

Episode **607**

THE
**SKEPTIC
ZONE**
PODCAST

www.skepticzone.tv

31 May 2020

Homeopathy in India
with Abhijit Chanda

About Time!
Susan Gerbic's
"Psychic Sting"

Dr Paulie with
Skepticon 2020 Update

Catriona Nguyen-Robertson
Vaccination Myths



1
00:00:11,860 --> 00:00:09,120
welcome to the skeptic zone the podcast

2
00:00:23,249 --> 00:00:11,870
from Australia for science and reason

3
00:00:25,749 --> 00:00:23,259
[Music]

4
00:00:29,700 --> 00:00:25,759
yes it's the skeptic zone podcast

5
00:00:32,260 --> 00:00:29,710
episode number 607 for the 31st of May

6
00:00:36,160 --> 00:00:32,270
2020 richardsaunders here with you from

7
00:00:38,680 --> 00:00:36,170
Sydney Australia on the last day of

8
00:00:40,450 --> 00:00:38,690
autumn well it officially in Australia

9
00:00:42,299 --> 00:00:40,460
this is the last day of autumn tomorrow

10
00:00:45,280 --> 00:00:42,309
is officially the first day of winter

11
00:00:47,259 --> 00:00:45,290
for some reason Australia works that way

12
00:00:49,780 --> 00:00:47,269
coming up on this week's show we're

13
00:00:52,630 --> 00:00:49,790

going to be chatting to Abhijit chunder

14

00:00:55,420 --> 00:00:52,640

from new delhi india he's going to be

15

00:00:58,149 --> 00:00:55,430

telling us about the covert 19 situation

16

00:01:02,410 --> 00:00:58,159

there in regards to the widespread use

17

00:01:05,859 --> 00:01:02,420

of homeopathy and here in Australia

18

00:01:10,030 --> 00:01:05,869

various websites namely homeopathy Plus

19

00:01:12,070 --> 00:01:10,040

I've been making much of the fact that

20

00:01:14,380 --> 00:01:12,080

India are doing extremely well

21

00:01:16,270 --> 00:01:14,390

fighting covert 19 obviously because

22

00:01:18,300 --> 00:01:16,280

they use homeopathy we'll try to get to

23

00:01:21,609 --> 00:01:18,310

the bottom of that with AB Ajit

24

00:01:24,730 --> 00:01:21,619

following that it's susan gerbic with a

25

00:01:27,280 --> 00:01:24,740

report about a sort of a sting operation

26
00:01:30,610 --> 00:01:27,290
on yet another person claiming to have

27
00:01:32,649 --> 00:01:30,620
mystical psychic powers this time this

28
00:01:37,110 --> 00:01:32,659
psychic the so-called psychic was in New

29
00:01:40,300 --> 00:01:37,120
Zealand and Susan was part of an online

30
00:01:43,750 --> 00:01:40,310
session with this psychic what can we

31
00:01:46,780 --> 00:01:43,760
discover about conspiracy theories and

32
00:01:49,750 --> 00:01:46,790
covert 19 then we have our very own dr.

33
00:01:51,700 --> 00:01:49,760
Polly with a random rant dr. Polly with

34
00:01:53,620 --> 00:01:51,710
a very important announcement about the

35
00:01:55,899 --> 00:01:53,630
upcoming skeptic on the Australian

36
00:01:59,380 --> 00:01:55,909
skeptics National Convention and how you

37
00:02:02,980 --> 00:01:59,390
no matter where you are around the world

38
00:02:06,310 --> 00:02:02,990

can join in then to round off the show i

39

00:02:08,529 --> 00:02:06,320

chat to immunology student Catriona new

40

00:02:11,920 --> 00:02:08,539

and robinson about some of the more

41

00:02:15,070 --> 00:02:11,930

common myths and misunderstandings and

42

00:02:17,890 --> 00:02:15,080

miss concepts lots of myths there about

43

00:02:19,929 --> 00:02:17,900

vaccinations and this interview is with

44

00:02:22,420 --> 00:02:19,939

thanks to the point of science

45

00:02:24,509 --> 00:02:22,430

organization stay tuned at the end of

46

00:02:26,800 --> 00:02:24,519

the show for more announcements from me

47

00:02:29,860 --> 00:02:26,810

but now it's time for me to run

48

00:02:32,770 --> 00:02:29,870

downstairs and cook up some breakfast

49

00:02:37,120 --> 00:02:32,780

curry versed meat and with

50

00:02:39,370 --> 00:02:37,130

sauerkraut and spargle hmm they're all

51
00:02:42,320 --> 00:02:39,380
sounds very Mecca well I do that I hope

52
00:03:03,100 --> 00:02:42,330
you enjoy the skeptic zone

53
00:03:05,509 --> 00:03:03,110
[Music]

