

on  
DC/Rockville  
eting Center



1  
00:00:04,100 --> 00:00:01,060

[Applause]

2  
00:00:06,860 --> 00:00:04,110

please notice that I raised this in

3  
00:00:11,000 --> 00:00:06,870

terms of a question so I'm not claiming

4  
00:00:12,680 --> 00:00:11,010

that it is that it can be I'm coming at

5  
00:00:15,589 --> 00:00:12,690

this and continuing my research

6  
00:00:18,109 --> 00:00:15,599

skeptically I'd actually like to rename

7  
00:00:21,230 --> 00:00:18,119

this the skeptical Society of scientific

8  
00:00:24,050 --> 00:00:21,240

exploration I've given talks at skeptic

9  
00:00:27,170 --> 00:00:24,060

societies they're really fun because I

10  
00:00:31,669 --> 00:00:27,180

always begin by insulting them and they

11  
00:00:34,190 --> 00:00:31,679

sit like this and and then I say I'm the

12  
00:00:36,020 --> 00:00:34,200

only skeptic in the room and they go

13  
00:00:37,250 --> 00:00:36,030

nowhere the skeptic Society and I said

14

00:00:42,920 --> 00:00:37,260

no you're not you're a bunch of mindless

15

00:00:47,930 --> 00:00:42,930

believers you believe everything I

16

00:00:50,900 --> 00:00:47,940

haven't yet said is wrong and so I

17

00:00:53,029 --> 00:00:50,910

encourage us be careful what you believe

18

00:00:54,709 --> 00:00:53,039

in because I'm sure all of our beliefs

19

00:00:56,510 --> 00:00:54,719

will eventually be shown to be wrong

20

00:01:01,040 --> 00:00:56,520

so i phrase this in the form of a

21

00:01:02,990 --> 00:01:01,050

question and it has to do with my my

22

00:01:07,730 --> 00:01:03,000

healing research and as some of you know

23

00:01:09,770 --> 00:01:07,740

I have a reasonably extensive research

24

00:01:12,890 --> 00:01:09,780

agenda that has to do with a lot of

25

00:01:14,539 --> 00:01:12,900

different elements of healing and the

26  
00:01:17,420 --> 00:01:14,549  
one I'm going to focus on today is the

27  
00:01:20,270 --> 00:01:17,430  
last bullet point can we develop

28  
00:01:21,920 --> 00:01:20,280  
practical applications of healing so it

29  
00:01:23,810 --> 00:01:21,930  
would be very nice if we could get to

30  
00:01:26,859 --> 00:01:23,820  
the bottom of it to get the answer all

31  
00:01:29,510 --> 00:01:26,869  
the basic science research questions but

32  
00:01:32,149 --> 00:01:29,520  
I've been doing this for 80 years I'm

33  
00:01:34,640 --> 00:01:32,159  
gonna do it another 50 or so but I don't

34  
00:01:36,380 --> 00:01:34,650  
know that I'm I'm gonna get to really

35  
00:01:38,510 --> 00:01:36,390  
the answer so the question is right now

36  
00:01:40,399 --> 00:01:38,520  
is can I engineer something out of it

37  
00:01:42,740 --> 00:01:40,409  
and that's going to be the research

38  
00:01:45,530 --> 00:01:42,750

going forward in the next few months the

39

00:01:47,420 --> 00:01:45,540

mother lode that I'd really like is the

40

00:01:49,609 --> 00:01:47,430

development of a theoretical model but

41

00:01:51,859 --> 00:01:49,619

that's not on the immediate horizon so

42

00:01:53,749 --> 00:01:51,869

right now the question is can we develop

43

00:01:56,060 --> 00:01:53,759

a practical application can we capture

44

00:01:58,160 --> 00:01:56,070

the healing can we reproduce it can we

45

00:01:59,870 --> 00:01:58,170

turn it into in essence a conventional

46

00:02:04,340 --> 00:01:59,880

therapy but that's really the bottom

47

00:02:06,770 --> 00:02:04,350

line and what I'm gonna focus on

48

00:02:09,380 --> 00:02:06,780

skeptically is even looking at my past

49

00:02:09,680 --> 00:02:09,390

data some of you aware some of it but

50

00:02:12,350 --> 00:02:09,690

looking

51  
00:02:14,480 --> 00:02:12,360  
my past data it indicates if you look

52  
00:02:16,040 --> 00:02:14,490  
through a particular prism that yes you

53  
00:02:18,920 --> 00:02:16,050  
can capture it but if you look through a

54  
00:02:21,740 --> 00:02:18,930  
different skeptical prism it shows that

55  
00:02:23,690 --> 00:02:21,750  
I haven't yet made the case so I'd like

56  
00:02:25,370 --> 00:02:23,700  
to say I've made the case but I whenever

57  
00:02:29,090 --> 00:02:25,380  
I say something I try to talk myself out

58  
00:02:31,220 --> 00:02:29,100  
of it because I'm not a believer so I'm

59  
00:02:33,950 --> 00:02:31,230  
gonna focus on cancer experiments and

60  
00:02:37,010 --> 00:02:33,960  
I've done a lot of them these are ugly

61  
00:02:39,920 --> 00:02:37,020  
experiments they're on animals and this

62  
00:02:42,650 --> 00:02:39,930  
is the with a particular form of cancer

63  
00:02:45,200 --> 00:02:42,660

this is the number of experiments on at

64

00:02:47,600 --> 00:02:45,210

the various places so two experiments at

65

00:02:50,210 --> 00:02:47,610

City University of New York - one three

66

00:02:52,190 --> 00:02:50,220

like that and so there have been there

67

00:02:55,340 --> 00:02:52,200

I've done a lot of experiments so I am

68

00:02:57,230 --> 00:02:55,350

an I'm a data freak I'm gonna follow the

69

00:02:59,390 --> 00:02:57,240

data that data takes me on particularly

70

00:03:01,070 --> 00:02:59,400

winding roads and and so I'm going to be

71

00:03:05,210 --> 00:03:01,080

drawing on some only some of these

72

00:03:07,670 --> 00:03:05,220

there's much more oncogenic mice nude

73

00:03:10,010 --> 00:03:07,680

mice and we just keep going so I got a a

74

00:03:11,780 --> 00:03:10,020

selection of this to try to ask the

75

00:03:16,520 --> 00:03:11,790

question can we really store it and use

76

00:03:18,949 --> 00:03:16,530

it focus on a couple of examples here a

77

00:03:20,870 --> 00:03:18,959

mammary cancer the thing that matters is

78

00:03:23,750 --> 00:03:20,880

we have a hundred percent death in about

79

00:03:25,610 --> 00:03:23,760

