

TECHNOLOGY DEVELOPMENT BOARD
[A STATUTORY BODY OF THE DEPARTMENT OF SCIENCE & TECHNOLOGY]

Technology Development Board has entered into an agreement on 28th March, 2017 with M/s DiabetOmics Medical (P) Ltd, Hyderabad for financial assistance for a project title “Manufacture and Commercialization of Novel, Innovative, Point-Of-Care Diagnostic Tests for Monitoring of Diabetes”.

DiabetOmics has developed innovative, novel, point-of-care tests for the monitoring of Gestational Diabetes (GDM), Pre-eclampsia (PE), Type 2 Diabetes and Autoimmune Diabetes. The project for which TDB financial assistance has been provided relates to the manufacture and commercialisation of these point-of-care tests. The company has multiple national and global patents on those.

DiabetOmics has adopted the tests to a lateral flow format enabling performance with very minimal equipment at the point of care. “**Lumella**” – point-of-care test for Pre-eclampsia and Gestational Diabetes uses a drop of blood from finger prick to quantify the levels of “Glycosylated Fibronectin” a novel biomarker that helps to triage pregnant women at risk of developing Pre-eclampsia and GDM in their pregnancy.

Insudex is rapid, point-of-care test for detection of auto antibodies in patients with Type-I Diabetes. This test utilises lateral flow technology; and is based on finger prick sample for detection of common antibodies such as GAD 65, Insulin Antibodies and Islet Cell Antibodies seen in patients with Type 1 Diabetes.

Glucema is a non-invasive, saliva based test for assessing glycemic control in patients with Type 2 Diabetes. It uses a drop of saliva to measure the levels of glycosylation on salivary proteome to provide an index of glycemic control over a 2 week period.

DiabetOmics is in the process of setting up a high throughput manufacturing unit for assembly of hand held readers and test kits at Toopran Mandal, Medak Dist., Telangana.

TDB financially supports #M/s DiabetOmics for development of three point-of-care tests for # Diabetes 1 & 2 and # Pre-eclampsia



Exchanging the Loan Agreement with M/S DiabetOmics Medical (P) Ltd, Hyderabad