

A hand is shown holding a tablet computer. The screen displays a complex visualization of genetic data, featuring a grid of colored squares in shades of green, pink, and brown, overlaid on a faint grid. The background is a solid dark red color. The text 'GENETIC LIBRARY OPEN TO THE WORLD' is overlaid in a large, bold, yellow font at the bottom of the image.

**GENETIC LIBRARY
OPEN TO THE WORLD**

1
00:00:04,630 --> 00:00:01,670
with gene lab

2
00:00:06,630 --> 00:00:04,640
once the data is is made available to us

3
00:00:13,589 --> 00:00:06,640
it's posted on the world and it's

4
00:00:17,990 --> 00:00:15,190
the research that's been conducted on

5
00:00:19,990 --> 00:00:18,000
iss can be revisited so those very

6
00:00:21,109 --> 00:00:20,000
valuable experiments that were flown in

7
00:00:23,349 --> 00:00:21,119
space

8
00:00:25,990 --> 00:00:23,359
once this data is now open and anyone

9
00:00:28,150 --> 00:00:26,000
has access to it other people can look

10
00:00:30,390 --> 00:00:28,160
at that space flight data and do and do

11
00:00:32,630 --> 00:00:30,400
useful things with it and that's why

12
00:00:33,720 --> 00:00:32,640
that's that's what the openness means to

13
00:00:36,870 --> 00:00:33,730

me

14

00:00:39,670 --> 00:00:36,880

[Music]

15

00:00:42,630 --> 00:00:39,680

he would like to see that data

16

00:00:44,389 --> 00:00:42,640

be useful for hypotheses and for

17

00:00:45,670 --> 00:00:44,399

experiments that have not yet been

18

00:00:47,590 --> 00:00:45,680

conceived

19

00:00:50,549 --> 00:00:47,600

the researchers are being asked to go

20

00:00:52,950 --> 00:00:50,559

and do just that with gene lab data to

21

00:00:56,310 --> 00:00:52,960

come up with those new hypotheses and

22

00:00:58,150 --> 00:00:56,320

and use that data to produce new results

23

00:01:00,470 --> 00:00:58,160

we're struggling to try to make sure

24

00:01:03,110 --> 00:01:00,480

that we capture enough of the metadata