

WEBVTT

NOTE duration:"00:15:13"

NOTE recognizability:0.778

NOTE language:en-us

NOTE Confidence: 0.85887223

00:00:17.320 --> 00:00:19.045 Welcome back, this session is

NOTE Confidence: 0.85887223

00:00:19.045 --> 00:00:20.350 being recorded. Thank you.

NOTE Confidence: 0.94102127

00:00:23.620 --> 00:00:25.240 Hi, my name is Michael Kaplan.

NOTE Confidence: 0.94102127

00:00:25.240 --> 00:00:27.774 I'm chair of the Department of Cellular

NOTE Confidence: 0.94102127

00:00:27.774 --> 00:00:29.785 and Molecular Physiology at Yale and

NOTE Confidence: 0.94102127

00:00:29.785 --> 00:00:31.801 it's my great pleasure to introduce our

NOTE Confidence: 0.94102127

00:00:31.865 --> 00:00:33.958 next speaker which is Doctor Chen Lu,

NOTE Confidence: 0.94102127

00:00:33.960 --> 00:00:36.552 MD, PhD, who's the Anthony and

NOTE Confidence: 0.94102127

00:00:36.552 --> 00:00:38.280 Brady Professor of Pathology,

NOTE Confidence: 0.94102127

00:00:38.280 --> 00:00:40.194 the Chair of Pathology and the

NOTE Confidence: 0.94102127

00:00:40.194 --> 00:00:41.840 Chief of Pathology at Yale,

NOTE Confidence: 0.94102127

00:00:41.840 --> 00:00:43.500 New Haven Hospital in the

NOTE Confidence: 0.94102127

00:00:43.500 --> 00:00:44.828 Yale School of Medicine.

NOTE Confidence: 0.94102127

00:00:44.830 --> 00:00:47.020 Chen is an expert in hepatitis
NOTE Confidence: 0.94102127

00:00:47.020 --> 00:00:49.588 and in liver tumors and his topic
NOTE Confidence: 0.94102127

00:00:49.588 --> 00:00:51.646 today is going to be tissue
NOTE Confidence: 0.94102127

00:00:51.646 --> 00:00:53.748 based diagnosis and research.
NOTE Confidence: 0.94102127

00:00:53.750 --> 00:00:54.210 Chen.
NOTE Confidence: 0.9346775

00:00:55.410 --> 00:00:58.502 Thank you Mike. Thank
NOTE Confidence: 0.9346775

00:00:58.502 --> 00:01:00.430 you for the introduction.
NOTE Confidence: 0.880183716666667

00:01:08.510 --> 00:01:11.710 OK, you see my slides right. Good.
NOTE Confidence: 0.856199921176471

00:01:14.390 --> 00:01:17.620 OK, first of all, I want to thank Mike and
NOTE Confidence: 0.856199921176471

00:01:17.706 --> 00:01:20.786 Mario for the opportunity to speak here.
NOTE Confidence: 0.856199921176471

00:01:20.790 --> 00:01:23.630 So although I would like to speak today
NOTE Confidence: 0.856199921176471

00:01:23.630 --> 00:01:26.490 is about this new entity, it's called
NOTE Confidence: 0.856199921176471

00:01:26.490 --> 00:01:28.690 Youth School Medicine Ball repository.
NOTE Confidence: 0.856199921176471

00:01:28.690 --> 00:01:30.850 So with the approval from D.
NOTE Confidence: 0.856199921176471

00:01:30.850 --> 00:01:34.035 Nancy Brown. So this why I signed
NOTE Confidence: 0.856199921176471

00:01:34.035 --> 00:01:36.429 repository is officially in business.

NOTE Confidence: 0.856199921176471
00:01:36.430 --> 00:01:38.250 So the goal for this,
NOTE Confidence: 0.856199921176471
00:01:38.250 --> 00:01:42.520 the bar repository is to establish a
NOTE Confidence: 0.856199921176471
00:01:42.520 --> 00:01:45.270 coordinated biorepository that that allows
NOTE Confidence: 0.856199921176471
00:01:45.270 --> 00:01:48.480 for the alignment of collected tissue,
NOTE Confidence: 0.856199921176471
00:01:48.480 --> 00:01:51.115 plasma serum and genetic samples
NOTE Confidence: 0.856199921176471
00:01:51.115 --> 00:01:54.515 and clinical data and using common
NOTE Confidence: 0.856199921176471
00:01:54.515 --> 00:01:57.187 process and information system.
NOTE Confidence: 0.856199921176471
00:01:57.190 --> 00:02:01.166 So the here are the five listed five
NOTE Confidence: 0.856199921176471
00:02:01.166 --> 00:02:04.379 major goals for the YM Bowery Pastor.
NOTE Confidence: 0.856199921176471
00:02:04.379 --> 00:02:07.620 For his two support overall by medical
NOTE Confidence: 0.856199921176471
00:02:07.710 --> 00:02:10.758 research and clinical trials on Yale
NOTE Confidence: 0.856199921176471
00:02:10.758 --> 00:02:13.625 campus and the others support focused
NOTE Confidence: 0.856199921176471
00:02:13.625 --> 00:02:15.509 research and clinical programs.
NOTE Confidence: 0.856199921176471
00:02:15.510 --> 00:02:18.870 That's including PPG's centers, et cetera.
NOTE Confidence: 0.856199921176471
00:02:18.870 --> 00:02:21.102 I think that's where the liver
NOTE Confidence: 0.856199921176471

00:02:21.102 --> 00:02:23.109 center could be part of it,
NOTE Confidence: 0.856199921176471

