

**About our guest****Melissa Wu, PhD**

CEO and Co-founder, Seeding Labs

SPEAKING OF
MOL BIO

Seeding scientific equity through access

Season 3, Episode 17

Episode notes

In this episode of Speaking of Mol Bio, host Steve Lewis speaks with Dr. Melissa Wu, co-founder and CEO of Seeding Labs, a nonprofit that's redefining global scientific access. Dr. Wu shares the inspiring story of how [Seeding Labs](#) helps institutions in developing nations build research infrastructure by redistributing surplus laboratory equipment from partners like [Thermo Fisher Scientific](#).

With an innovative model that connects equipment donors in the global North with universities and institutes across Africa, Asia, and Latin America, Seeding Labs enables groundbreaking science in places where opportunity is limited but talent is abundant. Dr. Wu highlights examples like the Malawi University of Science and Technology, whose graduates are now staffing the country's first hospital microbiology labs, and a Beninese research team using donated PCR equipment to improve the yield of indigenous crops like the miracle berry.

More than a logistics operation, Seeding Labs is also fostering scientific networks, reversing brain drain, and giving researchers confidence, courage, and agency. Dr. Wu offers a compelling vision of an equitable global scientific ecosystem, and shares how listeners can get involved—whether by [donating equipment](#), [funds](#), or simply [spreading the word](#).

“Seeding Labs comes out of the belief that science is transformative but also understanding that globally science is not benefiting everyone. What we do is we mobilize resources for science to developing countries so that every community, every country, has access to this incredibly powerful tool and can use their experiences to find solutions for their communities.”

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