

# Prostaglandin E2 Receptor EP4 Subtype (Prostanoid EP4 Receptor or PTGER4) - Pipeline Review, H1 2018

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## Abstracts

Prostaglandin E2 Receptor EP4 Subtype (Prostanoid EP4 Receptor or PTGER4) - Pipeline Review, H1 2018

### SUMMARY

Prostaglandin E2 Receptor EP4 Subtype (Prostanoid EP4 Receptor or PTGER4) - Prostaglandin E2 receptor 4 (EP4) is a prostaglandin receptor encoded by the PTGER4 gene. The activity of the receptor is mediated by G proteins that stimulate adenylate cyclase. It has a relaxing effect on smooth muscle. It plays an important role in regulating renal hemodynamics, intestinal epithelial transport, adrenal aldosterone secretion, and uterine function.

Prostaglandin E2 Receptor EP4 Subtype (Prostanoid EP4 Receptor or PTGER4) pipeline Target constitutes close to 10 molecules. Out of which approximately 9 molecules are developed by companies and remaining by the universities/institutes. The molecules developed by companies in Phase II, Phase I and Preclinical stages are 4, 2 and 3 respectively. Similarly, the universities portfolio in Discovery stages comprises 1 molecules, respectively. Report covers products from therapy areas Oncology, Immunology, Central Nervous System, Gastrointestinal, Dermatology, Metabolic Disorders, Respiratory and Women's Health which include indications Autoimmune Disorders, Breast Cancer, Allergies, Chronic Pain, Contact Dermatitis, Inflammatory Bowel Disease, Non-Small Cell Lung Cancer, Osteoarthritis Pain, Acute Pain, Bladder Cancer, Cervical Cancer, Chronic Obstructive Pulmonary Disease (COPD), Colorectal Cancer, Endometriosis, Epithelial Ovarian Cancer, Gastrointestinal Tract Cancer, Head And Neck Cancer Squamous Cell Carcinoma, Hepatocellular Carcinoma, Inflammatory Pain, Lung Cancer, Osteoporosis, Pancreatic Cancer, Post-Operative Pain, Prostate

Cancer, Rectal Cancer, Renal Cell Carcinoma, Rheumatoid Arthritis, Solid Tumor and Ulcerative Colitis.

The latest report Prostaglandin E2 Receptor EP4 Subtype - Pipeline Review, H1 2018, outlays comprehensive information on the Prostaglandin E2 Receptor EP4 Subtype (Prostanoid EP4 Receptor or PTGER4) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type. It also reviews key players involved in Prostaglandin E2 Receptor EP4 Subtype (Prostanoid EP4 Receptor or PTGER4) targeted therapeutics development with respective active and dormant or discontinued projects.

The report is built using data and information sourced from proprietary databases, company/university websites, clinical trial registries, conferences, SEC filings, investor presentations and featured press releases from company/university sites and industry-specific third party sources.

**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 Prostaglandin E2 Receptor EP4 Subtype (Prostanoid EP4 Receptor or PTGER4)

The report reviews Prostaglandin E2 Receptor EP4 Subtype (Prostanoid EP4 Receptor or PTGER4) 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 Prostaglandin E2 Receptor EP4 Subtype (Prostanoid EP4 Receptor or PTGER4) targeted therapeutics and

enlists all their major and minor projects

The report assesses Prostaglandin E2 Receptor EP4 Subtype (Prostanoid EP4 Receptor or PTGER4) 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 Prostaglandin E2 Receptor EP4 Subtype (Prostanoid EP4 Receptor or PTGER4) 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 Prostaglandin E2 Receptor EP4 Subtype (Prostanoid EP4 Receptor or PTGER4)

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 Prostaglandin E2 Receptor EP4 Subtype (Prostanoid EP4 Receptor or PTGER4) 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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Kaken Pharmaceutical Co Ltd

Ono Pharmaceutical Co Ltd

RaQualia Pharma Inc

Rottapharm Biotech Srl

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Sep 01, 2017: Eisai to Present Abstract on E7046 at ESMO 2017 Congress

Sep 01, 2017: Eisai to Present Abstract on its Oncology Product Candidate E7046 at

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Jul 25, 2012: RaQualia Pharma Receives Allowance For EP4 Antagonist Substance

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### COMPANIES MENTIONED

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Eli Lilly and Co

Kaken Pharmaceutical Co Ltd

Ono Pharmaceutical Co Ltd

RaQualia Pharma Inc

Rottapharm Biotech Srl

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