a month once you inject these mice with

80

00:03:27,860 --> 00:03:25,620

cancer they're going to be dead in a

81

00:03:29,860 --> 00:03:27,870

month 100% of time there's thousands of

82

00:03:32,600 --> 00:03:29,870

published experiments on these mice so

83

00:03:35,030 --> 00:03:32,610

the the particular forms of cancer I'm

84

00:03:37,280 --> 00:03:35,040

going to show you are all non metastatic

85

00:03:39,170 --> 00:03:37,290

their external you can measure them you

86

00:03:40,610 --> 00:03:39,180

can see them but you don't have to go

87

00:03:44,180 --> 00:03:40,620

through blood tests and things along

88

00:03:46,640 --> 00:03:44,190

those lines so you have a mouse which

89

00:03:49,190 --> 00:03:46,650

the the tumor simply grows and it grows

90

00:03:51,770 --> 00:03:49,200

and it grows and the mouse dies in one

91

00:03:53,500 --> 00:03:51,780

of two ways the internal organs are

92

00:03:56,449 --> 00:03:53,510

crushed and or it dies of malnutrition

93

00:04:00,140 --> 00:03:56,459

you don't need to be a biologist to see

94

00:04:02,150 --> 00:04:00,150

this is the tumor this is not a good

95

00:04:04,699 --> 00:04:02,160

mouse so this is a mouse in quite a

96

00:04:07,009 --> 00:04:04,709

great deal of trouble and they all

97

00:04:11,410 --> 00:04:07,019

essentially die this way so what we do

98

00:04:16,440 --> 00:04:14,380

who put their hands around the cage and

99

00:04:19,150 --> 00:04:16,450

I'm using only pictures of myself

100

00:04:21,970 --> 00:04:19,160

because to protect the innocent but I

101  
00:04:23,800 --> 00:04:21,980  
use faculty member I use students I've

102  
00:04:26,950 --> 00:04:23,810  
never used a believer an interesting

103  
00:04:28,510 --> 00:04:26,960  
question is can a believer heal I don't

104  
00:04:30,400 --> 00:04:28,520  
know I can tell you non-believers can

105  
00:04:31,990 --> 00:04:30,410  
heal I don't know whether believers can

106  
00:04:34,180 --> 00:04:32,000  
heal so we did we put our hands around

107  
00:04:35,740 --> 00:04:34,190  
these cages and we do a technique that

108  
00:04:38,920 --> 00:04:35,750  
I'm not going to describe here but it

109  
00:04:42,520 --> 00:04:38,930  
involves very rapid imaging and when you

110  
00:04:46,360 --> 00:04:42,530  
do this what happens is the tumor grows

111  
00:04:49,270 --> 00:04:46,370  
anyway which is not what I want so this

112  
00:04:51,460 --> 00:04:49,280  
is not a psychokinetic effect this is

113  
00:04:54,520 --> 00:04:51,470

not me controlling nature by the force

114

00:04:57,570 --> 00:04:54,530

of my will this is nature does what it

115

00:05:02,520 --> 00:04:57,580

does as a consequence of doing this and

116

00:05:07,570 --> 00:05:02,530

so the tumor gets to a particular size

117

00:05:10,210 --> 00:05:07,580

it also rates slits open also rates and

118

00:05:13,830 --> 00:05:10,220

if I keep looking at this you'll see it

119

00:05:15,610 --> 00:05:13,840

implode and the mice are cured for life

120

00:05:17,500 --> 00:05:15,620

now that's interesting

121

00:05:19,870 --> 00:05:17,510

and one of the things I'll talk about

122

00:05:21,430 --> 00:05:19,880

here for example is not only the mice

123

00:05:22,750 --> 00:05:21,440

cured for life and we carry them for

124

00:05:24,790 --> 00:05:22,760

their entire lifespan and we've done a

125

00:05:27,040 --> 00:05:24,800

bunch of these things but if you reject

126

00:05:30,070 --> 00:05:27,050

them they're immune to cancer for the

127

00:05:34,120 --> 00:05:30,080

rest of their life can we engineer that

128

00:05:35,770 --> 00:05:34,130

into a conventional therapy this is a

129

00:05:39,250 --> 00:05:35,780

different kind of cancer slightly less

130

00:05:42,250 --> 00:05:39,260

aggressive same thing Don metastatic the

131

00:05:46,090 --> 00:05:42,260

thing grows it grows it grows and if you

132

00:05:49,659 --> 00:05:46,100

treat then a couple of this particular

133

00:05:51,550 --> 00:05:49,669

form of cancer gets cured in different

134

00:05:53,650 --> 00:05:51,560

ways though the mammary cancer you just

135

00:05:56,110 --> 00:05:53,660

saw and all of them go through the same

136

00:05:57,700 --> 00:05:56,120

process in this particular one they go

137

00:06:00,580 --> 00:05:57,710

through two different types of processes

138

00:06:01,990 --> 00:06:00,590

one there's a tumor and then you come in

139

00:06:04,690 --> 00:06:02,000

the next day and it's like somebody let

140

00:06:05,800 --> 00:06:04,700

the air out and then the most

141

00:06:07,390 --> 00:06:05,810

interesting thing is two mice

142

00:06:08,890 --> 00:06:07,400

mysteriously grow an arrow on their

143

00:06:11,469 --> 00:06:08,900

backs we don't know why that happens and

144

00:06:14,230 --> 00:06:11,479

the second way is similar to the mammary

145

00:06:17,409 --> 00:06:14,240

where you get this ulceration and then

146

00:06:19,839 --> 00:06:17,419

you get the implosion and so different

147

00:06:22,120 --> 00:06:19,849

cancers have different possibilities on

148

00:06:23,350 --> 00:06:22,130

route to being cured once again this is

149

00:06:24,999 --> 00:06:23,360

not a psychokinetic

150

00:06:27,279 --> 00:06:25,009

it's not happening because this is the

151  
00:06:29,740 --> 00:06:27,289  
thing we want to happen it's happening

152  
00:06:33,429 --> 00:06:29,750  
and we're simply following what what

153  
00:06:35,020 --> 00:06:33,439  
nature is doing and you can tell once

154  
00:06:36,700 --> 00:06:35,030  
the thing is cured it's like it never

155  
00:06:38,800 --> 00:06:36,710  
had it you can't find cancer in the

156  
00:06:40,689 --> 00:06:38,810  
animal for the rest of its lifespan so

157  
00:06:43,570 --> 00:06:40,699  
