

# Smoking Addiction - Pipeline Review, H2 2017

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## Abstracts

Smoking Addiction - Pipeline Review, H2 2017

### SUMMARY

Global Markets Direct's latest Pharmaceutical and Healthcare disease pipeline guide Smoking Addiction - Pipeline Review, H2 2017, provides an overview of the Smoking Addiction (Central Nervous System) pipeline landscape.

Smoking is addictive, people experience an uncontrollable dependence on cigarettes, which on stopping will cause severe mental, emotional or physical reactions. People addicted to smoking develop tolerance to nicotine. Nicotine acts on acetylcholine receptors causing the body to react to nicotine at these receptors in the same manner as it responds to acetylcholine. This leads to alterations in the activity and physiological functions of many brain systems. This causes structural and functional changes in the brains of smokers. Upon sudden nicotine withdrawal, the brain and other parts of the body get disturbed, leading to a condition called withdrawal syndrome. The body usually takes time to function in the absence of nicotine. Symptoms include anger, depression, weight gain headaches and dizziness. The effects of smoking withdrawal stem from the lack of nicotine that can be overcome by nicotine replacement therapies such as the use of nicotine patch or nicotine chewing gum.

### REPORT HIGHLIGHTS

Global Markets Direct's Pharmaceutical and Healthcare latest pipeline guide Smoking Addiction - Pipeline Review, H2 2017, provides comprehensive information on the therapeutics under development for Smoking Addiction (Central Nervous System), complete with analysis by stage of development, drug target, mechanism of action (MoA), route of administration (RoA) and molecule type. The guide covers the

descriptive pharmacological action of the therapeutics, its complete research and development history and latest news and press releases.

The Smoking Addiction (Central Nervous System) pipeline guide also reviews of key players involved in therapeutic development for Smoking Addiction and features dormant and discontinued projects. The guide covers therapeutics under Development by Companies/Universities/Institutes, the molecules developed by Companies in Phase II, Phase I, Preclinical, Discovery and Unknown stages are 7, 7, 6, 3 and 1 respectively. Similarly, the Universities portfolio in Preclinical and Discovery stages comprises 1 and 2 molecules, respectively.

Smoking Addiction (Central Nervous System) pipeline guide helps in identifying and tracking emerging players in the market and their portfolios, enhances decision making capabilities and helps to create effective counter strategies to gain competitive advantage. The guide is built using data and information sourced from Global Markets Direct's 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. Additionally, various dynamic tracking processes ensure that the most recent developments are captured on a real time basis.

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

## SCOPE

The pipeline guide provides a snapshot of the global therapeutic landscape of Smoking Addiction (Central Nervous System).

The pipeline guide reviews pipeline therapeutics for Smoking Addiction (Central Nervous System) by companies and universities/research institutes based on information derived from company and industry-specific sources.

The pipeline guide covers pipeline products based on several stages of development ranging from pre-registration till discovery and undisclosed stages.

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

The pipeline guide reviews key companies involved in Smoking Addiction (Central Nervous System) therapeutics and enlists all their major and minor projects.

The pipeline guide evaluates Smoking Addiction (Central Nervous System) therapeutics based on mechanism of action (MoA), drug target, route of administration (RoA) and molecule type.

The pipeline guide encapsulates all the dormant and discontinued pipeline projects.

The pipeline guide reviews latest news related to pipeline therapeutics for Smoking Addiction (Central Nervous System)

## **REASONS TO BUY**

Procure strategically important competitor information, analysis, and insights to formulate effective R&D strategies.

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

Find and recognize significant and varied types of therapeutics under development for Smoking Addiction (Central Nervous System).

Classify potential new clients or partners in the target demographic.

Develop tactical initiatives by understanding the focus areas of leading companies.

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

Formulate corrective measures for pipeline projects by understanding Smoking Addiction (Central Nervous System) pipeline depth and focus of Indication therapeutics.

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.

Adjust the therapeutic portfolio by recognizing discontinued projects and understand from the know-how what drove them from pipeline.

