatologics Inc

Promius Pharma LLC

Sveikatal Inc

TherapyX Inc

Retinoic Acid Receptor Gamma (RAR Gamma or Nuclear Receptor Subfamily 1 Group

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(adapalene + benzoyl peroxide + clindamycin phosphate) - Drug Profile

**Product Description** 

Mechanism Of Action

History of Events

(adapalene + clindamycin hydrochloride) - Drug Profile

**Product Description** 



Mechanism Of Action

History of Events

(benzoyl peroxide + tretinoin) - Drug Profile

**Product Description** 

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(TPX-6001 + tretinoin) - Drug Profile

**Product Description** 

Mechanism Of Action

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alitretinoin - Drug Profile

**Product Description** 

Mechanism Of Action

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alitretinoin - Drug Profile

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**Product Description** 

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tazarotene - Drug Profile

**Product Description** 

Mechanism Of Action

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tretinoin - Drug Profile

**Product Description** 

Mechanism Of Action

History of Events

tretinoin - Drug Profile

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Mechanism Of Action

History of Events

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vitamin A palmitate - Drug Profile

**Product Description** 

Mechanism Of Action

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vitamin A palmitate - Drug Profile

**Product Description** 

Mechanism Of Action

History of Events

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### Featured News & Press Releases

Jun 29, 2022: Ipsen announces U.S. FDA priority review for palovarotene new drug application in patients with fibrodysplasia ossificans progressiva following resubmission Mar 22, 2022: Ortho Dermatologics will present new data on IDP-126 Gel at the 2022 American Academy of Dermatology Annual Meeting

Jan 24, 2022: Health Canada approves Ipsen's Sohonos (palovarotene capsules) as the first approved treatment for Fibrodysplasia Ossificans Progressiva

Oct 28, 2021: The first and only tazarotene lotion indicated for acne vulgaris in patients 10 years of age and older, ARAZLO now available for patients by prescription across Canada

Oct 19, 2021: Ortho Dermatologics to present new data on ARAZLO at the 2021 Fall Clinical Dermatology Conference

Sep 13, 2021: Voluntary announcement Adapalene Clindamycin Hydrochloride combination gel passing the on site inspection for drug registration in China becoming the third GMP inspection that the company has passed this year

Aug 13, 2021: Ipsen announces withdrawal of palovarotene NDA, confirming intention to re-submit following additional data analyses

Aug 04, 2021: Health Canada approves ARAZLO (Tazarotene) Lotion, 0.045%, first such lotion treatment for acne vulgaris

May 28, 2021: Ipsen confirms U.S. FDA accepts new drug application for Palovarotene as the first potential treatment worldwide for fibrodysplasia ossificans progressiva (FOP)

Apr 22, 2021: Ortho Dermatologics announces statistically significant topline results from second pivotal phase 3 clinical trial evaluating IDP-126 gel in acne vulgaris

Apr 21, 2021: Ortho Dermatologics to present abstract on ARAZLO (tazarotene) Lotion at 2021 American Academy of Dermatology Annual Meeting

Feb 24, 2021: Galderma and Aklief (trifarotene) cream, 0.005% unveil me being me campaign to inspire young people with acne to live life to the fullest

Feb 09, 2021: Lee's Pharmaceutical Holdings: Update on an investigational dermatology product

Nov 16, 2020: Trifarotene in moderate acne: no study data for the assessment of the added benefit

Sep 10, 2020: Ipsen to present new Insights at ASBMR for potential treatment of ultrarare disease Fibrodysplasia Ossificans Progressiva (FOP), including global phase III MOVE Trial results

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