it's a reasonably interesting phenomenon

158  
00:06:44,409 --> 00:06:43,580  
we of course done this on people not

159  
00:06:45,969 --> 00:06:44,419  
like John

160  
00:06:47,050 --> 00:06:45,979  
well actually we did start with people

161  
00:06:49,390 --> 00:06:47,060  
and we went into the lab and then we

162  
00:06:51,879 --> 00:06:49,400  
came back to people it's it's much

163  
00:06:52,629 --> 00:06:51,889

harder on people because well first of

164

00:06:56,950 --> 00:06:52,639

all it's hard to get a middle little

165

00:06:58,540 --> 00:06:56,960

cages but but secondly it's it's there

166

00:07:00,490 --> 00:06:58,550

are too many complications in clinical

167

00:07:01,749 --> 00:07:00,500

work so what did they eat what are they

168

00:07:04,059 --> 00:07:01,759

what are they what did they you don't

169

00:07:07,119 --> 00:07:04,069

know and so clinical stuff is pretty

170

00:07:09,309 --> 00:07:07,129

complicated but this is six weeks apart

171

00:07:10,779 --> 00:07:09,319

roughly and they're processing things

172

00:07:13,179 --> 00:07:10,789

you don't want to see things you do want

173

00:07:15,850 --> 00:07:13,189

to see and again it's a process of going

174

00:07:18,580 --> 00:07:15,860

into cure and you can measure this these

175

00:07:20,529 --> 00:07:18,590

are week look week different images we

176

00:07:23,110 --> 00:07:20,539

can do it by blood tests we can do it by

177

00:07:24,760 --> 00:07:23,120

MRIs we can do it by we can do it by we

178

00:07:27,189 --> 00:07:24,770

can do it by there's a process each

179

00:07:31,749 --> 00:07:27,199

cancer seems to take on its own

180

00:07:33,550 --> 00:07:31,759

particular form of going to cure so this

181

00:07:35,920 --> 00:07:33,560

is an interesting observation which has

182

00:07:39,249 --> 00:07:35,930

to do whether you're dealing with people

183

00:07:43,409 --> 00:07:39,259

whether you dealing with mice this is

184

00:07:47,800 --> 00:07:43,419

not linear you don't have okay here's X

185

00:07:50,439 --> 00:07:47,810

produces Y X produces Y each treatment

186

00:07:52,749 --> 00:07:50,449

does and it doesn't progress in a linear

187

00:07:56,019 --> 00:07:52,759

fashion at all sometimes nothing happens

188

00:07:58,149 --> 00:07:56,029

for a long time but in all cases Animal

189

00:08:01,119 --> 00:07:58,159

Vegetable in human the stuff seems to

190

00:08:03,149 --> 00:08:01,129

occur in sudden bursts phase transitions

191

00:08:06,129 --> 00:08:03,159

we're not sure how to think about this

192

00:08:08,860 --> 00:08:06,139

so here's a wonderful picture frankly

193

00:08:11,529 --> 00:08:08,870

here's a an ulceration not quite as big

194

00:08:13,059 --> 00:08:11,539

as the last one that you saw and you see

195

00:08:15,579 --> 00:08:13,069

the ulceration what I want to point out

196

00:08:18,219 --> 00:08:15,589

is this is day 22 which means it's 22

197

00:08:19,629 --> 00:08:18,229

days subsequent to injection I'm going

198

00:08:23,480 --> 00:08:19,639

to show you the same mouse six days

199

00:08:28,950 --> 00:08:26,640

and I think of John's pictures of the

200

00:08:30,780 --> 00:08:28,960

person and so this is again I can't help

201  
00:08:32,790 --> 00:08:30,790  
it because it's so incredible it still

202  
00:08:35,640 --> 00:08:32,800  
freaks me out this is the biologist

203  
00:08:37,530 --> 00:08:35,650  
pulling back the fur to see where it was

204  
00:08:39,930 --> 00:08:37,540  
but if they're not pulling back the

205  
00:08:42,060 --> 00:08:39,940  
firts like it never had it so there's no

206  
00:08:45,780 --> 00:08:42,070  
cancer in this animal anymore and it

207  
00:08:47,940 --> 00:08:45,790  
happens in sudden bursts so some

208  
00:08:50,070 --> 00:08:47,950  
interesting observations one York

209  
00:08:53,160 --> 00:08:50,080  
doesn't want a petrified banana Niram

210  
00:08:54,540 --> 00:08:53,170  
but but the second thing is no mouse has

211  
00:08:56,460 --> 00:08:54,550  
and we have hundreds and hundreds of

212  
00:08:58,680 --> 00:08:56,470  
mice no mouse has ever had a recurrence

213  
00:09:01,650 --> 00:08:58,690

of cancer they're immune to repeated

214

00:09:02,700 --> 00:09:01,660

reinjection to the cancer and now we

215

00:09:05,460 --> 00:09:02,710

start to get into some pretty

216

00:09:08,730 --> 00:09:05,470

interesting things an infected mouse can

217

00:09:12,810 --> 00:09:08,740

be cured by cell transplantation of a

218

00:09:15,540 --> 00:09:12,820

treated mouse can we engineer something

219

00:09:20,390 --> 00:09:15,550

from this the cell line will no longer

220

00:09:23,310 --> 00:09:20,400

seed forward now I'm speculating here

221

00:09:25,860 --> 00:09:23,320

maybe there's an immune factor that can

222

00:09:28,170 --> 00:09:25,870

be transferred I'm not close to

223

00:09:30,650 --> 00:09:28,180

answering that question but watch this

224

00:09:35,760 --> 00:09:30,660

this is pretty interesting so here's a

225

00:09:39,450 --> 00:09:35,770

stupid animation you have this mouse has

226

00:09:41,250 --> 00:09:39,460

been treated by hands on it's not cured

227

00:09:45,540 --> 00:09:41,260

it's still got ulcerations it's pretty

228

00:09:49,200 --> 00:09:45,550

ugly this mouse has not been treated by

229

00:09:51,240 --> 00:09:49,210

hands on and it has a tumor this one is

230

00:09:54,840 --> 00:09:51,250

ulcerated so it's got the ugly looking

231

00:09:57,120 --> 00:09:54,850

thing this one just has the tumor that

232

00:10:00,690 --> 00:09:57,130

you saw that just keeps growing and so

233

00:10:02,760 --> 00:10:00,700

we take some cells and we plot them into

234

00:10:06,830 --> 00:10:02,770

this there's no healing going on now so

235

00:10:11,190 --> 00:10:06,840

