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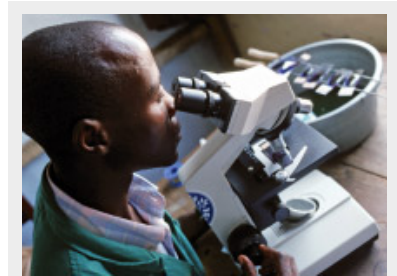
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Diagnostics in developing countries improve Quick, easy and cheap research focus

Toronto (Pte/04.05.2010/06: 05) - Worldwide, nine million children die annually before reaching their fifth birthday. The new Canadian initiative "Grand Challenges Canada"

<http://www.grandchallenges.ca> would save in developing countries with simple but effective means of human life. This is a fast, easy, inexpensive and accurate diagnosis for patients - even in remote areas - are made possible.



Global networking will save lives (Photo grandchallenges.ca:)

"In developing countries, many tools are not available," said Peter Singer, CEO of Grand Challenges Canada and Director of the McLaughlin-Rotman Centre for Global Health in the press-text interview. "If a child has a fever, it is not diagnosed quickly enough, whether it is influenza, pneumonia or malaria is," said the expert. Each of these diseases, however, require a different medication. "This means that we urgently need rapid tests that are available even in remote villages."

Innovations save lives

According to a recently published study could be a suitable trial malaria save more than 100,000 lives annually and save an additional 365 million treatments false. This would not only reduce costs but also reduce the resistance to drugs and provide medicines for those who really need. The Canadian government is contributing 221 million dollars for the next five years on the project.

"One of the biggest problems is the right diagnosis to begin with effective treatment," said Singer. This means that there is the right technical tools to assess quickly, cheaply and easily, which lacks an actual patient. "The diagnosis is the start of a successful treatment," the expert said.

"If the diagnostic tools are brought to the bedside of patients, there are better ways to lower costs and faster healing than about sending a sample in a 100 km distant lab," says Singer. "Grand Challenges Canada will cooperate with the Bill & Melinda Gates Foundation to achieve a breakthrough in this field."

Structured help as the only way

As a first step grand challenges Canada will explore the challenges that is necessary for implementation. Then we will respond in the second step with funding and support researchers worldwide in order to solve the problems. Contacts are also scientists in developing countries. "For they know the problem from another angle," explains the scientist.

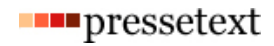
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In the third step - as soon as solutions were found - looking for donors to both the private sector as well as philanthropists. The funding will target those people who need them most. There is a new initiative, as it combines various elements such as scientific, technological, social and economic innovation. (End)



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