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Assessment by Mechanism of Action

Assessment by Route of Administration

Assessment by Molecule Type

Smoking Addiction - Companies Involved in Therapeutics Development

Aradigm Corp

AstraZeneca Plc

Axsome Therapeutics Inc

Bionex Pharmaceuticals LLC

Bioprojet SCR

CoMentis Inc

Embera NeuroTherapeutics Inc

Invion Ltd

Jeil Pharmaceutical Co Ltd

Johnson & Johnson

Lotus Pharmaceutical Co Ltd

NAL Pharmaceuticals Ltd

Pfizer Inc

Selecta Biosciences Inc

Sopharma AD

Zynerba Pharmaceuticals Inc

Smoking Addiction - Drug Profiles

(bupropion hydrochloride + dextromethorphan hydrobromide) - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

(metyrapone + oxazepam) - Drug Profile

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Product Description

Mechanism Of Action

R&D Progress

nadolol - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

NFL-101 - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

nicotine - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

nicotine - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

nicotine bitartrate - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

PF-06413367 - Drug Profile

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SEL-070 - Drug Profile

Product Description

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Small Molecule to Antagonize Cannabinoid Receptor for Smoking Addiction - Drug Profile

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Product Description

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R&D Progress

Small Molecules to Antagonize CHRNA3 and CHRNB4 for Smoking Cessation - Drug Profile

Product Description

Mechanism Of Action

R&D Progress

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Product Description

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Product Description

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R&D Progress

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Featured News & Press Releases

May 11, 2017: Selecta Biosciences Commences Dosing in Phase 1 Clinical Trial of Nicotine Vaccine for Smoking Cessation and Relapse Prevention

Oct 20, 2016: OWC Pharmaceutical Research Completes Development of Its Medical Cannabis Sublingual Tablet



Nov 17, 2015: Invion Phase 2 Smoking Cessation Data: Results of Ongoing Analysis

Oct 05, 2015: Invion Successfully Completes Phase 2 Study of INV102 to Aid Smoking Cessation

Jun 29, 2015: Invion completes dosing in key phase II clinical trial of oral INV102 in smoking cessation

Feb 02, 2015: Invion completes enrolment in its phase II trial of oral INV102 (nadolol) in smoking cessation

Jan 19, 2015: Invion Announces Positive Interim Data from Its Phase II Clinical Trial of Oral Inv102 (nadolol) in Smoking Cessation

Jul 01, 2014: Embera NeuroTherapeutics to Receive Grant for Clinical Trial Through New Crowd Funding Platform

Jan 29, 2014: FDA clears path for "Smoking Cessation" clinical trial of INV102 (nadolol)

Nov 11, 2013: Change to FDA reviewing division for smoking cessation clinical trial

Jul 22, 2013: INVION ANNOUNCES COMMENCEMENT OF PHASE II CHRONIC BRONCHITIS CLINICAL TRIAL

Dec 19, 2012: Invion Provides Update On INV102 Phase II Clinical Programs

Oct 17, 2012: Nabi Biopharma's Phase II Study Of NicVAX In Combination With Varenicline Does Not Meet Primary Endpoint

Mar 16, 2012: Embera And Collaborators Publish Paper In Psychopharmacology Supporting EMB-001 For Smoking Cessation

Jan 12, 2012: Inverseon Focuses On Smoking Cessation As Initial Indication For INV102

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Aradigm Corp  
AstraZeneca Plc  
Axsome Therapeutics Inc  
Bionex Pharmaceuticals LLC  
Bioprojet SCR  
CoMentis Inc  
Embera NeuroTherapeutics Inc  
Invion Ltd  
Jeil Pharmaceutical Co Ltd  
Johnson & Johnson  
Lotus Pharmaceutical Co Ltd  
NAL Pharmaceuticals Ltd  
Pfizer Inc  
Selecta Biosciences Inc  
Sopharma AD  
Zynerba Pharmaceuticals Inc

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