this mouse has never met a healer and

236

00:10:16,920 --> 00:10:11,200

they're both cured now that's pretty

237

00:10:19,440 --> 00:10:16,930

interesting hopefully once we treat a

238

00:10:21,300 --> 00:10:19,450

cell line or we treat a bunch of mice

239

00:10:22,860 --> 00:10:21,310

you get a bunch of mice they grow tumors

240

00:10:25,200 --> 00:10:22,870

you take cells you see the next

241

00:10:27,780 --> 00:10:25,210

generation you see the next generate the

242

00:10:28,730 --> 00:10:27,790

cell line going the cell line won't go

243

00:10:32,580 --> 00:10:28,740

forward anymore

244

00:10:34,720 --> 00:10:32,590

you can't see the next generation that's

245

00:10:39,889 --> 00:10:34,730

reasonably interesting

246

00:10:42,560 --> 00:10:39,899

so what happens if you treat stuff so

247

00:10:45,050 --> 00:10:42,570

here's an example of an experiment done

248

00:10:46,670 --> 00:10:45,060

at UC San Diego who treated cell medium

249

00:10:48,290 --> 00:10:46,680

and then I am talking about treated

250

00:10:51,100 --> 00:10:48,300

water that was done at University

251  
00:10:54,550 --> 00:10:51,110  
Connecticut but the treated cell medium

252  
00:10:56,920 --> 00:10:54,560  
were taking ordinary off-the-shelf stuff

253  
00:11:00,110 --> 00:10:56,930  
nutrients that cells are grown in and

254  
00:11:01,400 --> 00:11:00,120  
you treat them so Nana you don't put

255  
00:11:02,570 --> 00:11:01,410  
them in a cage you just put them there

256  
00:11:04,519 --> 00:11:02,580  
and you're putting your hands around the

257  
00:11:06,889 --> 00:11:04,529  
thing and you're doing the the technique

258  
00:11:10,730 --> 00:11:06,899  
and such and then you grow cells in the

259  
00:11:15,470 --> 00:11:10,740  
medium and it turns out at San Diego

260  
00:11:18,170 --> 00:11:15,480  
anyway growing the cells this is the

261  
00:11:20,630 --> 00:11:18,180  
control number of cells and this is the

262  
00:11:22,790 --> 00:11:20,640  
treated stuff you don't need to do

263  
00:11:24,920 --> 00:11:22,800

statistical stuff on this so the minimum

264

00:11:29,480 --> 00:11:24,930

growth rate increase growth rate

265

00:11:31,490 --> 00:11:29,490

increase in the cancer 600 percent so

266

00:11:33,980 --> 00:11:31,500

the cancer in the first week this is at

267

00:11:35,660 --> 00:11:33,990

UC San Diego moves along nothing's going

268

00:11:37,370 --> 00:11:35,670

on nothing's going on nothing's going on

269

00:11:42,740 --> 00:11:37,380

think phase transition it suddenly

270

00:11:46,760 --> 00:11:42,750

explodes and the cancer goes wild eight

271

00:11:50,389 --> 00:11:46,770

two techs in the lab I'm not allowed

272

00:11:52,370 --> 00:11:50,399

back in San Diego now that's interesting

273

00:11:55,010 --> 00:11:52,380

this actually was according to what I

274

00:11:58,400 --> 00:11:55,020

expected in the sense that I don't think

275

00:12:01,160 --> 00:11:58,410

healing is stuff that's static in any

276

00:12:03,590 --> 00:12:01,170

way I think healing is occurs as a

277

00:12:06,290 --> 00:12:03,600

response to need what does a cancer cell

278

00:12:09,440 --> 00:12:06,300

need in a dish what does cancer like to

279

00:12:10,850 --> 00:12:09,450

do it likes to grow if you put that

280

00:12:13,760 --> 00:12:10,860

cancer in the mouse it doesn't like to

281

00:12:16,310 --> 00:12:13,770

grow I think if we took we haven't done

282

00:12:18,610 --> 00:12:16,320

this if we took supercharged cells and

283

00:12:21,699 --> 00:12:18,620

stuck them in a mouse it would implode

284

00:12:25,269 --> 00:12:21,709

don't know speculation we got to do this

285

00:12:27,350 --> 00:12:25,279

replicated this once John I just left me

286

00:12:29,090 --> 00:12:27,360

didn't get didn't get a similar effect

287

00:12:31,069 --> 00:12:29,100

don't know if we were doing exactly the

288

00:12:34,220 --> 00:12:31,079

same thing but it's it's an interesting

289

00:12:35,780 --> 00:12:34,230

phenomenon treated water bottles so

290

00:12:37,730 --> 00:12:35,790

again you don't meet the mice you're

291

00:12:41,990 --> 00:12:37,740

treating putting your hands around water

292

00:12:45,470 --> 00:12:42,000

which is fed to the mice mice or

293

00:12:50,670 --> 00:12:45,480

someplace else cured

294

00:12:53,670 --> 00:12:50,680

now what does that mean well recapping

295

00:12:55,590 --> 00:12:53,680

the top stories an infected mouse can be

296

00:12:58,019 --> 00:12:55,600

cured by cell transplantation from a

297

00:12:59,670 --> 00:12:58,029

treated Mouse pretty interesting the

298

00:13:01,980 --> 00:12:59,680

treatment of mice will interfere with

299

00:13:04,949 --> 00:13:01,990

the ability of the cell line to seed

300

00:13:06,600 --> 00:13:04,959

forward reasonably interesting treatment

301

00:13:10,110 --> 00:13:06,610

of the cell medium will affect growth

302

00:13:14,519 --> 00:13:10,120

and mice drinking treated water will be

303

00:13:16,710 --> 00:13:14,529

cured so now think like an engineer till

304

00:13:18,569 --> 00:13:16,720

we build something from that well it

305

00:13:20,550 --> 00:13:18,579

would all evidence is pointing in that

306

00:13:22,199 --> 00:13:20,560

direction but again you're looking at a

307

00:13:25,769 --> 00:13:22,209

skeptic let's see if we can talk

308

00:13:28,439 --> 00:13:25,779

ourselves out of that sold the but and

309

00:13:31,290 --> 00:13:28,449

here's the but there's we seem to have

310

00:13:33,689 --> 00:13:31,300

this strange phenomenon of resin and

311

00:13:36,449 --> 00:13:33,699

bonding which occurs and this is

312

00:13:39,090 --> 00:13:36,459

experimentally annoying but clinically

313

00:13:41,129 --> 00:13:39,100

and and also experimentally interesting

314

00:13:43,379 --> 00:13:41,139

