WEBVTT

NOTE duration:"00:02:04.8430000"

NOTE recognizability:0.910

NOTE language:en-us

NOTE Confidence: 0.91072476

00:00:02.830 --> 00:00:05.294 As creative leaders in medicine and science,

NOTE Confidence: 0.91072476

00:00:05.300 --> 00:00:07.418 we constantly push boundaries to advance

NOTE Confidence: 0.91072476

00:00:07.418 --> 00:00:09.540 medicine for the benefit of humanity.

NOTE Confidence: 0.91072476

00:00:09.540 --> 00:00:11.652 We have led the development of

NOTE Confidence: 0.91072476

00:00:11.652 --> 00:00:13.769 the insulin pump, of drugs that

NOTE Confidence: 0.91072476

00:00:13.769 --> 00:00:15.534 reverse the effects of obesity,

NOTE Confidence: 0.91072476

00:00:15.540 --> 00:00:17.514 and of toplizumab, a new medication

NOTE Confidence: 0.91072476

00:00:17.514 --> 00:00:19.420 that delays type one diabetes.

NOTE Confidence: 0.91072476

00:00:19.420 --> 00:00:21.190 The work at Yale School

NOTE Confidence: 0.91072476

00:00:21.190 --> 00:00:23.308 of Medicine has led to a

NOTE Confidence: 0.91072476

00:00:23.308 --> 00:00:24.720 number of very important,

NOTE Confidence: 0.91072476

00:00:24.720 --> 00:00:25.424 impactful discoveries.

NOTE Confidence: 0.91072476

00:00:25.424 --> 00:00:27.186 One of them, of course,

NOTE Confidence: 0.91072476

00:00:27.186 --> 00:00:28.598 is the insulin pump,

NOTE Confidence: 0.91072476

00:00:28.600 --> 00:00:31.169 which is now the standard of care

NOTE Confidence: 0.91072476

00:00:31.169 --> 00:00:33.190 practically for people with type one

NOTE Confidence: 0.907853022857143

00:00:33.190 --> 00:00:35.638 diabetes. There are pivotal

NOTE Confidence: 0.907853022857143

00:00:35.638 --> 00:00:37.474 moments in medicine.

NOTE Confidence: 0.907853022857143

00:00:37.480 --> 00:00:39.640 Where true transformations occur.

NOTE Confidence: 0.918990099999999

00:00:41.200 --> 00:00:43.377 We have done a number of studies

NOTE Confidence: 0.918990099999999

00:00:43.377 --> 00:00:45.808 at Yale to lead to the development

NOTE Confidence: 0.918990099999999

00:00:45.808 --> 00:00:48.394 of a drug that will delay the

NOTE Confidence: 0.918990099999999

00:00:48.394 --> 00:00:50.698 onset of type one diabetes in

NOTE Confidence: 0.918990099999999

00:00:50.698 --> 00:00:53.134 individuals who are at very high risk.

NOTE Confidence: 0.918990099999999

00:00:53.134 --> 00:00:55.060 This is the first treatment for

NOTE Confidence: 0.918990099999999

00:00:55.129 --> 00:00:56.669 diabetes since the discovery

NOTE Confidence: 0.918990099999999

00:00:56.669 --> 00:00:58.594 of insulin 100 years ago.

NOTE Confidence: 0.918990099999999

00:00:58.600 --> 00:01:00.016 So this profoundly changes

NOTE Confidence: 0.918990099999999

00:01:00.016 --> 00:01:01.786 our approach to the disease,

NOTE Confidence: 0.918990099999999

00:01:01.790 --> 00:01:03.570 but it's not the end

NOTE Confidence: 0.903668910666667

00:01:03.570 --> 00:01:06.986 game. Right now there is an incredible

NOTE Confidence: 0.903668910666667

00:01:06.986 --> 00:01:09.090 transformation occurring of novel

NOTE Confidence: 0.903668910666667

00:01:09.090 --> 00:01:11.338 therapies for obesity treatment.

NOTE Confidence: 0.903668910666667

00:01:11.340 --> 00:01:12.795 Obesity is associated

NOTE Confidence: 0.903668910666667

00:01:12.795 --> 00:01:14.735 with 200 other diseases,

NOTE Confidence: 0.903668910666667

00:01:14.740 --> 00:01:17.160 diseases like type 2 diabetes,

NOTE Confidence: 0.903668910666667

00:01:17.160 --> 00:01:18.618 high blood pressure,

NOTE Confidence: 0.903668910666667

00:01:18.618 --> 00:01:20.534 high cholesterol, heart disease.

NOTE Confidence: 0.903668910666667

00:01:20.534 --> 00:01:22.422 Obesity is associated with

NOTE Confidence: 0.903668910666667

00:01:22.422 --> 00:01:24.920 13 different types of cancer.

NOTE Confidence: 0.903668910666667

00:01:24.920 --> 00:01:27.350 Because of the environment here,

NOTE Confidence: 0.903668910666667

00:01:27.350 --> 00:01:29.770 it's possible to think creatively.

NOTE Confidence: 0.90257454

00:01:29.770 --> 00:01:32.488 We need to bring together the

NOTE Confidence: 0.90257454

00:01:32.488 --> 00:01:34.914 resources here and the expertise

NOTE Confidence: 0.90257454

00:01:34.914 --> 00:01:37.529 from the stem cell center,

NOTE Confidence: 0.90257454

00:01:37.530 --> 00:01:39.494 from immunobiology, from engineering,

NOTE Confidence: 0.90257454

00:01:39.494 --> 00:01:42.870 from medicine and others here at Yale.

NOTE Confidence: 0.8610684

00:01:43.640 --> 00:01:45.530 I truly believe that we

NOTE Confidence: 0.8610684

00:01:45.530 --> 00:01:46.664 can transform medicine.

NOTE Confidence: 0.8610684

00:01:46.670 --> 00:01:48.908 We can transform patients lives and

NOTE Confidence: 0.8610684

00:01:48.908 --> 00:01:51.220 I think we're going to do that.

NOTE Confidence: 0.9471554

00:01:52.760 --> 00:01:54.769 Learn how your gift can extend the

NOTE Confidence: 0.9471554

00:01:54.769 --> 00:01:57.288 reach of our cutting edge work that has

NOTE Confidence: 0.9471554

00:01:57.290 --> 00:01:58.498 helped millions connect with

NOTE Confidence: 0.9471554

00:01:58.498 --> 00:01:59.706 the Development Officer today.