

# Connective Tissue Growth Factor (CCN Family Member 2 or Hypertrophic Chondrocyte Specific Protein 24 or Insulin Like Growth Factor Binding Protein 8 or IGFBP8 or CTGF) - Pipeline Review, H1 2018

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## **Abstracts**

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### **SUMMARY**

Connective Tissue Growth Factor (CCN Family Member 2 or Hypertrophic Chondrocyte Specific Protein 24 or Insulin Like Growth Factor Binding Protein 8 or IGFBP8 or CTGF) - Connective tissue growth factor (CTGF), also known as CCN2 is a matricellular protein of the CCN family of extracellular matrix-associated heparin-binding proteins.

CTGF plays an important role in promoting fibroblast proliferation, migration, adhesion, and extracellular matrix formation, and its overproduction plays a major role in pathways that lead to fibrosis (TGF-beta-dependent). This includes fibrosis of major organs, fibroproliferative diseases, and scarring. CTGF also plays an important role in the extracellular matrix remodeling that occurs in normal physiological processes such as embryogenesis, implantation, and wound healing.

Connective Tissue Growth Factor (CCN Family Member 2 or Hypertrophic Chondrocyte Specific Protein 24 or Insulin Like Growth Factor Binding Protein 8 or IGFBP8 or CTGF) pipeline Target constitutes close to 11 molecules. Out of which approximately 10 molecules are developed by companies and remaining by the universities/institutes.



The molecules developed by companies in Phase II, IND/CTA Filed, Preclinical, Discovery and Unknown stages are 3, 1, 4, 1 and 1 respectively. Similarly, the universities portfolio in Preclinical stages comprises 1 molecules, respectively. Report covers products from therapy areas Gastrointestinal, Respiratory, Genetic Disorders, Oncology, Dermatology, Metabolic Disorders, Musculoskeletal Disorders, Ophthalmology, Cardiovascular, Genito Urinary System And Sex Hormones, Immunology and Toxicology which include indications Idiopathic Pulmonary Fibrosis, Liver Fibrosis, Diabetic Nephropathy, Duchenne Muscular Dystrophy, Fibrosis, Hypertrophic Scars, Non-Alcoholic Steatohepatitis (NASH), Acute Lung Injury, Age Related Macular Degeneration, Chronic Kidney Disease (Chronic Renal Failure), Cirrhosis, Fatty Liver Disease, Keloids, Kidney Fibrosis, Liver Cancer, Metabolic Syndrome, Myocardial Fibrosis, Pancreatic Cancer, Pancreatic Ductal Adenocarcinoma, Radiation Toxicity (Radiation Sickness, Acute Radiation Syndrome), Scar, Systemic Sclerosis (Scleroderma) and Wet (Neovascular/Exudative) Macular Degeneration.

The latest report Connective Tissue Growth Factor - Pipeline Review, H1 2018, outlays comprehensive information on the Connective Tissue Growth Factor (CCN Family Member 2 or Hypertrophic Chondrocyte Specific Protein 24 or Insulin Like Growth Factor Binding Protein 8 or IGFBP8 or CTGF) 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 Connective Tissue Growth Factor (CCN Family Member 2 or Hypertrophic Chondrocyte Specific Protein 24 or Insulin Like Growth Factor Binding Protein 8 or IGFBP8 or CTGF) 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



Connective Tissue Growth Factor (CCN Family Member 2 or Hypertrophic Chondrocyte Specific Protein 24 or Insulin Like Growth Factor Binding Protein 8 or IGFBP8 or CTGF)

The report reviews Connective Tissue Growth Factor (CCN Family Member 2 or Hypertrophic Chondrocyte Specific Protein 24 or Insulin Like Growth Factor Binding Protein 8 or IGFBP8 or CTGF) 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 Connective Tissue Growth Factor (CCN Family Member 2 or Hypertrophic Chondrocyte Specific Protein 24 or Insulin Like Growth Factor Binding Protein 8 or IGFBP8 or CTGF) targeted therapeutics and enlists all their major and minor projects