54
00:03:07,460 --> 00:03:05,519
joining me now all the way from New

55
00:03:10,460 --> 00:03:07,470
Delhi in India it's a beautiful place

56
00:03:13,820 --> 00:03:10,470
it's the host of the rational podcast

57
00:03:16,910 --> 00:03:13,830
ABBA Jeet chunder Hey hi how are you

58
00:03:19,550 --> 00:03:16,920
doing I'm doing very well and Australia

59
00:03:22,819 --> 00:03:19,560
isn't doing too bad all sorts of things

60
00:03:24,979 --> 00:03:22,829
are being well unrestricted I guess

61
00:03:27,619 --> 00:03:24,989
you'd say now I've made contact with you

62
00:03:30,319 --> 00:03:27,629
there in India cuz you were a guest on

63
00:03:32,539 --> 00:03:30,329

our show some weeks ago when you were

64

00:03:34,339 --> 00:03:32,549

telling us about your podcast but I've

65

00:03:37,789 --> 00:03:34,349

contacted you today to talk about the

66

00:03:40,420 --> 00:03:37,799

ongoing claims that have been made for

67

00:03:43,099 --> 00:03:40,430

the ongoing success apparently of

68

00:03:47,479 --> 00:03:43,109

homeopathy in India

69

00:03:49,849 --> 00:03:47,489

isn't it wonderful really it's just so

70

00:03:53,240 --> 00:03:49,859

good to hear and I refer to the website

71

00:03:56,360 --> 00:03:53,250

of homeopathy plus here in Australia

72

00:03:59,210 --> 00:03:56,370

which basically says Wow India is doing

73

00:04:01,250 --> 00:03:59,220

so well could it be could it be because

74

00:04:04,069 --> 00:04:01,260

the government is supplying the

75

00:04:07,940 --> 00:04:04,079

population with homeopathic treatment

76

00:04:10,729 --> 00:04:07,950

now I note the official statistics the

77

00:04:13,039 --> 00:04:10,739

day of recording this which is the 30th

78

00:04:19,000 --> 00:04:13,049

of May well according to the Indian

79

00:04:23,089 --> 00:04:19,010

government there are only 4971 deaths of

80

00:04:26,510 --> 00:04:23,099

jutsu cove at 19 and I must admit to

81

00:04:29,719 --> 00:04:26,520

being well a little bit skeptical of

82

00:04:32,330 --> 00:04:29,729

those numbers yeah so am i and there's

83

00:04:36,050 --> 00:04:32,340

good reason to be we don't really know

84

00:04:38,839 --> 00:04:36,060

the exact numbers because well first of

85

00:04:40,070 --> 00:04:38,849

all we don't know how many people are I

86

00:04:42,320 --> 00:04:40,080

mean there because there are lots of

87

00:04:44,600 --> 00:04:42,330

people who are not being tested first of

88

00:04:47,570 --> 00:04:44,610

all and not a lot of people who are not

89

00:04:50,180 --> 00:04:47,580

being hospitalized all and a lot of

90

00:04:53,020 --> 00:04:50,190

people whose stories are not being told

91

00:04:55,939 --> 00:04:53,030

and recently I read an article on

92

00:04:59,839 --> 00:04:55,949

Science Magda org which is you know for

93

00:05:01,909 --> 00:04:59,849

the journal science they have a story of

94

00:05:04,520 --> 00:05:01,919

a recent

95

00:05:06,770 --> 00:05:04,530

coronavirus case where a gentleman

96

00:05:10,129 --> 00:05:06,780

called Nasim Qureshi he suddenly

97

00:05:13,969 --> 00:05:10,139

developed a fever a cough shortness of

98

00:05:16,989 --> 00:05:13,979

breath he lives in Mumbai and he tried

99

00:05:19,279 --> 00:05:16,999

to get admitted to a hospital and he

100

00:05:23,059 --> 00:05:19,289

wasn't allowed he wasn't allowed in

101
00:05:25,399 --> 00:05:23,069
there and Mumbai is one of the hardest

102
00:05:27,439 --> 00:05:25,409
hit cities in the country and it was one

103
00:05:29,629 --> 00:05:27,449
of the first places for the virus to

104
00:05:32,390 --> 00:05:29,639
papa well actually that was Kerala but

105
00:05:35,689 --> 00:05:32,400
Mumbai and Maharashtra has been one of