and may lead to a new way of thinking

315

00:13:46,560 --> 00:13:43,389

about how experiments work in the

316

00:13:49,380 --> 00:13:46,570

parameters under which they work so

317

00:13:52,110 --> 00:13:49,390

here's the problem in healing

318

00:13:54,600 --> 00:13:52,120

experiments the experimental and control

319

00:13:58,290 --> 00:13:54,610

groups seem to become and I'm using it

320

00:14:01,530 --> 00:13:58,300

loosely entangled so we normally go

321

00:14:03,780 --> 00:14:01,540

through life and I get a bunch of mice

322

00:14:05,490 --> 00:14:03,790

here and a bunch of mice here and I

323

00:14:06,810 --> 00:14:05,500

assume since ones here and ones they are

324

00:14:08,130 --> 00:14:06,820

they're independent of each other but

325

00:14:11,100 --> 00:14:08,140

what if they're not independent of each

326

00:14:14,189 --> 00:14:11,110

other what if I zap this one and this

327

00:14:15,840 --> 00:14:14,199

one gets a treatment and this seems to

328

00:14:19,800 --> 00:14:15,850

be happening in the healing experiments

329

00:14:21,360 --> 00:14:19,810

under selected conditions and if a

330

00:14:23,130 --> 00:14:21,370

treatment given to an experimental group

331

00:14:28,470 --> 00:14:23,140

will result in a treatment given to the

332

00:14:30,300 --> 00:14:28,480

untreated and they all get cured if they

333

00:14:32,340 --> 00:14:30,310

all get cured you say well then there's

334

00:14:33,900 --> 00:14:32,350

no the conclusion of an experiment is

335

00:14:34,889 --> 00:14:33,910

what's the difference between the two

336

00:14:36,569 --> 00:14:34,899

groups so there's no difference

337

00:14:40,490 --> 00:14:36,579

everybody's cured so what does that mean

338

00:14:42,720 --> 00:14:40,500

nothing happened that's a type two error

339

00:14:44,939 --> 00:14:42,730

how many type two errors are going out

340

00:14:47,879 --> 00:14:44,949

there in experimental methods how much

341

00:14:50,309 --> 00:14:47,889

how much how many times is it possible

342

00:14:51,930 --> 00:14:50,319

that we might have some bonding I have

343

00:14:53,579 --> 00:14:51,940

some indications that there's bonding

344

00:14:55,199 --> 00:14:53,589

with cell cultures certainly there's an

345

00:14:57,120 --> 00:14:55,209

indication that there's bonding with

346

00:14:58,410 --> 00:14:57,130

people certainly there's an indication

347

00:15:00,329 --> 00:14:58,420

there's bonding with

348

00:15:03,420 --> 00:15:00,339

animals it's a reasonably interesting

349

00:15:06,600 --> 00:15:03,430

phenomenon keep your eye open for type 2

350

00:15:09,389 --> 00:15:06,610

errors so here's an example of an

351  
00:15:13,230 --> 00:15:09,399  
experiment I'm just giving you the

352  
00:15:15,990 --> 00:15:13,240  
simple guts we have these are treated

353  
00:15:18,500 --> 00:15:16,000  
cages so somebody is putting their hands

354  
00:15:24,900 --> 00:15:21,389  
we have controls that these are

355  
00:15:29,430 --> 00:15:24,910  
someplace far away in the same building

356  
00:15:30,980 --> 00:15:29,440  
and here are controls that we didn't

357  
00:15:35,840 --> 00:15:30,990  
know about

358  
00:15:38,639 --> 00:15:35,850  
so this cot does awareness matter so

359  
00:15:41,519 --> 00:15:38,649  
typical controls second controls just to

360  
00:15:45,180 --> 00:15:41,529  
screw with each other's heads these labs

361  
00:15:46,740 --> 00:15:45,190  
are working on the same model this

362  
00:15:48,780 --> 00:15:46,750  
incidentally is the white mice that you

363  
00:15:50,220 --> 00:15:48,790

just saw so we got a bunch of white mice

364

00:15:51,930 --> 00:15:50,230

a bunch of white mice a bunch of white

365

00:15:54,509 --> 00:15:51,940

mice and there's many more cages than

366

00:15:56,850 --> 00:15:54,519

three bunch of controls bunch of

367

00:15:58,470 --> 00:15:56,860

controls and now hundreds of mice in

368

00:15:59,910 --> 00:15:58,480

these labs that are independent and

369

00:16:05,780 --> 00:15:59,920

they're doing traditional cancer

370

00:16:10,380 --> 00:16:05,790

research now if there's resonant bonding

371

00:16:14,310 --> 00:16:10,390

or there is more for genetic field think

372

00:16:17,009 --> 00:16:14,320

Sheldrake and Rupert and I have had it

373

00:16:18,960 --> 00:16:17,019

out about this if it's a morphic

374

00:16:21,120 --> 00:16:18,970

genetic field then you would expect a

375

00:16:22,500 --> 00:16:21,130

field effect of similar mice if there

376

00:16:25,680 --> 00:16:22,510

was a healing effect that would extend

377

00:16:28,110 --> 00:16:25,690

outward and it should it should infect

378

00:16:31,350 --> 00:16:28,120

if these are going to be infected by the

379

00:16:33,180 --> 00:16:31,360

treatment and they these are closer then

380

00:16:34,800 --> 00:16:33,190

the prediction would be what that that

381

00:16:36,960 --> 00:16:34,810

all of the mice similar types of mice

382

00:16:40,319 --> 00:16:36,970

should be cured if there is a healing

383

00:16:43,850 --> 00:16:40,329

effect but what actually happens is only

384

00:16:47,309 --> 00:16:43,860

the ones in our experiment are cured

385

00:16:50,009 --> 00:16:47,319

this happens over and over same labs

386

00:16:52,620 --> 00:16:50,019

same same University same everything

387

00:16:54,720 --> 00:16:52,630

there's no noticeable effect on the ones

388

00:16:57,000 --> 00:16:54,730

that are not part of our experiments the

389

00:16:59,370 --> 00:16:57,010

controls which no healer has ever seen

390

00:17:03,540 --> 00:16:59,380

get cured and the ones that we didn't

391

00:17:05,039 --> 00:17:03,550

even know existed get cured now if you

392

00:17:10,720 --> 00:17:05,049

do this once you say well the labs

393

