

# Carbonic Anhydrase 9 (Carbonate Dehydratase IX or pMW1 or Membrane Antigen MN or P54/58N or Renal Cell Carcinoma Associated Antigen G250 or CA9 or EC 4.2.1.1) - Pipeline Review, H1 2018

https://marketpublishers.com/r/CD2578F71F2EN.html

Date: April 2018 Pages: 36 Price: US\$ 3,500.00 (Single User License) ID: CD2578F71F2EN

## **Abstracts**

Carbonic Anhydrase 9 (Carbonate Dehydratase IX or pMW1 or Membrane Antigen MN or P54/58N or Renal Cell Carcinoma Associated Antigen G250 or CA9 or EC 4.2.1.1) - Pipeline Review, H1 2018

### SUMMARY

Carbonic Anhydrase 9 (Carbonate Dehydratase IX or pMW1 or Membrane Antigen MN or P54/58N or Renal Cell Carcinoma Associated Antigen G250 or CA9 or EC 4.2.1.1) pipeline Target constitutes close to 9 molecules. Out of which approximately 6 molecules are developed by companies and remaining by the universities/institutes.

The latest report Carbonic Anhydrase 9 - Pipeline Review, H1 2018, outlays comprehensive information on the Carbonic Anhydrase 9 (Carbonate Dehydratase IX or pMW1 or Membrane Antigen MN or P54/58N or Renal Cell Carcinoma Associated Antigen G250 or CA9 or EC 4.2.1.1) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type.

Carbonic Anhydrase 9 (Carbonate Dehydratase IX or pMW1 or Membrane Antigen MN or P54/58N or Renal Cell Carcinoma Associated Antigen G250 or CA9 or EC 4.2.1.1) - Carbonic anhydrase 9 (CA9/CAIX) is an enzyme encoded by the CA9 gene. CA IX is a transmembrane protein and is one of only two tumor-associated carbonic anhydrase isoenzymes.



It is expressed in all clear-cell renal cell carcinoma, but is not detected in normal kidney or most other normal tissues. It participate in a variety of biological processes, including respiration, calcification, acid-base balance, bone resorption, and the formation of aqueous humor, cerebrospinal fluid, saliva, and gastric acid.

The molecules developed by companies in Phase II, Phase I, Preclinical and Discovery stages are 1, 1, 2 and 2 respectively. Similarly, the universities portfolio in Preclinical and Discovery stages comprises 2 and 1 molecules, respectively. Report covers products from therapy areas Oncology which include indications Breast Cancer, Glioblastoma Multiforme (GBM), Metastatic Melanoma, Metastatic Renal Cell Carcinoma, Pancreatic Ductal Adenocarcinoma, Recurrent Glioblastoma Multiforme (GBM), Small-Cell Lung Cancer and Solid Tumor.

Furthermore, this report also reviews key players involved in Carbonic Anhydrase 9 (Carbonate Dehydratase IX or pMW1 or Membrane Antigen MN or P54/58N or Renal Cell Carcinoma Associated Antigen G250 or CA9 or EC 4.2.1.1) targeted therapeutics development with respective active and dormant or discontinued projects.

Driven by 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 Carbonic Anhydrase 9 (Carbonate Dehydratase IX or pMW1 or Membrane Antigen MN or P54/58N or Renal Cell Carcinoma Associated Antigen G250 or CA9 or EC 4.2.1.1)

The report reviews Carbonic Anhydrase 9 (Carbonate Dehydratase IX or pMW1 or Membrane Antigen MN or P54/58N or Renal Cell Carcinoma Associated Antigen G250 or CA9 or EC 4.2.1.1) 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 Carbonic Anhydrase 9 (Carbonate Dehydratase IX or pMW1 or Membrane Antigen MN or P54/58N or Renal Cell Carcinoma Associated Antigen G250 or CA9 or EC 4.2.1.1) targeted therapeutics and enlists all their major and minor projects

The report assesses Carbonic Anhydrase 9 (Carbonate Dehydratase IX or pMW1 or Membrane Antigen MN or P54/58N or Renal Cell Carcinoma Associated Antigen G250 or CA9 or EC 4.2.1.1) 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 Carbonic Anhydrase 9 (Carbonate Dehydratase IX or pMW1 or Membrane Antigen MN or P54/58N or Renal Cell Carcinoma Associated Antigen G250 or CA9 or EC 4.2.1.1) 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 Carbonic Anhydrase 9 (Carbonate Dehydratase IX or pMW1 or Membrane Antigen MN or P54/58N or Renal Cell Carcinoma Associated Antigen G250 or CA9 or EC 4.2.1.1)



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 Carbonic Anhydrase 9 (Carbonate Dehydratase IX or pMW1 or Membrane Antigen MN or P54/58N or Renal Cell Carcinoma Associated Antigen G250 or CA9 or EC 4.2.1.1) 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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Mechanism Of Action **R&D** Progress SLC-0111 - Drug Profile **Product Description** Mechanism Of Action **R&D** Progress SLC-0121 - Drug Profile **Product Description** Mechanism Of Action **R&D** Progress Small Molecules to Inhibit Carbonic Anhydrase IX for Oncology - Drug Profile **Product Description** Mechanism Of Action **R&D** Progress Small Molecules to Inhibit Carbonic Anhydrases and MMPs for Metastatic Melanoma -**Drug Profile Product Description** Mechanism Of Action R&D Progress TX-250 - Drug Profile Product Description Mechanism Of Action R&D Progress Vaccine to Target CA9 for Oncology - Drug Profile **Product Description** Mechanism Of Action **R&D** Progress Carbonic Anhydrase 9 (Carbonate Dehydratase IX or pMW1 or Membrane Antigen MN or P54/58N or Renal Cell Carcinoma Associated Antigen G250 or CA9 or EC 4.2.1.1) -**Dormant Products** Carbonic Anhydrase 9 (Carbonate Dehydratase IX or pMW1 or Membrane Antigen MN or P54/58N or Renal Cell Carcinoma Associated Antigen G250 or CA9 or EC 4.2.1.1) -Product Development Milestones Featured News & Press Releases Jan 30, 2018: Enzyme inhibitor combined with chemotherapy delays glioblastoma growth Dec 04, 2014: SignalChem Initiates Phase 1 Clinical Trial for SLC-0111 in Solid Tumours Appendix



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#### **COMPANIES MENTIONED**

Akshaya Bio Inc SignalChem Lifesciences Corp



### I would like to order

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