00:02:23.110 --> 00:02:25.110 and then to serve community
NOTE Confidence: 0.856199921176471

00:02:25.110 --> 00:02:25.910 health initiatives.
NOTE Confidence: 0.856199921176471

00:02:25.910 --> 00:02:27.370 In other words, we will.
NOTE Confidence: 0.856199921176471

00:02:27.370 --> 00:02:32.106 Be ready and to help some community health
NOTE Confidence: 0.856199921176471

00:02:32.106 --> 00:02:35.298 initiative and then this is become a
NOTE Confidence: 0.856199921176471

00:02:35.298 --> 00:02:38.703 school's asset to enable development of
NOTE Confidence: 0.856199921176471

00:02:38.703 --> 00:02:41.875 innovative diagnostics and therapeutics.
NOTE Confidence: 0.856199921176471

00:02:41.880 --> 00:02:43.124 And finally,
NOTE Confidence: 0.856199921176471

00:02:43.124 --> 00:02:46.234 and this repositior will advocate
NOTE Confidence: 0.856199921176471

00:02:46.234 --> 00:02:48.823 for systemized and standardize
NOTE Confidence: 0.856199921176471

00:02:48.823 --> 00:02:52.555 how we release and accurate human
NOTE Confidence: 0.856199921176471

00:02:52.555 --> 00:02:55.300 specimens and data at Yale.
NOTE Confidence: 0.856199921176471

00:02:55.300 --> 00:02:57.694 So this is the scope of the
NOTE Confidence: 0.856199921176471

00:02:57.694 --> 00:03:00.220 work in the YMCA repository.
NOTE Confidence: 0.856199921176471

00:03:00.220 --> 00:03:04.238 One is General General Bowl banking intake,

NOTE Confidence: 0.856199921176471
00:03:04.240 --> 00:03:04.814 acquisition,
NOTE Confidence: 0.856199921176471
00:03:04.814 --> 00:03:05.388 processing,
NOTE Confidence: 0.856199921176471
00:03:05.388 --> 00:03:07.110 storage and distribution.
NOTE Confidence: 0.856199921176471
00:03:07.110 --> 00:03:09.420 That's the basic function of the
NOTE Confidence: 0.856199921176471
00:03:09.420 --> 00:03:11.490 power repository and the other
NOTE Confidence: 0.856199921176471
00:03:11.490 --> 00:03:13.785 very important section of this
NOTE Confidence: 0.856199921176471
00:03:13.785 --> 00:03:15.621 file repository is investigator
NOTE Confidence: 0.856199921176471
00:03:15.695 --> 00:03:17.787 initiated or program initiated.
NOTE Confidence: 0.856199921176471
00:03:17.790 --> 00:03:20.466 The tissue banking you have heard
NOTE Confidence: 0.856199921176471
00:03:20.466 --> 00:03:23.103 from Mario and there is really
NOTE Confidence: 0.856199921176471
00:03:23.103 --> 00:03:25.395 liver cancer or a bank and.
NOTE Confidence: 0.856199921176471
00:03:25.400 --> 00:03:27.230 That within the liver sender.
NOTE Confidence: 0.856199921176471
00:03:27.230 --> 00:03:29.400 So certainly this will be the place
NOTE Confidence: 0.856199921176471
00:03:29.400 --> 00:03:31.680 we can thinking about model would be
NOTE Confidence: 0.856199921176471
00:03:31.680 --> 00:03:34.001 the best way to collaborate with the
NOTE Confidence: 0.856199921176471

00:03:34.001 --> 00:03:36.283 liver center and then the other action.
NOTE Confidence: 0.856199921176471

00:03:36.290 --> 00:03:38.230 Is clinical trial support and
NOTE Confidence: 0.856199921176471

00:03:38.230 --> 00:03:40.882 then the other is, you know,
NOTE Confidence: 0.856199921176471

00:03:40.882 --> 00:03:43.066 exists existing biobanks support.
NOTE Confidence: 0.856199921176471

00:03:43.070 --> 00:03:45.830 So one of the key things is of this bank.
NOTE Confidence: 0.856199921176471

00:03:45.830 --> 00:03:48.644 What was going to be highlighted here?
NOTE Confidence: 0.856199921176471

00:03:48.650 --> 00:03:51.996 So CAP accreditation also which is College
NOTE Confidence: 0.856199921176471

00:03:51.996 --> 00:03:54.510 of American pathologists accreditation.
NOTE Confidence: 0.856199921176471

00:03:54.510 --> 00:03:56.270 So why do we have to do that?
NOTE Confidence: 0.856199921176471

00:03:56.270 --> 00:03:57.770 So that's the key point.
NOTE Confidence: 0.856199921176471

00:03:57.770 --> 00:04:00.326 So the CP file repository accreditation
NOTE Confidence: 0.856199921176471

00:04:00.326 --> 00:04:03.122 program was is that you know what
NOTE Confidence: 0.856199921176471

00:04:03.122 --> 00:04:05.410 you know was approved by the CMS.
NOTE Confidence: 0.856199921176471

00:04:05.410 --> 00:04:07.914 You know this is CMS as you know,
NOTE Confidence: 0.856199921176471

00:04:07.914 --> 00:04:09.744 Center for medical Medicare service.
NOTE Confidence: 0.856199921176471

00:04:09.750 --> 00:04:11.469 So in 2019.