00:17:15,880 --> 00:17:13,929

six different labs it's too coincidental

394

00:17:20,260 --> 00:17:15,890

that all labs are incompetent when I

395

00:17:23,949 --> 00:17:20,270

walk in I'm fine saying I'm incompetent

396

00:17:27,789 --> 00:17:23,959

but every lab it's still not so simple

397

00:17:29,650 --> 00:17:27,799

the bonds seem to be fluid so the

398

00:17:31,690 --> 00:17:29,660

question is the motherlode question

399

00:17:33,490 --> 00:17:31,700

frankly is can the bonds be produced by

400

00:17:37,180 --> 00:17:33,500

exposure to the healer by the shared

401  
00:17:42,039 --> 00:17:37,190  
experiences among the Healy's can bonds

402  
00:17:45,940 --> 00:17:42,049  
be broken so another experiment this is

403  
00:17:50,169 --> 00:17:45,950  
a wonderful one a bunch of cages and

404  
00:17:52,750 --> 00:17:50,179  
this is actually is is I had three

405  
00:17:55,539 --> 00:17:52,760  
biologists skeptical biologists working

406  
00:17:56,380 --> 00:17:55,549  
on some cages and they said you're nuts

407  
00:17:59,980 --> 00:17:56,390  
I said fine

408  
00:18:03,130 --> 00:17:59,990  
do it anyway I had two non biologists

409  
00:18:05,980 --> 00:18:03,140  
working on some cages I had a control

410  
00:18:07,180 --> 00:18:05,990  
lab going on here I never saw them I'm

411  
00:18:09,930 --> 00:18:07,190  
not even allowed in the building and

412  
00:18:12,280 --> 00:18:09,940  
there was a second control sent off-site

413  
00:18:13,840 --> 00:18:12,290

out of the B was actually out of the

414

00:18:16,720 --> 00:18:13,850

city who were trying to get the damn

415

00:18:19,810 --> 00:18:16,730

controls to die so we tell the

416

00:18:21,549 --> 00:18:19,820

biologists don't go near anything that

417

00:18:24,340 --> 00:18:21,559

that isn't part of the experiment

418

00:18:25,930 --> 00:18:24,350

because there might in fact be control

419

00:18:27,760 --> 00:18:25,940

stare don't look at the controls now

420

00:18:30,970 --> 00:18:27,770

what happens to a you tell a biologist

421

00:18:35,799 --> 00:18:30,980

not to go look in the room they go to

422

00:18:37,890 --> 00:18:35,809

the room and they come back and they go

423

00:18:40,659 --> 00:18:37,900

I didn't do it I didn't do it wasn't me

424

00:18:43,450 --> 00:18:40,669

non biologists are much more compliant

425

00:18:47,669 --> 00:18:43,460

and so here's what happens the biologist

426

00:18:50,740 --> 00:18:47,679

labs mice that they're treating died

427

00:18:55,030 --> 00:18:50,750

the controls are cured the only ones to

428

00:18:58,810 --> 00:18:55,040

see them of the biologists in this

429

00:19:01,570 --> 00:18:58,820

wonderful and the non biologists they

430

00:19:03,280 --> 00:19:01,580

get cured and the controls they get

431

00:19:05,380 --> 00:19:03,290

cured now in this particular experiment

432

00:19:07,960 --> 00:19:05,390

we had a second group of cages we told

433

00:19:09,870 --> 00:19:07,970

him to take it home biologists and non

434

00:19:13,600 --> 00:19:09,880

biologists and here's what happened

435

00:19:16,780 --> 00:19:13,610

everybody got cured biologists can cure

436

00:19:22,880 --> 00:19:16,790

at home it turns out no biologist should

437

00:19:30,060 --> 00:19:28,080

that might have implications so some

438

00:19:31,860 --> 00:19:30,070

questions was that the cell transplants

439

00:19:34,110 --> 00:19:31,870

that cured was it the treated medium

440

00:19:36,540 --> 00:19:34,120

that cured was it really the water that

441

00:19:39,870 --> 00:19:36,550

cured if the the resonant bonds are

442

00:19:42,650 --> 00:19:39,880

fluid and not local you see that this

443

00:19:46,650 --> 00:19:42,660

becomes a methodological conundrum so

444

00:19:51,840 --> 00:19:46,660

I'm about to start a healing research

445

00:19:53,670 --> 00:19:51,850

agenda can we treat cotton and we don't

446

00:19:55,680 --> 00:19:53,680

do any of the know humans are involved

447

00:19:57,570 --> 00:19:55,690

we just get the cotton can the cotton

448

00:20:00,390 --> 00:19:57,580

produce it can the water alone produce

449

00:20:03,630 --> 00:20:00,400

it if that happens will it work with

450

00:20:07,110 --> 00:20:03,640

cell transplantation after that so we've

451

00:20:09,990 --> 00:20:07,120

got a biological part of the problem

452

00:20:12,630 --> 00:20:10,000

going on can can it be stored and can it

453

00:20:15,300 --> 00:20:12,640

actually happen if we got water in the

454

00:20:17,460 --> 00:20:15,310

treated medium and other stuff is going

455

00:20:20,280 --> 00:20:17,470

on with actual healers was it the water

456

00:20:23,760 --> 00:20:20,290

or was it the resonant bonding I don't

457

00:20:28,020 --> 00:20:23,770

know and we got a physics side of this

458

00:20:31,650 --> 00:20:28,030

going on can we find X and if so can

459

00:20:33,660 --> 00:20:31,660

that reproduce the cure so although

460

00:20:35,550 --> 00:20:33,670

we've produced the cure of these ways we

461

00:20:37,740 --> 00:20:35,560

don't know why and we haven't really

462

00:20:39,690 --> 00:20:37,750

isolated it you don't walk around going

463

00:20:43,500 --> 00:20:39,700

treated water cured the mice therefore

464

00:20:45,480 --> 00:20:43,510

look we did it with stored it becomes

465

00:20:48,300 --> 00:20:45,490

much more difficult than that so the

466

00:20:51,050 --> 00:20:48,310

bottom line is can anomalous healing be

467

00:20:53,610 --> 00:20:51,060

transformed into a conventional therapy

468

00:20:55,110 --> 00:20:53,620

it's still a question mark hopefully

469

00:21:04,250 --> 00:20:55,120

I'll find out in the next few months

470

00:21:04,260 --> 00:21:10,170

thank you for your attention

471

00:21:21,330 --> 00:21:16,159

[Applause]

