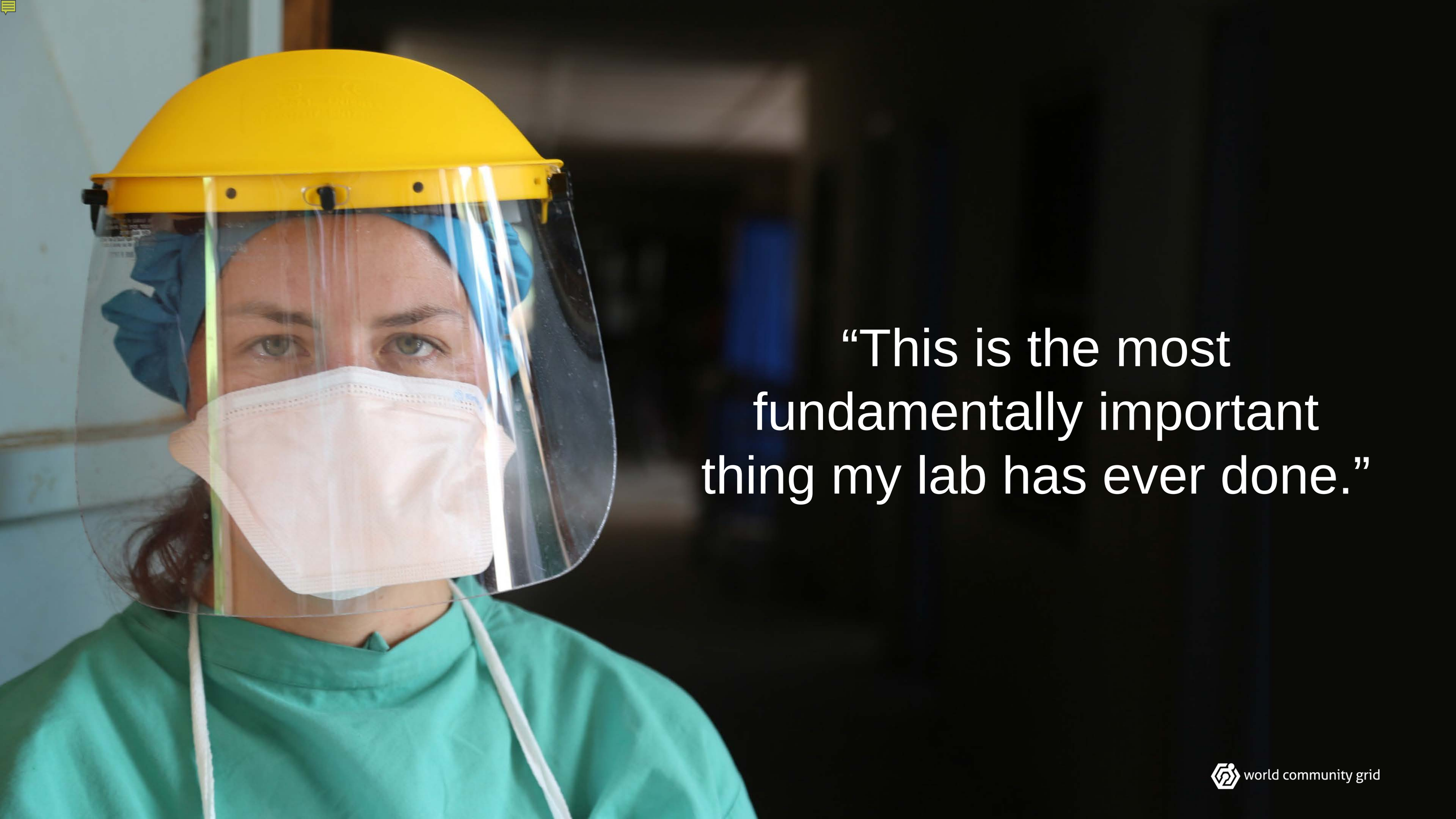
World Community Grid

world community grid

IBM


“This is the most fundamentally important thing my lab has ever done.”
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Dr. Erica Ollmann Saphire, one of the world’s leading Ebola virus experts, wanted to design a breakthrough drug to fight this deadly disease.
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She just lacked the
computing power
to begin her research.
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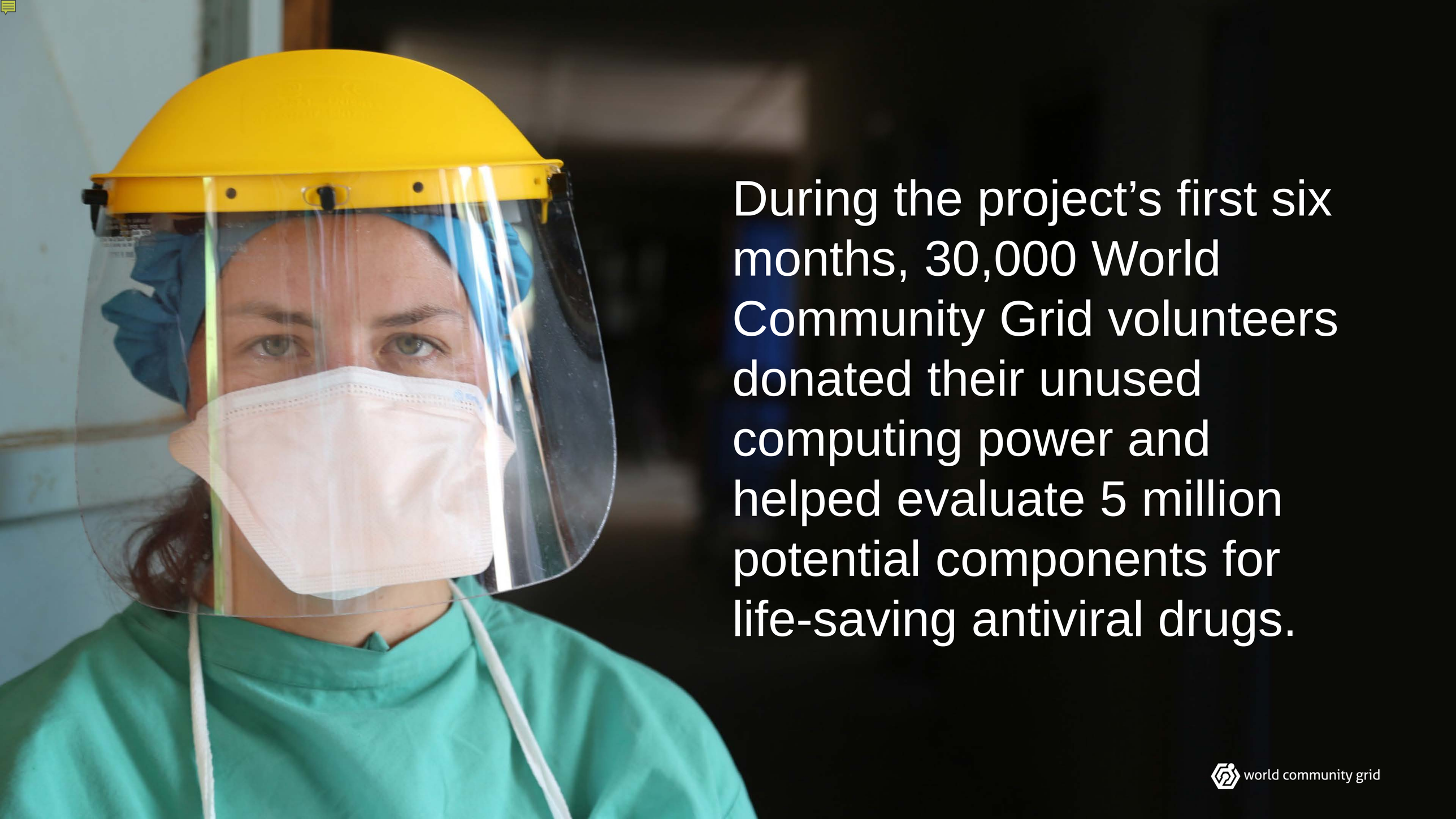

During the project’s first six months, 30,000 World Community Grid volunteers donated their unused computing power and helped evaluate 5 million potential components for life-saving antiviral drugs.

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World Community Grid is an IBM **philanthropic initiative** that enables anyone with a computer or Android device to donate unused processing power to scientific research on **health**, **poverty** and **sustainability**.

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World Community Grid
brings together organizational partners
and volunteers from around the
globe to share the load.

