

# 2018 Celiac (Coeliac) Disease Drug Development-Pipeline Analysis Report

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# **Abstracts**

Celiac disease is genetic autoimmune disorder caused by incomplete digestion of gluten, which results in toxic peptides leading to inflammation, pain, diarrhea and cramps in abdomen. It affects around 1-3% population globally and around 3 million people in the US with the mean duration for diagnosis being 4 years in the country.

The condition can be diagnosed through blood serum, genetic and biopsy tests. As no approved treatments are available, patients opt for gluten-free diet despite their high costs and lack of taste. Further, despite the gluten free diet, patients continue to suffer problems due to traces of gluten in the gastrointestinal system. Celiac disease is a life time condition and if left untreated, the small intestine (particularly, villi) can be damaged along with several secondary diseases such as osteoporosis, infertility, neurological conditions.

Celiac Disease pipeline comprises of 24 active drugs under active development as of April 2018. Of these, 4 drugs are in Phase 1 and 4 drugs in phase 2. None of the drugs have progressed to Phase 3. Further, 12 drugs are in Pre-clinical stage, 4 drugs in research/discovery stages.

42 companies are developing the pipeline for Celiac Disease. Of this, Takeda Pharmaceutical, ImmunogenX, Innovate Biopharmaceuticals and Amgen have the most advanced compounds in pipeline. Mechanism of Action of most of the therapeutic candidates is Immunomodulators.

To assist researchers and funding and regulatory organizations, VPA Research has come up with a comprehensive report on Pre-eclampsia pipeline. The report provides insights into different therapeutic candidates in preclinical, research, discovery, NDA/IND, pre registration, phase 1, phase 2, and phase 3 trials). Drugs under



development directly and through combination with other drugs are also included.

Current status, developmental phase, participating companies and entities, recent developments, orphan drug/fast track/other designations, drug class are provided for each Pre-eclampsia pipeline product. Mechanism of Action and the target area of the pipeline product are also provided. Further, clinical and preclinical trials along with results of the trials are also included in the report.

In addition to complete details of each product, the report provides key trends in Preeclampsia pipeline studies. The products under development are categorized according to their development phase, mechanism and company to provide detailed insights into the type of drugs being developed and the stages of development.



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