472

00:21:23,150 --> 00:21:21,340

bill question you said your mice when

473

00:21:26,220 --> 00:21:23,160

you bring the cell line forward they

474

00:21:29,669 --> 00:21:26,230

they they don't catch the cancer but if

475

00:21:31,860 --> 00:21:29,679

I'm not mistaken the initial cancer is

476  
00:21:36,120 --> 00:21:31,870  
initiated by the methyl whatever have

477  
00:21:38,070 --> 00:21:36,130  
you ever tried reinitiating trying to

478  
00:21:42,900 --> 00:21:38,080  
reinitiate the cancer in a mice where

479  
00:21:45,210 --> 00:21:42,910  
the agent used in the first place the

480  
00:21:49,440 --> 00:21:45,220  
first statement is is slightly off the

481  
00:21:51,630 --> 00:21:49,450  
the as a general rule you can't seed it

482  
00:21:54,060 --> 00:21:51,640  
forward but there have been some mice

483  
00:21:56,280 --> 00:21:54,070  
that start to develop the tumor and then

484  
00:21:58,740 --> 00:21:56,290  
the tumor collapses without any further

485  
00:22:01,320 --> 00:21:58,750  
healing so at the very least it seems to

486  
00:22:03,750 --> 00:22:01,330  
have been weakened the cancer you may

487  
00:22:06,060 --> 00:22:03,760  
know yes so it doesn't seem to it's not

488  
00:22:07,260 --> 00:22:06,070

a lethal dose anymore but something like

489

00:22:09,180 --> 00:22:07,270

the cancer tries to Rend then it

490

00:22:11,250 --> 00:22:09,190

collapses on its own whether that's

491

00:22:12,690 --> 00:22:11,260

because of the cell line collapse or

492

00:22:15,180 --> 00:22:12,700

because of something else that we're

493

00:22:16,440 --> 00:22:15,190

doing going on again that makes it the

494

00:22:19,080 --> 00:22:16,450

method logical conundrum but to answer

495

00:22:21,960 --> 00:22:19,090

your second question know what was my

496

00:22:24,210 --> 00:22:21,970

second question could you play the tape

497

00:22:25,350 --> 00:22:24,220

back please yes so it's it yeah no I

498

00:22:27,780 --> 00:22:25,360

haven't tried it with the original

499

00:22:29,370 --> 00:22:27,790

material okay so I think this is a

500

00:22:32,070 --> 00:22:29,380

really important question the reason I

501  
00:22:34,440 --> 00:22:32,080  
bring it up is is with the whole idea of

502  
00:22:36,210 --> 00:22:34,450  
a genetic mouse model it done on me

503  
00:22:37,950 --> 00:22:36,220  
recently what was really interesting is

504  
00:22:40,590 --> 00:22:37,960  
there's an assumption that it's a

505  
00:22:42,180 --> 00:22:40,600  
genetic issue rather than what I'll call

506  
00:22:44,610 --> 00:22:42,190  
it tox illogical is true but how was the

507  
00:22:46,650 --> 00:22:44,620  
cancer initiated with a toxin so it's

508  
00:22:48,030 --> 00:22:46,660  
kind of funny though people think well

509  
00:22:49,710 --> 00:22:48,040  
okay we're good studied the genetics

510  
00:22:52,080 --> 00:22:49,720  
well how did you initiate that cancer

511  
00:22:53,370 --> 00:22:52,090  
well with the toxin like well I haven't

512  
00:22:55,590 --> 00:22:53,380  
I have a run but then we got to keep

513  
00:22:59,880 --> 00:22:55,600

moving I haven't run on aquagenic mice

514

00:23:01,950 --> 00:22:59,890

at UC San Diego bill I've been hearing

515

00:23:05,330 --> 00:23:01,960

your report for many years and obviously

516

00:23:09,960 --> 00:23:05,340

I assume you want to cure humans

517

00:23:12,840 --> 00:23:09,970

eventually what humans why because we

518

00:23:14,460 --> 00:23:12,850

want we probably happy that you wouldn't

519

00:23:16,440 --> 00:23:14,470

cure the mice and this we don't have to

520

00:23:18,960 --> 00:23:16,450

use my stress my personal mission is to

521

00:23:21,960 --> 00:23:18,970

save the rodents

522

00:23:24,450 --> 00:23:21,970

people are annoying have you met any so

523

00:23:27,029 --> 00:23:24,460

if you go to humans that I think maybe

524

00:23:31,200 --> 00:23:27,039

you address this before if there's

525

00:23:33,750 --> 00:23:31,210

cancer say breast cancer these patients

526

00:23:36,450 --> 00:23:33,760

are going to first go to radiation or

527

00:23:39,450 --> 00:23:36,460

chemotherapy and I don't know if I'm

528

00:23:42,269 --> 00:23:39,460

true that if you do that does that

529

00:23:45,659 --> 00:23:42,279

negate your study your work and what

530

00:23:50,039 --> 00:23:45,669

interval you need to do do that stuff on

531

00:23:52,230 --> 00:23:50,049

them enough on the mice before I like

532

00:23:55,350 --> 00:23:52,240

John we started clinically and then went

533

00:23:57,750 --> 00:23:55,360

to two animals and in the clinical

534

00:24:01,769 --> 00:23:57,760

applications of this the healing

535

00:24:03,870 --> 00:24:01,779

combined with therapies that kill I'll