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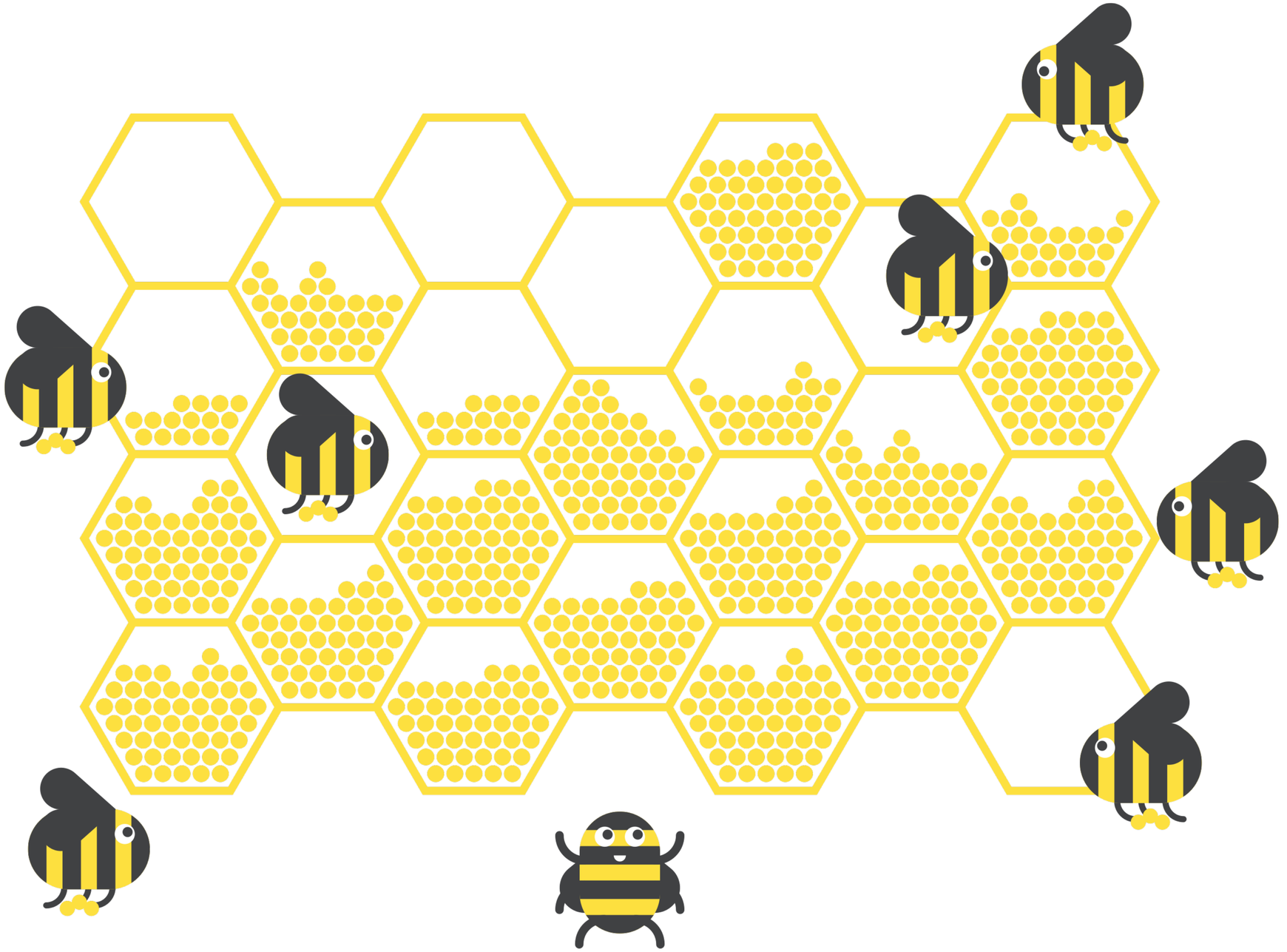

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One big idea.
Millions of tiny experiments.
One big impact.

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World Community Grid partners help lay the groundwork for life-changing scientific research.

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A potential cancer treatment free of side effects
with Dr. Akira Nakagawara at the Chiba Cancer Center
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Clean water for everyone
with researchers at Tsinghua University
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More efficient forms of solar energy

with Dr. Alan Aspuru-Guzik
at Harvard University

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Become a partner organization
and start supporting humanitarian
research happening around the globe.
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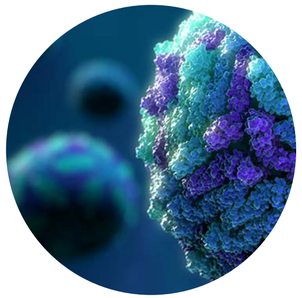
Microbiome Immunity Project

Broad Institute of MIT and Harvard, USA

Smash Childhood Cancer

Saga Medical Center, Japan



OpenZika

Universidade Federal de Goiás, Brazil

Help Stop TB

University of Nottingham, UK

Outsmart Ebola Together

Scripps Research Institute, USA

Mapping Cancer Markers

Princess Margaret Cancer Center, Canada

FightAIDS @Home

Scripps Research Institute, USA

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We believe information that
has the potential to improve lives
should be freely available to everyone.

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730,000+
volunteers

430
organizations

3 million
computers and
Android devices

2 million
scientific
calculations
per day

1 million years
of computing
power

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Serving Science with IBM Time, Technology, and Talent

Software

IBM MQ
IBM WebSphere Application Server
IBM DB2
IBM Urban Code Deploy
IBM Spectrum Scale FPO

Services

IBM Security X-Force
IBM Design
IBM Cloud (SoftLayer)
IBM BlueCloud
IBM GBS Engineering

Methodologies

IBM Design Thinking
Agile/Scrum
DevOps

“Your spare computing power could help fight Zika.”

The Atlantic

USA TODAY A GANNETT COMPANY

The INDEPENDENT

NATIONAL GEOGRAPHIC

The Telegraph

CNBC

FAST COMPANY

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