NOTE Confidence: 0.856199921176471

00:04:11.469 --> 00:04:13.761 So basically with this

NOTE Confidence: 0.856199921176471

00:04:13.761 --> 00:04:16.632 you know approval the CMS,

NOTE Confidence: 0.856199921176471

00:04:16.632 --> 00:04:19.512 will you know recognize and

NOTE Confidence: 0.856199921176471

00:04:19.512 --> 00:04:21.240 the CPAP acquitted?

NOTE Confidence: 0.856199921176471

00:04:21.240 --> 00:04:23.844 Accredited Tissue bank will be part

NOTE Confidence: 0.856199921176471

00:04:23.844 --> 00:04:25.580 of Clear Certified laboratory.

NOTE Confidence: 0.856199921176471

00:04:25.580 --> 00:04:26.486 In other words,

NOTE Confidence: 0.856199921176471

00:04:26.486 --> 00:04:28.600 if you with this you know CP

NOTE Confidence: 0.856199921176471

00:04:28.677 --> 00:04:31.359 creditation many of the clear certified

NOTE Confidence: 0.856199921176471

00:04:31.359 --> 00:04:33.840 laboratory testing can be rendered.

NOTE Confidence: 0.856199921176471

00:04:33.840 --> 00:04:36.822 So basically it you know the CMS

NOTE Confidence: 0.856199921176471

00:04:36.822 --> 00:04:39.444 rendered the the confidence in

NOTE Confidence: 0.856199921176471

00:04:39.444 --> 00:04:42.513 specimen the you know province

NOTE Confidence: 0.856199921176471

00:04:42.513 --> 00:04:45.037 clinical laboratory director may

NOTE Confidence: 0.856199921176471

00:04:45.037 --> 00:04:47.971 accept specimen for testing for

NOTE Confidence: 0.856199921176471

00:04:47.971 --> 00:04:51.104 a banking because a formal clear
NOTE Confidence: 0.856199921176471

00:04:51.104 --> 00:04:52.196 approval requirement.
NOTE Confidence: 0.856199921176471

00:04:52.200 --> 00:04:54.438 The specimen collection integrity has been,
NOTE Confidence: 0.856199921176471

00:04:54.440 --> 00:04:55.288 you know,
NOTE Confidence: 0.856199921176471

00:04:55.288 --> 00:04:58.256 in place and it's also has established
NOTE Confidence: 0.856199921176471

00:04:58.256 --> 00:04:59.884 confidence in Preanalytical
NOTE Confidence: 0.856199921176471

00:04:59.884 --> 00:05:02.136 variable tracking and control.
NOTE Confidence: 0.914637116666667

00:05:02.140 --> 00:05:04.120 For samples used in drug trials,
NOTE Confidence: 0.914637116666667

00:05:04.120 --> 00:05:05.720 with associated biomarker development.
NOTE Confidence: 0.914637116666667

00:05:05.720 --> 00:05:08.700 So this is also very important for this.
NOTE Confidence: 0.914637116666667

00:05:08.700 --> 00:05:12.180 For Yale about repository to be engaged in
NOTE Confidence: 0.914637116666667

00:05:12.180 --> 00:05:15.168 clinical trials and also for pharmaceutical
NOTE Confidence: 0.914637116666667

00:05:15.168 --> 00:05:17.876 trials and also this with its approval,
NOTE Confidence: 0.914637116666667

00:05:17.880 --> 00:05:20.540 this really improves alignment
NOTE Confidence: 0.914637116666667

00:05:20.540 --> 00:05:22.535 of accreditation preparation.
NOTE Confidence: 0.914637116666667

00:05:22.540 --> 00:05:25.256 And the inspection process for the repository

NOTE Confidence: 0.914637116666667
00:05:25.256 --> 00:05:27.799 affiliated with CAP accredited laboratory.
NOTE Confidence: 0.914637116666667
00:05:27.800 --> 00:05:30.866 For example, the yield pathology lab
NOTE Confidence: 0.914637116666667
00:05:30.866 --> 00:05:33.698 and also the hospital hospital clinical
NOTE Confidence: 0.914637116666667
00:05:33.698 --> 00:05:35.668 laboratories that they all clear,
NOTE Confidence: 0.914637116666667
00:05:35.670 --> 00:05:38.330 certified and also CAP accredited.
NOTE Confidence: 0.914637116666667
00:05:38.330 --> 00:05:41.866 So this is part of the extension of
NOTE Confidence: 0.914637116666667
00:05:41.866 --> 00:05:44.723 the accredited laboratory and then the
NOTE Confidence: 0.914637116666667
00:05:44.723 --> 00:05:48.161 you know why SM repository is almost
NOTE Confidence: 0.914637116666667
00:05:48.161 --> 00:05:51.347 become a seamless extension of the.
NOTE Confidence: 0.914637116666667
00:05:51.350 --> 00:05:53.034 You know the current.
NOTE Confidence: 0.914637116666667
00:05:53.034 --> 00:05:53.876 Clinical laboratory,
NOTE Confidence: 0.914637116666667
00:05:53.880 --> 00:05:55.665 so what's the current status right now?
NOTE Confidence: 0.914637116666667
00:05:55.670 --> 00:05:58.688 There is no CP credit about
NOTE Confidence: 0.914637116666667
00:05:58.688 --> 00:06:00.700 repository in Connecticut school.
NOTE Confidence: 0.914637116666667
00:06:00.700 --> 00:06:03.416 We just look at the our neighbors.
NOTE Confidence: 0.914637116666667

00:06:03.420 --> 00:06:06.178 Massachusetts has one which is tough and
NOTE Confidence: 0.914637116666667

00:06:06.178 --> 00:06:09.269 Rhode Island 0 New York has three Mount
NOTE Confidence: 0.914637116666667