106
00:05:38,839 --> 00:05:35,699
the top states and cities who have been

107
00:05:41,959 --> 00:05:38,849
suffering from the pandemic Delhi coming

108
00:05:44,179 --> 00:05:41,969
in at a close second in many cases but

109
00:05:48,559 --> 00:05:44,189
there and we don't this is one story

110
00:05:50,600 --> 00:05:48,569
that came out on the science website but

111
00:05:53,480 --> 00:05:50,610
we don't know how many other people that

112
00:05:56,300 --> 00:05:53,490
are out there who have been sick who may

113
00:05:58,490 --> 00:05:56,310

have gotten better who may have died due

114

00:06:00,050 --> 00:05:58,500

to this infection and have just not been

115

00:06:02,629 --> 00:06:00,060

reported because they have not been

116

00:06:04,369 --> 00:06:02,639

tested they have not been hospitalized

117

00:06:07,730 --> 00:06:04,379

mmm and then numbers just haven't been

118

00:06:10,010 --> 00:06:07,740

counted so we really and there's no real

119

00:06:12,769 --> 00:06:10,020

no real way to really find out what the

120

00:06:14,809 --> 00:06:12,779

real numbers are because well the

121

00:06:16,339 --> 00:06:14,819

numbers are as they are it's controlled

122

00:06:18,980 --> 00:06:16,349

by the government and we don't really

123

00:06:21,800 --> 00:06:18,990

know what they're up to so there's good

124

00:06:24,889 --> 00:06:21,810

reason to be skeptical yeah you just

125

00:06:27,170 --> 00:06:24,899

don't know what the actual situation is

126

00:06:29,089 --> 00:06:27,180

and even now like you must have seen the

127

00:06:33,619 --> 00:06:29,099

case cases have gone over a hundred

128

00:06:35,959 --> 00:06:33,629

thousand yes across the country and we I

129

00:06:38,240 --> 00:06:35,969

honestly can't say for sure if that

130

00:06:41,480 --> 00:06:38,250

number is accurate if that is a number

131

00:06:43,610 --> 00:06:41,490

that we can trust because because of the

132

00:06:45,740 --> 00:06:43,620

migrant situation now and things are

133

00:06:49,790 --> 00:06:45,750

starting to lift even as the numbers are

134

00:06:51,589 --> 00:06:49,800

rising the lockdowns are lifting people

135

00:06:54,139 --> 00:06:51,599

are out on the streets I went out to the

136

00:06:55,879 --> 00:06:54,149

market the other day and it was just

137

00:06:57,649 --> 00:06:55,889

like a regular day at the market and on

138

00:06:59,779 --> 00:06:57,659

the streets there was traffic there was

139

00:07:02,119 --> 00:06:59,789

red lights there's a regular number of

140

00:07:04,850 --> 00:07:02,129

people out and about except they were

141

00:07:09,350 --> 00:07:04,860

most of them were wearing masks yes yes

142

00:07:11,869 --> 00:07:09,360

and in this kind of situation it's it's

143

00:07:15,139 --> 00:07:11,879

kind of I mean I as much as I love not

144

00:07:16,629 --> 00:07:15,149

being locked down as much before it's

145

00:07:19,070 --> 00:07:16,639

really

146

00:07:20,840 --> 00:07:19,080

it's kind of scary to see that the

147

00:07:23,570 --> 00:07:20,850

numbers are still right shooting up at

148

00:07:26,570 --> 00:07:23,580

higher and higher numbers every day yeah

149

00:07:29,330 --> 00:07:26,580

and more and more restrictions are being

150

00:07:31,219 --> 00:07:29,340

lifted so yeah the situation is not good

151
00:07:32,710 --> 00:07:31,229
we just don't know the real numbers and

152
00:07:34,820 --> 00:07:32,720
things are going to get worse because

153
00:07:36,469 --> 00:07:34,830
the migrant workers who have been

154
00:07:38,719 --> 00:07:36,479
trudging home and getting killed on

155
00:07:41,120 --> 00:07:38,729
highways the last couple of months are

156
00:07:43,040 --> 00:07:41,130
