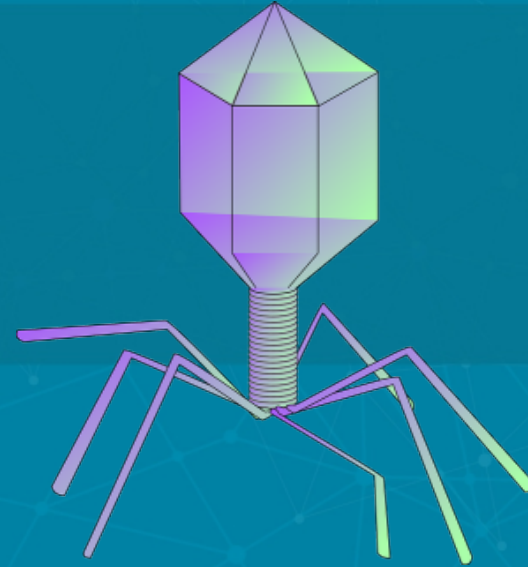
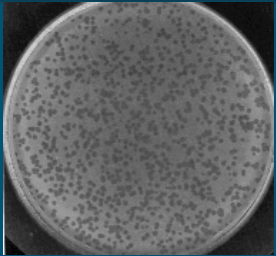




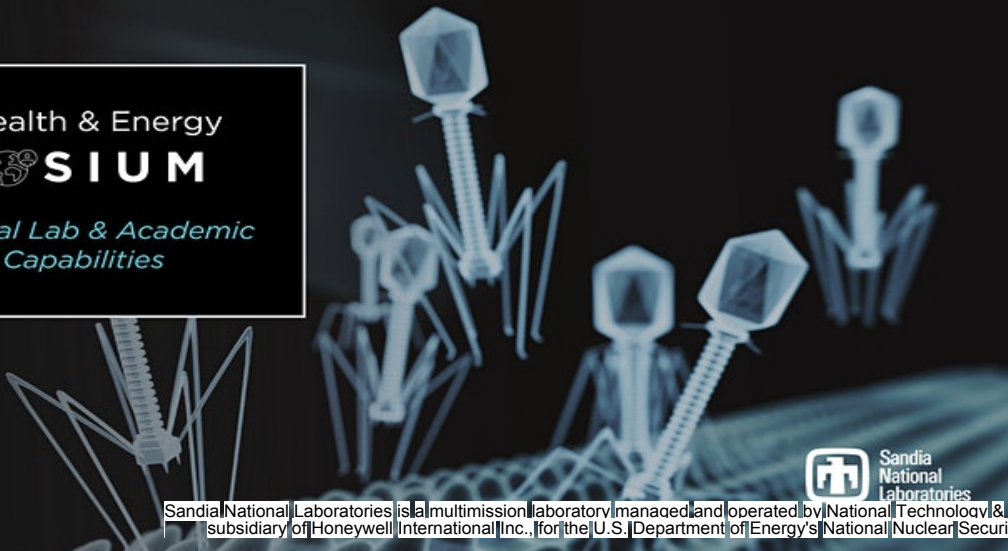
Phages for Health & Energy Symposium



Phages for Health & Energy

SYMPOSIUM

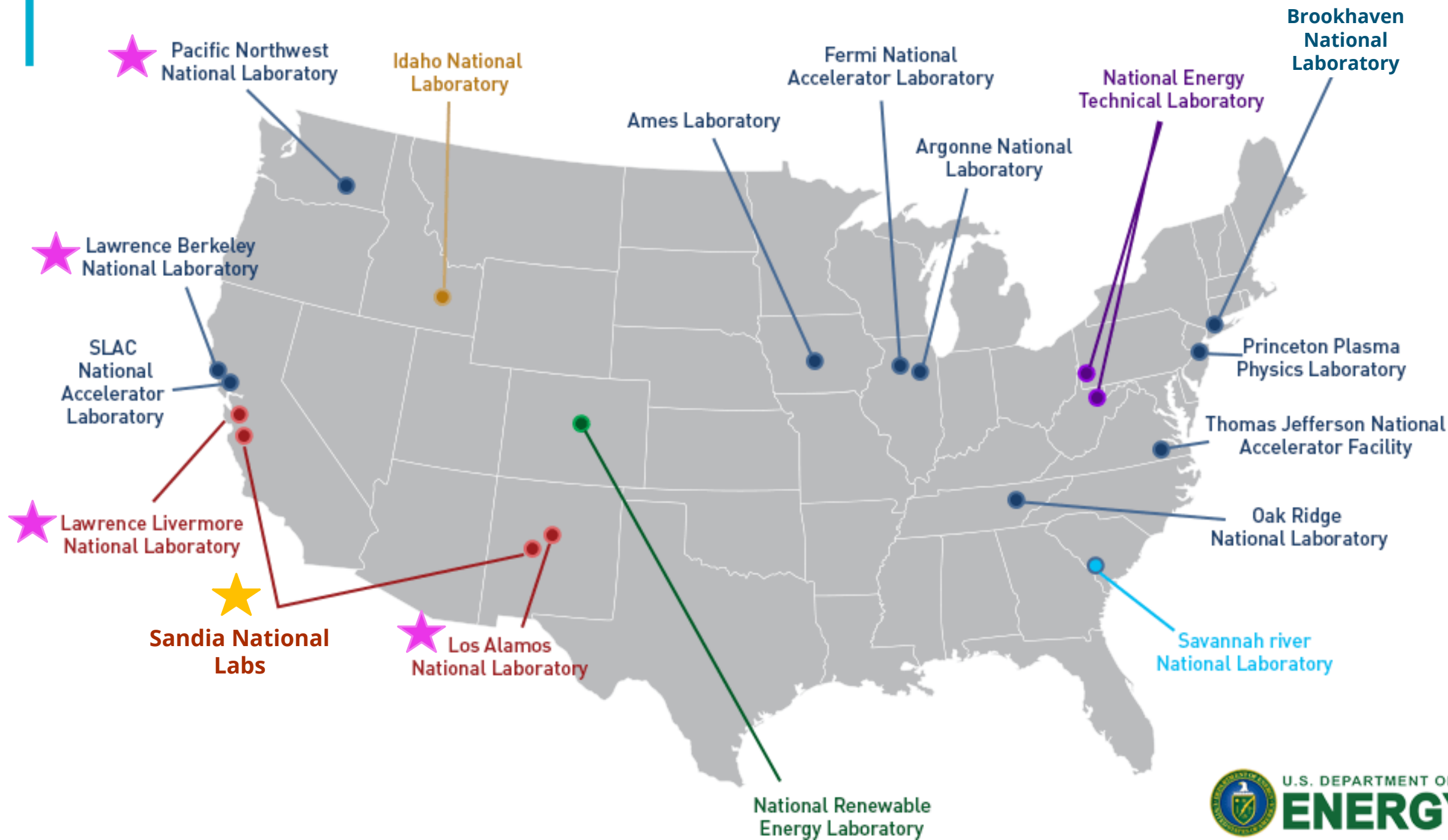
