

Ref No.: MRIC/CRIGS-A32	TITLE: Establishment of a new diagnostic method for detection of non-solid tumors in Mauritius	
Priority Area: Life Sciences (including Health, Medical, Pharmaceutical and Biotechnology)		
NAME OF LOCAL COMPANY: Centre International de Développement Pharmaceutique (CIDP)		
Collaborating Institution: University of Technology, Mauritius		
PROJECT LEADER		
Name: Dr Veronique NEWTON		Company: Centre International de Développement Pharmaceutique (CIDP)
RESEARCH COLLABORATOR(S)		
Name		Organisation
Dr Manish Putteeraj Dr Meera Jhoti SOMANAH-BHUGOWANDEEN Dr Nardawoo JAYPAUL		University of Technology, Mauritius University of Technology, Mauritius University of Technology, Mauritius
TECHNICAL ABSTRACT		
<p>Childhood acute lymphoblastic leukemia (ALL) is a malignant disease or cancer of the blood that affects in Mauritius 20-30 new children per year. ALL is the most common type of cancer in children. Immunophenotyping which is essential for the diagnosis of ALL is still lacking in Mauritius and as a consequence all samples are sent abroad for the diagnosis of ALL. CIDP has a powerful flow cytometer which is unique in the island and which allows in vitro diagnosis, is CE compliant and most importantly is capable of immunophenotyping, thus allowing diagnosis of non-solid tumors. This method is rapid, reliable and efficient. In collaboration with the University of Technology and the Ministry of health of Mauritius, we would like to set up the protocols using the flow cytometer for diagnosis of non-solid tumors in Mauritius.</p>		
Key Words: Novel, Diagnosis, flow cytometer, ALL		