now going to be reaching home a lot

157
00:07:44,960 --> 00:07:43,050
quicker some of them might be carrying

158
00:07:46,969 --> 00:07:44,970
something and once it hits rural India

159
00:07:49,600 --> 00:07:46,979
where medical where the medical

160
00:07:52,250 --> 00:07:49,610
infrastructure is almost non-existent

161
00:07:53,270 --> 00:07:52,260
then it will go out of control and but

162
00:07:55,070 --> 00:07:53,280
then we still won't have the real

163
00:07:56,180 --> 00:07:55,080

numbers because who's going to go out in

164

00:07:59,360 --> 00:07:56,190

the middle of the villages testing

165

00:08:01,760 --> 00:07:59,370

people and taking records yeah well a

166

00:08:04,189 --> 00:08:01,770

majority of the Indian population you

167

00:08:06,469 --> 00:08:04,199

make a very good point and it's

168

00:08:09,020 --> 00:08:06,479

interesting to see these people here in

169

00:08:10,730 --> 00:08:09,030

Australia saying that they find it very

170

00:08:13,159 --> 00:08:10,740

encouraging because the Indian

171

00:08:16,189 --> 00:08:13,169

government promote the use of homeopathy

172

00:08:18,980 --> 00:08:16,199

but I have to think with the population

173

00:08:20,510 --> 00:08:18,990

of India and the size of India even if

174

00:08:23,629 --> 00:08:20,520

the government did have something

175

00:08:25,490 --> 00:08:23,639

anything that they could get out to the

176

00:08:28,219 --> 00:08:25,500

population to fight this virus how on

177

00:08:30,620 --> 00:08:28,229

earth could they go about doing it well

178

00:08:33,890 --> 00:08:30,630

the they are trying every way they

179

00:08:38,140 --> 00:08:33,900

possibly can in fact in Telangana which

180

00:08:40,909 --> 00:08:38,150

is it's towards the south of India

181

00:08:42,890 --> 00:08:40,919

Telangana Andhra Pradesh neighboring

182

00:08:45,250 --> 00:08:42,900

states Hyderabad is smack in the middle

183

00:08:49,490 --> 00:08:45,260

the government in telegin I have been

184

00:08:50,900 --> 00:08:49,500

distributing homeopathic doses not

185

00:08:57,980 --> 00:08:50,910

homeopathic doses but those is a

186

00:09:00,019 --> 00:08:57,990

homeopathic here and have gone out and

187

00:09:02,769 --> 00:09:00,029

started distributing them and I think on

188

00:09:06,019 --> 00:09:02,779

the very first day they distributed

189

00:09:07,550 --> 00:09:06,029

11,500 doses mm to over three and a half

190

00:09:09,350 --> 00:09:07,560

thousand people and that is of course a

191

00:09:12,079 --> 00:09:09,360

tiny fraction of the number of people in

192

00:09:14,990 --> 00:09:12,089

that state yeah yeah but and there are

193

00:09:16,610 --> 00:09:15,000

people who are going to get it as much

194

00:09:18,199 --> 00:09:16,620

as they possibly can I mean they I have

195

00:09:22,240 --> 00:09:18,209

seen people in my neighborhood shops who

196

00:09:24,530 --> 00:09:22,250

go up and asking for arsenic an album 30

197

00:09:26,870 --> 00:09:24,540

because the Ministry of I you should

198

00:09:29,829 --> 00:09:26,880

have been promoting here so a lot of

199

00:09:32,199 --> 00:09:29,839

people it's it's it's both a push and up

200

00:09:34,119 --> 00:09:32,209

situation so the there are some states

201
00:09:35,949 --> 00:09:34,129
and governments who are distributing it

202
00:09:38,619 --> 00:09:35,959
or promoting it the Ministry of I uses

203
00:09:40,629 --> 00:09:38,629
all over the place I just posted

204
00:09:42,249 --> 00:09:40,639
something about them this morning there

205
00:09:45,179 --> 00:09:42,259
they're promoting left right and center

206
00:09:47,530 --> 00:09:45,189
with absolutely no qualms whatsoever and