00:06:09.269 --> 00:06:12.320 Sinai and NYU and Memorial Sloan Kettering,
NOTE Confidence: 0.914637116666667

00:06:12.320 --> 00:06:13.304 New Jersey, has one.
NOTE Confidence: 0.914637116666667

00:06:13.304 --> 00:06:14.288 If we should rockers.
NOTE Confidence: 0.612755531416667

00:06:16.630 --> 00:06:20.707 So the water they you know you knows about
NOTE Confidence: 0.612755531416667

00:06:20.707 --> 00:06:23.389 repository organizational structure.
NOTE Confidence: 0.612755531416667

00:06:23.390 --> 00:06:25.924 We basically this is an entity in.
NOTE Confidence: 0.612755531416667

00:06:25.930 --> 00:06:29.234 This is an entity under the Dean
NOTE Confidence: 0.612755531416667

00:06:29.234 --> 00:06:32.009 and Deputy Deans for research,
NOTE Confidence: 0.612755531416667

00:06:32.010 --> 00:06:35.062 so the repository is supervised by executive
NOTE Confidence: 0.612755531416667

00:06:35.062 --> 00:06:37.549 committee appointed by the Deputy Deans.
NOTE Confidence: 0.612755531416667

00:06:37.550 --> 00:06:39.600 So this executive committee will
NOTE Confidence: 0.612755531416667

00:06:39.600 --> 00:06:41.650 have wide representation from all
NOTE Confidence: 0.612755531416667

00:06:41.717 --> 00:06:43.769 the departments and stakeholders,
NOTE Confidence: 0.612755531416667

00:06:43.770 --> 00:06:45.709 so there will be a director to

NOTE Confidence: 0.612755531416667
00:06:45.709 --> 00:06:47.400 run this operation and certainly.
NOTE Confidence: 0.612755531416667
00:06:47.400 --> 00:06:49.056 But the other piece it would
NOTE Confidence: 0.612755531416667
00:06:49.056 --> 00:06:50.160 be like operational manager,
NOTE Confidence: 0.612755531416667
00:06:50.160 --> 00:06:52.628 pathologists and data managers
NOTE Confidence: 0.612755531416667
00:06:52.628 --> 00:06:54.479 coordinators for compliance,
NOTE Confidence: 0.612755531416667
00:06:54.480 --> 00:06:56.380 and the consenting and the
NOTE Confidence: 0.612755531416667
00:06:56.380 --> 00:06:58.280 technical staff in this repository,
NOTE Confidence: 0.612755531416667
00:06:58.280 --> 00:07:01.385 so I would just use this chart to highlight
NOTE Confidence: 0.612755531416667
00:07:01.385 --> 00:07:04.239 the overall organizational structure.
NOTE Confidence: 0.612755531416667
00:07:04.240 --> 00:07:06.208 You can see the you know the director
NOTE Confidence: 0.612755531416667
00:07:06.208 --> 00:07:07.958 round the three major operations.
NOTE Confidence: 0.612755531416667
00:07:07.960 --> 00:07:11.533 Here is 1 the operation and the pre at.
NOTE Confidence: 0.612755531416667
00:07:11.540 --> 00:07:14.342 You know pre collections you know
NOTE Confidence: 0.612755531416667
00:07:14.342 --> 00:07:15.743 activity including consenting
NOTE Confidence: 0.612755531416667
00:07:15.743 --> 00:07:17.490 regulatory affairs and customer
NOTE Confidence: 0.612755531416667

00:07:17.490 --> 00:07:19.510 service and then the operational
NOTE Confidence: 0.612755531416667

00:07:19.510 --> 00:07:21.929 piece with the technical piece and to
NOTE Confidence: 0.612755531416667

00:07:21.929 --> 00:07:24.018 have the space and the procurement,
NOTE Confidence: 0.612755531416667

00:07:24.018 --> 00:07:25.094 tissue characterization,
NOTE Confidence: 0.612755531416667

00:07:25.094 --> 00:07:25.632 storage,
NOTE Confidence: 0.612755531416667

00:07:25.632 --> 00:07:28.860 distribution and then the one very
NOTE Confidence: 0.612755531416667

00:07:28.929 --> 00:07:31.515 important piece is the data management.
NOTE Confidence: 0.612755531416667

00:07:31.520 --> 00:07:33.485 So within this data management
NOTE Confidence: 0.612755531416667

00:07:33.485 --> 00:07:34.664 we will establish.
NOTE Confidence: 0.612755531416667

00:07:34.670 --> 00:07:38.270 Honest broker program with the honest
NOTE Confidence: 0.612755531416667

00:07:38.270 --> 00:07:40.898 broker honest broker program which
NOTE Confidence: 0.612755531416667

00:07:40.898 --> 00:07:43.940 will facilitate many many of the
NOTE Confidence: 0.612755531416667

00:07:44.029 --> 00:07:47.071 you know studies and really shorten
NOTE Confidence: 0.612755531416667

00:07:47.071 --> 00:07:49.949 the IRB approval process for many,
NOTE Confidence: 0.612755531416667

00:07:49.950 --> 00:07:51.402 many of legislators.
NOTE Confidence: 0.612755531416667

00:07:51.402 --> 00:07:54.306 This is a very important part.