*Bridging National Lab & Academic
Research Capabilities*



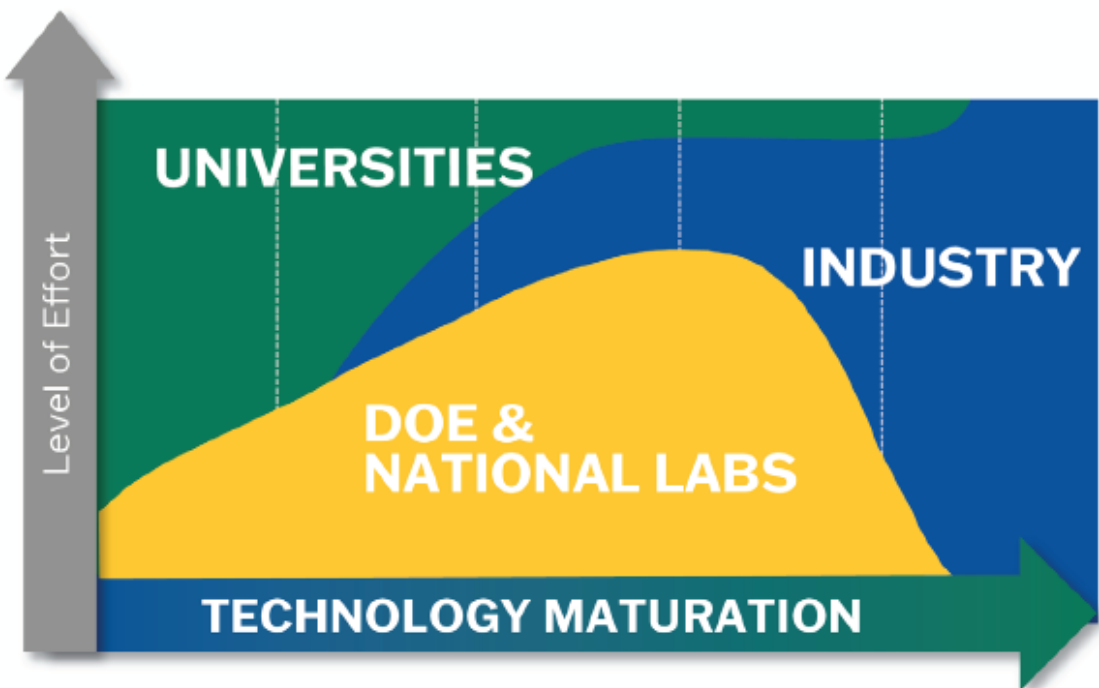
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To foster collaborations between academic and national lab efforts in phage research.