The report assesses Connective Tissue Growth Factor (CCN Family Member 2 or Hypertrophic Chondrocyte Specific Protein 24 or Insulin Like Growth Factor Binding Protein 8 or IGFBP8 or CTGF) 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 Connective Tissue Growth Factor (CCN Family Member 2 or Hypertrophic Chondrocyte Specific Protein 24 or Insulin Like Growth Factor Binding Protein 8 or IGFBP8 or CTGF) 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 Connective Tissue Growth Factor (CCN Family Member 2 or Hypertrophic Chondrocyte Specific Protein 24 or Insulin Like Growth Factor Binding Protein 8 or IGFBP8 or CTGF)

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 Connective Tissue Growth Factor (CCN Family Member 2 or Hypertrophic Chondrocyte Specific Protein 24 or Insulin Like Growth Factor Binding Protein 8 or IGFBP8 or CTGF) 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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RXi Pharmaceuticals Corp

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Featured News & Press Releases

Mar 01, 2018: Fibrogen Granted Fast Track Designation by U.S. FDA for Pamrevlumab

Treatment of Patients with Locally Advanced Unresectable Pancreatic Cancer

Feb 16, 2018: Prometic Announces Publication of PBI-4050's Novel Antifibrotic

Mechanism of Action in American Journal of Pathology

Jan 29, 2018: Prometics PBI-4050: Phase 3 Pivotal Clinical Trial Design For Idiopathic Pulmonary Fibrosis (IPF) Finalized

Dec 18, 2017: RXi Pharmaceuticals Announces Positive Results from Phase 2 Trial with RXI-109 for Dermal Scarring

Dec 11, 2017: Prometic's PBI-4050 Receives Promising Innovative Medicine (PIM)

Designation From The UK MHRA In The Treatment Of Idiopathic Pulmonary Fibrosis

Oct 25, 2017: Prometic Receives Fast Track Designation for PBI-4050 in Development for Idiopathic Pulmonary Fibrosis

Oct 20, 2017: Prometic Presents PBI-4050 in Vivo Data at American Association for the Study of Liver Diseases (AASLD) Meeting

Sep 25, 2017: Prometic receives FDA clearance of its IND to initiate pivotal PBI-4050 Phase 2/3 trial in patients with idiopathic pulmonary fibrosis

Sep 19, 2017: Prometic Reports Positive Clinical Data from Ongoing PBI-4050 Study in Alstrom Syndrome Patients

Sep 13, 2017: Fibrogen Presents Latest Data From Phase 2b Study of Pamrevlumab in Idiopathic Pulmonary Fibrosis at European Respiratory Society International Congress 2017

Sep 05, 2017: FibroGen Announces Pamrevlumab Oral and Poster Presentations at European Respiratory Society International Congress 2017

Aug 07, 2017: FibroGen Announces Positive Topline Results from Phase 2 Study of Pamrevlumab in Idiopathic Pulmonary Fibrosis

Jun 21, 2017: FibroGen Granted Orphan Drug Designation for Pamrevlumab in the Treatment of Pancreatic Cancer

Jun 21, 2017: RXi Pharmaceuticals Announces Completion of Enrollment of Phase 1/2 Clinical Trial with RXI-109 for Retinal Scarring

Jun 12, 2017: New data presented by Prometic at ADA's Scientific Sessions validates PBI-4050's positive impact on kidneys in patients with diabetes and metabolic syndrome Appendix



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#### **COMPANIES MENTIONED**

BLR Bio LLC FibroGen Inc ProMetic Life Sciences Inc RXi Pharmaceuticals Corp



### I would like to order

Product name: Connective Tissue Growth Factor (CCN Family Member 2 or Hypertrophic Chondrocyte

Specific Protein 24 or Insulin Like Growth Factor Binding Protein 8 or IGFBP8 or CTGF) -

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