

**Zydus announces data presentations on ZYDPLA1 “A once-weekly small molecule DPP-IV inhibitor for treating diabetes”, at the ENDO conference in Chicago, Illinois, USA.**

Ahmedabad, India June 9, 2014

The Zydus group will be presenting data on its molecule ZYDPLA1 a novel compound in the Gliptin class of anti-diabetic agents during the joint meeting of the International Society of Endocrinology and the Endocrine Society: ICE/ENDO 2014 to be held from June 21-24, 2014 in Chicago, Illinois.

ZYDPLA1, currently in Phase I clinical evaluation in USA, is an orally active, small molecule NCE, discovered and developed by the Zydus Research Centre. ZYDPLA1 works by blocking the enzyme Dipeptidyl Peptidase-4 (DPP-4), which inactivates the Incretin hormone GLP-1. By increasing the GLP-1 levels, ZYDPLA1 glucose-dependently increases insulin secretion. This results in an overall improvement in the glucose homeostasis, including reduction in HbA1c and blood sugar levels.

The Chairman & Managing Director of Zydus, Mr. Pankaj R. Patel said, “Currently, all available DPP-4 inhibitors are dosed once-daily. ZYDPLA1 with a once-a-week dosing regimen would provide diabetic patients with a more convenient treatment alternative. ZYDPLA1 will offer sustained action, which will result in an improved efficacy profile.”

The abstract of Poster Number: LB-PP02-4 can also be viewed on the ENDO web program at <https://endo.confex.com/endo/2014endo/webprogram/authora.html>. The Poster Preview is scheduled on Sunday, June 22, 2014 at McCormick Place West.

The number of diabetics in the world is estimated to be over 360 million. In 2025 nearly half of the world's diabetic population will be from India, China, Brazil, Russia and Turkey. The sales of the DPP IV inhibitors is expected to peak at almost \$14 billion by 2022. Research in the field of anti-diabetic therapy seeks to address the problems of hypoglycemia, GI side effects, lactic acidosis, weight gain, CV risks, edema, potential immunogenicity etc., which pose a major challenge in the treatment of diabetes.

### **About Zydus**

Headquartered in Ahmedabad, India, Zydus Cadila is an innovative, global pharmaceutical company that discovers, manufactures and markets a broad range of healthcare therapies. The group employs over 16,000 people worldwide including over 1100 scientists engaged in R & D and is dedicated to creating healthier communities globally. As a leading healthcare provider, it aims to become a global research-based pharmaceutical company by 2020. The group has a strong research pipeline of NCEs, biologics and vaccines which are in various stages of clinical trials including late stage.

### **About Zydus Research Centre**

The Zydus Research Centre has over 20 discovery programmes in the areas of cardio-metabolic disorders, pain, inflammation and oncology. Zydus has in-house capabilities to conduct discovery research from concept to IND-enabling pre-clinical development and human proof-of-concept clinical trials. The Zydus Research group had identified and developed Lipaglyn™ (Saroglitazar) which has now become India's first NCE to reach the market. Lipaglyn™ is a breakthrough therapy in the treatment of diabetic dyslipidemia and Hypertriglyceridemia. The company recently announced the commencement of Phase III trials of Lipaglyn™ (Saroglitazar) in patients suffering from Lipodystrophy.