NOTE Confidence: 0.612755531416667
00:07:54.310 --> 00:07:57.310 So now I've seen in terms of patient
NOTE Confidence: 0.612755531416667
00:07:57.310 --> 00:07:59.529 consenting and regulatory affairs.
NOTE Confidence: 0.612755531416667
00:07:59.530 --> 00:08:02.234 So we one of the key initiative or
NOTE Confidence: 0.612755531416667
00:08:02.234 --> 00:08:04.908 main tasks for this bout repository
NOTE Confidence: 0.612755531416667
00:08:04.908 --> 00:08:06.824 is to establish universal,
NOTE Confidence: 0.612755531416667
00:08:06.830 --> 00:08:07.492 consenting process.
NOTE Confidence: 0.612755531416667
00:08:07.492 --> 00:08:09.478 So we're working with the IRB
NOTE Confidence: 0.612755531416667
00:08:09.478 --> 00:08:11.787 and the hospital and also clinic
NOTE Confidence: 0.612755531416667
00:08:11.787 --> 00:08:13.762 and hopefully we'll establish the
NOTE Confidence: 0.612755531416667
00:08:13.762 --> 00:08:15.330 universal consenting process.
NOTE Confidence: 0.612755531416667
00:08:15.330 --> 00:08:17.010 Basically at the time of patient
NOTE Confidence: 0.612755531416667
00:08:17.010 --> 00:08:18.690 checking in in our facility,
NOTE Confidence: 0.612755531416667
00:08:18.690 --> 00:08:20.290 so they will automatically,
NOTE Confidence: 0.612755531416667
00:08:20.290 --> 00:08:22.107 you know, have you know,
NOTE Confidence: 0.612755531416667
00:08:22.107 --> 00:08:23.124 provided the opportunity
NOTE Confidence: 0.612755531416667

00:08:23.124 --> 00:08:24.760 to participate in the bio.
NOTE Confidence: 0.612755531416667

00:08:24.760 --> 00:08:25.940 Thank you and then,
NOTE Confidence: 0.612755531416667

00:08:25.940 --> 00:08:27.589 as I mentioned, you know this.
NOTE Confidence: 0.612755531416667

00:08:27.589 --> 00:08:28.348 As you know,
NOTE Confidence: 0.612755531416667

00:08:28.350 --> 00:08:30.125 the you know tissue banking
NOTE Confidence: 0.612755531416667

00:08:30.125 --> 00:08:31.190 is heavily regulated,
NOTE Confidence: 0.612755531416667

00:08:31.190 --> 00:08:33.450 regulated and through different
NOTE Confidence: 0.612755531416667

00:08:33.450 --> 00:08:35.710 agencies and honest program,
NOTE Confidence: 0.612755531416667

00:08:35.710 --> 00:08:38.782 honest broker program as I mentioned
NOTE Confidence: 0.612755531416667

00:08:38.782 --> 00:08:41.414 will really facilitate the internal
NOTE Confidence: 0.612755531416667

00:08:41.414 --> 00:08:44.390 research process and due to increase
NOTE Confidence: 0.612755531416667

00:08:44.390 --> 00:08:47.181 the banks usage and without too
NOTE Confidence: 0.612755531416667

00:08:47.181 --> 00:08:52.840 many you know regulatory. Burden.
NOTE Confidence: 0.612755531416667

00:08:52.840 --> 00:08:54.478 So what did the banker will do?
NOTE Confidence: 0.612755531416667

00:08:54.480 --> 00:08:56.660 OK, as this will be,
NOTE Confidence: 0.612755531416667

00:08:56.660 --> 00:08:58.595 I would call it the products from the West,

NOTE Confidence: 0.612755531416667
00:08:58.600 --> 00:09:02.300 and so one is certainly we will
NOTE Confidence: 0.612755531416667
00:09:02.300 --> 00:09:03.860 have developed the capacity
NOTE Confidence: 0.612755531416667
00:09:03.940 --> 00:09:06.250 and technology to annotate and
NOTE Confidence: 0.612755531416667
00:09:06.250 --> 00:09:08.560 process archive and fresh samples.
NOTE Confidence: 0.612755531416667
00:09:08.560 --> 00:09:10.052 This is all inclusive.
NOTE Confidence: 0.612755531416667
00:09:10.052 --> 00:09:10.798 For example,
NOTE Confidence: 0.612755531416667
00:09:10.800 --> 00:09:12.585 the fresh samples including blood
NOTE Confidence: 0.612755531416667
00:09:12.585 --> 00:09:14.753 and solid tissues and one of
NOTE Confidence: 0.612755531416667
00:09:14.753 --> 00:09:16.318 the key features the better.
NOTE Confidence: 0.612755531416667
00:09:16.320 --> 00:09:17.217 Will you know,
NOTE Confidence: 0.612755531416667
00:09:17.217 --> 00:09:19.830 get involved is to have a paired sample.
NOTE Confidence: 0.612755531416667
00:09:19.830 --> 00:09:20.709 In other words,
NOTE Confidence: 0.612755531416667
00:09:20.709 --> 00:09:22.174 you know we'll establish the
NOTE Confidence: 0.612755531416667
00:09:22.174 --> 00:09:23.140 tissue and blood.
NOTE Confidence: 0.612755531416667
00:09:23.140 --> 00:09:23.737 As a pair,
NOTE Confidence: 0.612755531416667

00:09:23.737 --> 00:09:25.650 because this is going to be very important,

NOTE Confidence: 0.612755531416667

00:09:25.650 --> 00:09:27.580 in particular for genetic study.

NOTE Confidence: 0.612755531416667

00:09:27.580 --> 00:09:30.800 So the bank also collect live tissue,

NOTE Confidence: 0.612755531416667

00:09:30.800 --> 00:09:32.352 and for organelle cultures

NOTE Confidence: 0.612755531416667

00:09:32.352 --> 00:09:34.292 and the PDX PDX mice.