536

00:24:05,669 --> 00:24:03,880

just say interfere with it and so you

537

00:24:08,039 --> 00:24:05,679

don't get the same kind of results

538

00:24:09,690 --> 00:24:08,049

healing and killing or not not not great

539

00:24:13,409 --> 00:24:09,700

combinations I have not done this

540

00:24:14,789 --> 00:24:13,419

experimentally on the mice no I on the

541

00:24:17,250 --> 00:24:14,799

drawing board I got a boatload of

542

00:24:20,700 --> 00:24:17,260

questions that I have to do but one of

543

00:24:22,769 --> 00:24:20,710

them is is treated and then radiated

544

00:24:24,509 --> 00:24:22,779

radiated then treated and all sorts of

545

00:24:29,759 --> 00:24:24,519

permutations you move there we have not

546

00:24:33,590 --> 00:24:29,769

yet done it yep bill do you have any

547

00:24:36,120 --> 00:24:33,600

suggestions for how to present this to

548

00:24:40,320 --> 00:24:36,130

conventional cancer researchers without

549

00:24:42,810 --> 00:24:40,330

getting laughed out of court yeah I I've

550

00:24:44,250 --> 00:24:42,820

spoken at a bunch three of these

551  
00:24:47,009 --> 00:24:44,260  
experiments are done at three different

552  
00:24:50,100 --> 00:24:47,019  
medical schools and before I start at

553  
00:24:51,990 --> 00:24:50,110  
the medical school I'm invited to to

554  
00:24:54,060 --> 00:24:52,000  
either give a general address to a

555  
00:24:57,570 --> 00:24:54,070  
medical school or to a department of

556  
00:25:01,980 --> 00:24:57,580  
oncology I've had the most fun I would

557  
00:25:05,490 --> 00:25:01,990  
say I've had is addressing 75

558  
00:25:07,289 --> 00:25:05,500  
oncologists you want to see believers

559  
00:25:09,990 --> 00:25:07,299  
yeah they believe I'm really full of it

560  
00:25:12,149 --> 00:25:10,000  
and and so they go after me for hours I

561  
00:25:14,549 --> 00:25:12,159  
mean they want to cut my knees out

562  
00:25:16,230 --> 00:25:14,559  
everything else and there's there's

563  
00:25:18,240 --> 00:25:16,240

actually they had to go to cameras and

564

00:25:20,220 --> 00:25:18,250

second rooms as the crowd starting and I

565

00:25:21,419 --> 00:25:20,230

have to tell you at the end I got a

566

00:25:23,480 --> 00:25:21,429

standing ovation because they couldn't

567

00:25:26,700 --> 00:25:23,490

find a flaw

568

00:25:29,039 --> 00:25:26,710

I'm currently invited to give a talk at

569

00:25:30,240 --> 00:25:29,049

Mount Sinai Medical School in New York

570

00:25:32,040 --> 00:25:30,250

City

571

00:25:34,170 --> 00:25:32,050

maybe there'll be some research going

572

00:25:39,120 --> 00:25:34,180

there also so that doesn't mean it'll

573

00:25:41,900 --> 00:25:39,130

catch on but to date I you know I've

574

00:25:43,050 --> 00:25:41,910

spoken at folk traditional folks yeah

575

00:25:47,670 --> 00:25:43,060

Garrett

576

00:25:50,970 --> 00:25:47,680

so most sigh phenomena occur well if not

577

00:25:53,340 --> 00:25:50,980

better with time displacement mm-hmm

578

00:25:58,440 --> 00:25:53,350

have you ever done retro causal healing

579

00:26:01,050 --> 00:25:58,450

no I want to very much John left John

580

00:26:03,600 --> 00:26:01,060

Ives but we've done replications of

581

00:26:05,220 --> 00:26:03,610

things near and far and have not seen

582

00:26:07,680 --> 00:26:05,230

diminishment with distance he said it

583

00:26:10,650 --> 00:26:07,690

goes with the inverse square law I don't

584

00:26:12,630 --> 00:26:10,660

see that I don't find that at all

585

00:26:15,210 --> 00:26:12,640

the time displacement thing is really

586

00:26:17,190 --> 00:26:15,220

fascinating but no I've never done it so

587

00:26:19,290 --> 00:26:17,200

then the follow-on question is do you

588

00:26:21,750 --> 00:26:19,300

think you could interpret some of your

589

00:26:23,760 --> 00:26:21,760

current results as time displacement it

590

00:26:26,970 --> 00:26:23,770

could be it could be and that would

591

00:26:28,470 --> 00:26:26,980

become you know like you have to pretend

592

00:26:31,740 --> 00:26:28,480

that physically separate things are

593

00:26:33,270 --> 00:26:31,750

independent I am currently in the stage

594

00:26:35,760 --> 00:26:33,280

of research where I have to pretend that

595

00:26:38,730 --> 00:26:35,770

the president is still the present and

596

00:26:41,250 --> 00:26:38,740

both of those may be you know those both

597

00:26:43,740 --> 00:26:41,260

of those are leaps of faith so yeah I've

598

00:26:45,300 --> 00:26:43,750

given up I I have retired from the

599

00:26:47,850 --> 00:26:45,310

religion that separateness means

600

00:26:49,230 --> 00:26:47,860

independence I'm still kind of trying to