Academia: 57 // National Labs: 35 // DOE: 5 // Other: 5



DOE NATIONAL LABORATORIES' RELATIONSHIP TO UNIVERSITIES & INDUSTRY IN THE INNOVATION SYSTEM



COMMERCIALIZATION

Technology available
for large-scale market use

DEMONSTRATION

System demonstrated
in operational environment

SYSTEM TESTING

System performance
confirmed at pilot-scale

DEVELOPMENT

Technology component
validated/integrated

DISCOVERY

Concept identified/proven at
laboratory-scale



U.S. DEPARTMENT OF
ENERGY

To foster collaborations between academic and national lab efforts in phage research.



THURSDAY, SEPTEMBER 23, 2021

All times in MDT.

PHAGE ECOLOGY

9:00-9:10	Opening Remarks
9:10-9:40	Britt Koskella, <i>UC Berkeley</i>
9:40-9:50	Gareth Trubl, <i>Lawrence Livermore National Lab</i>
9:50-10:00	Joanne Emerson, <i>UC Davis</i>
10:00-10:10	Kim Seed, <i>UC Berkeley</i>
10:10-10:20	Break
10:20-10:30	Basem Al-Shayeb, <i>UC Berkeley</i>
10:30-10:40	Karthik Anantharaman, <i>UW Madison</i>
10:40-11:10	Ruonan Wu, <i>Pacific Northwest National Lab</i>
11:10-11:40	Catherine Mageeney, <i>Sandia National Labs</i>
11:40-12:00	Open Discussion



PHAGE BIOINFORMATICS

9:00-9:05	Opening Remarks
9:05-9:35	Kelly Williams, <i>Sandia National Labs</i>
9:35-10:05	Simon Roux, <i>Lawrence Berkeley National Lab</i>
10:05-10:15	Katelyn McNair, <i>San Diego State University</i>
10:15-10:25	Stephanie Malfatti, <i>Lawrence Livermore National Lab</i>
10:25-10:35	Break
10:35-10:45	Migun Shakya, <i>Los Alamos National Lab</i>
10:45-10:55	Rebecca Wattam, <i>University of Virginia</i>
10:55-11:25	Jason Gill, <i>Texas A&M</i>
11:25-11:45	Open Discussion
11:45-12:30	Lunch Break

PHAGE ENGINEERING

12:30-1:00	Bryan Lenneman, <i>MIT</i>
1:00-1:10	Rebekah Dedrick, <i>University of Pittsburgh</i>
1:10-1:20	Ahmed Badran, <i>The Scripps Research Institute</i>
1:20-1:30	Jesse Cahill, <i>Sandia National Labs</i>
1:30-1:40	Break
1:40-2:10	Asma Hatoum-Aslan, <i>University of Illinois</i>
2:10-2:20	Andrew Ellington, <i>University of Texas</i>
2:20-2:30	Richard Novick, <i>New York University</i>
2:30-2:50	Open Discussion
2:50-3:00	Closing Remarks