NOTE Confidence: 0.612755531416667

00:09:34.300 --> 00:09:35.407 In other words,

NOTE Confidence: 0.612755531416667

00:09:35.407 --> 00:09:37.621 the two you know either tumor

NOTE Confidence: 0.612755531416667

00:09:37.621 --> 00:09:39.505 tissue or normal tissue can

NOTE Confidence: 0.612755531416667

00:09:39.505 --> 00:09:41.671 actually be started in a live.

NOTE Confidence: 0.612755531416667

00:09:41.680 --> 00:09:42.360 You know,

NOTE Confidence: 0.612755531416667

00:09:42.360 --> 00:09:43.380 stage for many,

NOTE Confidence: 0.825030233333333

00:09:43.380 --> 00:09:44.958 many years in. In other words,

NOTE Confidence: 0.825030233333333

00:09:44.960 --> 00:09:46.760 you know this would be down the road.

NOTE Confidence: 0.825030233333333

00:09:46.760 --> 00:09:48.980 Allow some of the tissue

NOTE Confidence: 0.825030233333333

00:09:48.980 --> 00:09:50.756 recovered for biological study.

NOTE Confidence: 0.825030233333333

00:09:50.760 --> 00:09:52.410 So the bank also thinking

NOTE Confidence: 0.825030233333333
00:09:52.410 --> 00:09:53.730 about it to establish.
NOTE Confidence: 0.825030233333333
00:09:53.730 --> 00:09:55.730 Particular sign lines depending on
NOTE Confidence: 0.825030233333333
00:09:55.730 --> 00:09:57.730 the need from the investigators,
NOTE Confidence: 0.825030233333333
00:09:57.730 --> 00:10:01.042 so we will be able to derive really fresh
NOTE Confidence: 0.825030233333333
00:10:01.042 --> 00:10:04.267 thought lines and from the clinical specimen,
NOTE Confidence: 0.825030233333333
00:10:04.270 --> 00:10:06.490 and there is also molecular banking,
NOTE Confidence: 0.825030233333333
00:10:06.490 --> 00:10:10.130 so the samples will have the paired DNA,
NOTE Confidence: 0.825030233333333
00:10:10.130 --> 00:10:12.728 RNA and proteins ready and for
NOTE Confidence: 0.825030233333333
00:10:12.728 --> 00:10:14.930 the investigators use and then,
NOTE Confidence: 0.825030233333333
00:10:14.930 --> 00:10:16.290 as I mentioned earlier,
NOTE Confidence: 0.825030233333333
00:10:16.290 --> 00:10:18.330 you know we have the blood
NOTE Confidence: 0.825030233333333
00:10:18.403 --> 00:10:20.307 and solid tissue altogether.
NOTE Confidence: 0.825030233333333
00:10:20.310 --> 00:10:22.410 That means that there will be a
NOTE Confidence: 0.825030233333333
00:10:22.410 --> 00:10:24.110 system to isolate mononuclear.
NOTE Confidence: 0.825030233333333
00:10:24.110 --> 00:10:27.534 Cells and the tool using the baffle and
NOTE Confidence: 0.825030233333333

00:10:27.534 --> 00:10:31.249 the tool store those samples in the bag.

NOTE Confidence: 0.8250302333333333

00:10:31.250 --> 00:10:33.730 So as I mentioned earlier,

NOTE Confidence: 0.8250302333333333

00:10:33.730 --> 00:10:36.022 it is important for the data

NOTE Confidence: 0.8250302333333333

00:10:36.022 --> 00:10:37.610 management you know for the bank.

NOTE Confidence: 0.8250302333333333

00:10:37.610 --> 00:10:39.311 So this bank not only the tissue

NOTE Confidence: 0.8250302333333333

00:10:39.311 --> 00:10:40.590 and the most you know,

NOTE Confidence: 0.8250302333333333

00:10:40.590 --> 00:10:42.100 it's also for the diet.

NOTE Confidence: 0.8250302333333333

00:10:42.100 --> 00:10:44.326 So the main software system for the

NOTE Confidence: 0.8250302333333333

00:10:44.326 --> 00:10:46.735 bank we're using the freezer work to

NOTE Confidence: 0.8250302333333333

00:10:46.735 --> 00:10:48.823 really coordinate the banks usage and

NOTE Confidence: 0.8250302333333333

00:10:48.892 --> 00:10:51.713 then same time to integrate with the

NOTE Confidence: 0.8250302333333333

00:10:51.713 --> 00:10:53.407 computational health platform which

NOTE Confidence: 0.8250302333333333

00:10:53.407 --> 00:10:56.746 has been established at New Haven Hospital.

NOTE Confidence: 0.8250302333333333

00:10:56.750 --> 00:10:58.406 So basically you know the epic,

NOTE Confidence: 0.8250302333333333

00:10:58.410 --> 00:11:00.120 you know all the epic

NOTE Confidence: 0.8250302333333333

00:11:00.120 --> 00:11:01.488 information can be pulled.

NOTE Confidence: 0.8250302333333333
00:11:01.490 --> 00:11:03.390 Team and into create this.
NOTE Confidence: 0.8250302333333333
00:11:03.390 --> 00:11:04.252 You know,
NOTE Confidence: 0.8250302333333333
00:11:04.252 --> 00:11:07.269 you know we call the CHP platform
NOTE Confidence: 0.8250302333333333
00:11:07.269 --> 00:11:10.240 so this will allow integration
NOTE Confidence: 0.8250302333333333
00:11:10.240 --> 00:11:12.680 between tissue and data.
NOTE Confidence: 0.8250302333333333
00:11:12.680 --> 00:11:15.274 So this is the you know the system.
NOTE Confidence: 0.8250302333333333
00:11:15.274 --> 00:11:17.598 You know where is working really well,
NOTE Confidence: 0.8250302333333333
00:11:17.600 --> 00:11:18.740 particularly over the past.
NOTE Confidence: 0.8250302333333333
00:11:18.740 --> 00:11:21.059 You know year or two you know this,
NOTE Confidence: 0.8250302333333333
00:11:21.060 --> 00:11:24.532 you know you know PHP system has provided
NOTE Confidence: 0.8250302333333333
00:11:24.532 --> 00:11:27.458 important support for COVID related research.
NOTE Confidence: 0.8250302333333333
00:11:27.460 --> 00:11:30.300 This is really credit to,
NOTE Confidence: 0.8250302333333333
00:11:30.300 --> 00:11:31.850 you know, weigh the shores.
NOTE Confidence: 0.8250302333333333
00:11:31.850 --> 00:11:34.050 And he has leading this,
NOTE Confidence: 0.8250302333333333
00:11:34.050 --> 00:11:34.852 you know,
NOTE Confidence: 0.8250302333333333

00:11:34.852 --> 00:11:35.654 PHP establishment.
NOTE Confidence: 0.8250302333333333

00:11:35.654 --> 00:11:39.257 So weight is going to be part of the
NOTE Confidence: 0.8250302333333333

00:11:39.257 --> 00:11:41.483 biobanking and he's going to lead
NOTE Confidence: 0.8250302333333333

00:11:41.483 --> 00:11:44.209 the information management system.
NOTE Confidence: 0.8250302333333333

00:11:44.210 --> 00:11:46.162 And I think this is going to be
NOTE Confidence: 0.8250302333333333

00:11:46.162 --> 00:11:47.478 very powerful system to allow
NOTE Confidence: 0.8250302333333333

00:11:47.478 --> 00:11:48.763 you know how to match.
NOTE Confidence: 0.8250302333333333

00:11:48.770 --> 00:11:50.330 You know the tissue and make
NOTE Confidence: 0.8250302333333333

00:11:50.330 --> 00:11:51.690 sure the tissue will have,
NOTE Confidence: 0.8250302333333333

00:11:51.690 --> 00:11:54.690 you know, be well annotated.
NOTE Confidence: 0.8250302333333333

00:11:54.690 --> 00:11:56.082 Space so right now,
NOTE Confidence: 0.8250302333333333

00:11:56.082 --> 00:11:58.684 as as I speak now so we
NOTE Confidence: 0.8250302333333333

00:11:58.684 --> 00:12:00.789 don't have this space yet,
NOTE Confidence: 0.8250302333333333

00:12:00.790 --> 00:12:03.352 but hopefully next few months we're going
NOTE Confidence: 0.8250302333333333

00:12:03.352 --> 00:12:06.887 to have a physical presence and our future.
NOTE Confidence: 0.8250302333333333

00:12:06.890 --> 00:12:07.460 You know,

NOTE Confidence: 0.8250302333333333
00:12:07.460 --> 00:12:09.170 the eventual place of this browser,
NOTE Confidence: 0.8250302333333333
00:12:09.170 --> 00:12:11.610 Positor is most likely at the Temple St.
NOTE Confidence: 0.8250302333333333
00:12:11.610 --> 00:12:13.350 You know the temple Medical Center,
NOTE Confidence: 0.8250302333333333
00:12:13.350 --> 00:12:15.135 but temporarily we could probably
NOTE Confidence: 0.8250302333333333
00:12:15.135 --> 00:12:17.856 going to have some other, you know,
NOTE Confidence: 0.8250302333333333
00:12:17.856 --> 00:12:20.664 startup space and to be determined.
NOTE Confidence: 0.8250302333333333
00:12:20.670 --> 00:12:23.288 So we have identified some candidates space.
NOTE Confidence: 0.8250302333333333
00:12:23.290 --> 00:12:24.496 So the idea is in the
NOTE Confidence: 0.8250302333333333
00:12:24.496 --> 00:12:25.720 next two or three months.
NOTE Confidence: 0.8250302333333333
00:12:25.720 --> 00:12:28.520 So we have we will going to have
NOTE Confidence: 0.8250302333333333
00:12:28.520 --> 00:12:30.707 the physical in operation and you
NOTE Confidence: 0.8250302333333333
00:12:30.707 --> 00:12:33.369 know the the you know to really
NOTE Confidence: 0.8250302333333333
00:12:33.369 --> 00:12:36.694 getting all the stops and the CP
NOTE Confidence: 0.8250302333333333
00:12:36.694 --> 00:12:40.098 accreditation process to start it.
NOTE Confidence: 0.8250302333333333
00:12:40.100 --> 00:12:43.620 And the last thing last point is funding.
NOTE Confidence: 0.8250302333333333

00:12:43.620 --> 00:12:45.692 So how as you know how this
NOTE Confidence: 0.8250302333333333

00:12:45.692 --> 00:12:47.598 bank is going to be funded?
NOTE Confidence: 0.8250302333333333

00:12:47.600 --> 00:12:49.357 So this is really the you know,
NOTE Confidence: 0.8250302333333333

00:12:49.360 --> 00:12:50.746 our aspirational goal.
NOTE Confidence: 0.8250302333333333

00:12:50.746 --> 00:12:53.980 The goal is the bank should be,
NOTE Confidence: 0.709511892

00:12:53.980 --> 00:12:56.870 you know, eventually be 50% funded
NOTE Confidence: 0.709511892

00:12:56.870 --> 00:12:59.520 by the institution you know.
NOTE Confidence: 0.709511892

00:12:59.520 --> 00:13:01.656 This can be from, you know,
NOTE Confidence: 0.709511892

00:13:01.660 --> 00:13:03.641 the university support of in this case
NOTE Confidence: 0.709511892

00:13:03.641 --> 00:13:05.800 will be the Dean's office support.
NOTE Confidence: 0.709511892

00:13:05.800 --> 00:13:07.798 Either also grants,
NOTE Confidence: 0.709511892

00:13:07.798 --> 00:13:09.796 industrial industry collaboration.
NOTE Confidence: 0.709511892

00:13:09.800 --> 00:13:12.284 All the lines will be and then the other
NOTE Confidence: 0.709511892

00:13:12.284 --> 00:13:15.260 50% probably will come from the overall
NOTE Confidence: 0.709511892

00:13:15.260 --> 00:13:18.808 the user user user fees either program.
NOTE Confidence: 0.709511892

00:13:18.810 --> 00:13:20.570 You know, program focused.

NOTE Confidence: 0.709511892

00:13:20.570 --> 00:13:24.050 The banking and the worst is the you

NOTE Confidence: 0.709511892

00:13:24.050 --> 00:13:27.058 know users and we can do the chargeback

NOTE Confidence: 0.709511892

00:13:27.146 --> 00:13:29.547 and for the you know for that.

NOTE Confidence: 0.709511892

00:13:29.550 --> 00:13:32.622 So this is the end of my brief

NOTE Confidence: 0.709511892

00:13:32.622 --> 00:13:34.545 introduction with on this year.

NOTE Confidence: 0.709511892

00:13:34.545 --> 00:13:36.470 You know years ago medicine,

NOTE Confidence: 0.709511892

00:13:36.470 --> 00:13:37.024 but repository.

NOTE Confidence: 0.709511892

00:13:37.024 --> 00:13:39.609 I think this is going to be a shared

NOTE Confidence: 0.709511892

00:13:39.609 --> 00:13:42.327 resources and is going to have a you know,

NOTE Confidence: 0.709511892

00:13:42.330 --> 00:13:43.494 most standardized operation,

NOTE Confidence: 0.709511892

00:13:43.494 --> 00:13:45.434 and this certainly could be

NOTE Confidence: 0.709511892

00:13:45.434 --> 00:13:47.884 a very good resources for all

NOTE Confidence: 0.709511892

00:13:47.884 --> 00:13:49.488 the liver investigators here.

NOTE Confidence: 0.709511892

00:13:49.490 --> 00:13:51.626 And so we need to talk,

NOTE Confidence: 0.709511892

00:13:51.630 --> 00:13:52.494 you know,

NOTE Confidence: 0.709511892

00:13:52.494 --> 00:13:54.654 moving forward and looking forward
NOTE Confidence: 0.709511892

00:13:54.654 --> 00:13:57.348 the conversation to see how we can
NOTE Confidence: 0.709511892

00:13:57.348 --> 00:13:59.810 interact with the existing and the liver.
NOTE Confidence: 0.709511892

00:13:59.810 --> 00:14:02.474 Like the second out by Mario
NOTE Confidence: 0.709511892

00:14:02.474 --> 00:14:05.598 and you know I have to say,
NOTE Confidence: 0.709511892

00:14:05.600 --> 00:14:06.300 you know,
NOTE Confidence: 0.709511892

00:14:06.300 --> 00:14:08.400 the last slide is really credited
NOTE Confidence: 0.709511892

00:14:08.400 --> 00:14:09.580 to Nancy Brown,
NOTE Confidence: 0.709511892

00:14:09.580 --> 00:14:12.940 who has really initiated this whole thing
NOTE Confidence: 0.709511892

00:14:12.940 --> 00:14:17.000 and ** *** will support this repository.
NOTE Confidence: 0.709511892

00:14:17.000 --> 00:14:18.575 And then there there was
NOTE Confidence: 0.709511892

00:14:18.575 --> 00:14:19.835 a Task force committee.
NOTE Confidence: 0.709511892

00:14:19.840 --> 00:14:20.648 You know,
NOTE Confidence: 0.709511892

00:14:20.648 --> 00:14:23.072 you know within Task Committee committee
NOTE Confidence: 0.709511892

00:14:23.072 --> 00:14:25.960 and the Mario has been part of this
NOTE Confidence: 0.709511892

00:14:25.960 --> 00:14:28.418 committee and to set up this vision.

NOTE Confidence: 0.709511892

00:14:28.420 --> 00:14:30.470 I think I'm very excited.

NOTE Confidence: 0.709511892

00:14:30.470 --> 00:14:32.717 And I hope and with your support,

NOTE Confidence: 0.709511892

00:14:32.720 --> 00:14:34.805 this ISM repository will be

NOTE Confidence: 0.709511892

00:14:34.805 --> 00:14:37.952 really a great asset and a great

NOTE Confidence: 0.709511892

00:14:37.952 --> 00:14:40.397 resources for all the liver

NOTE Confidence: 0.709511892

00:14:40.397 --> 00:14:42.712 inside investigators here and I

NOTE Confidence: 0.709511892

00:14:42.712 --> 00:14:44.998 stopped that as I stopped there.

NOTE Confidence: 0.709511892

00:14:45.000 --> 00:14:46.526 Thank you very much for your attention.