207
00:09:49,480 --> 00:09:47,540
so it's a portion of poll it's not about

208
00:09:52,269 --> 00:09:49,490
distributing really because we really

209
00:09:56,980 --> 00:09:52,279
can't distribute it to the furthest

210
00:09:58,600 --> 00:09:56,990
points in our country but whatever the

211
00:10:01,210 --> 00:09:58,610
people especially in the villages and

212
00:10:04,210 --> 00:10:01,220
the distant villages can get at the

213
00:10:05,949 --> 00:10:04,220

nearest feed or town they will get

214

00:10:09,009 --> 00:10:05,959

whatever they can yeah and whether

215

00:10:10,179 --> 00:10:09,019

that's hydroxychloroquine whether that's

216

00:10:11,829 --> 00:10:10,189

arsenic um an album

217

00:10:13,600 --> 00:10:11,839

whether that's some Isle Vedic

218

00:10:16,239 --> 00:10:13,610

preparations like chauhan crush which

219

00:10:19,230 --> 00:10:16,249

I'm hoping to write about soon mm-hmm

220

00:10:21,609 --> 00:10:19,240

it's they'll pick anything in fact even

221

00:10:23,379 --> 00:10:21,619

hydroxychloroquine which Trump has been

222

00:10:25,689 --> 00:10:23,389

you know talking about a lot is

223

00:10:27,970 --> 00:10:25,699

something that a lot of people in India

224

00:10:29,679 --> 00:10:27,980

are taking very seriously they think

225

00:10:33,609 --> 00:10:29,689

it's a perfectly safe medication to take

226

00:10:35,470 --> 00:10:33,619

but we know that the recent the most

227

00:10:38,019 --> 00:10:35,480

recent studies I think on the skeptics

228

00:10:40,239 --> 00:10:38,029

guide I listen to I was listening to one

229

00:10:43,169 --> 00:10:40,249

of the recent podcasts and they said

230

00:10:46,079 --> 00:10:43,179

there has been a meta-analysis done of

231

00:10:47,679 --> 00:10:46,089

quite a large number of patients and

232

00:10:49,809 --> 00:10:47,689

hydroxychloroquine has been found to

233

00:10:50,259 --> 00:10:49,819

have absolutely no effect no positive

234

00:10:53,619 --> 00:10:50,269

effect

235

00:10:56,049 --> 00:10:53,629

hmm against coronavirus and against over

236

00:10:58,629 --> 00:10:56,059

19 now a vegeta I was just looking at

237

00:11:01,329 --> 00:10:58,639

this website this website of the

238

00:11:04,239 --> 00:11:01,339

homeopathy plus and they have a page

239

00:11:09,210 --> 00:11:04,249

there called a short history of

240

00:11:12,369 --> 00:11:09,220

homeopathy in India and it says last

241

00:11:12,939 --> 00:11:12,379

reviewed on the 25th of May whatever

242

00:11:16,030 --> 00:11:12,949

that means

243

00:11:19,449 --> 00:11:16,040

then it says during the past 200 years

244

00:11:22,419 --> 00:11:19,459

homeopathy has flourished in India with

245

00:11:25,150 --> 00:11:22,429

broad usage and acceptance across all

246

00:11:28,329 --> 00:11:25,160

sectors of the population homeopathy

247

00:11:31,239 --> 00:11:28,339

first reached the Indian subcontinent in

248

00:11:33,549 --> 00:11:31,249

1810 during the founder Hanuman's

249

00:11:36,809 --> 00:11:33,559

lifetime and gained an early footing

250

00:11:39,759 --> 00:11:36,819

with amateur use by civilians

251

00:11:42,990 --> 00:11:39,769

missionaries and the military then it

252

00:11:45,510 --> 00:11:43,000

goes on to say in 1973 the Indian

253

00:11:48,270 --> 00:11:45,520

government recognized homeopathy as a

254

00:11:51,560 --> 00:11:48,280

national system of medicine and since

255

00:11:54,180 --> 00:11:51,570

then has largely funded its training and

256

00:11:57,440 --> 00:11:54,190

distribution currently India has over

257

00:12:00,540 --> 00:11:57,450

two hundred thousand registered

258

00:12:03,600 --> 00:12:00,550

homeopathic doctors more than 200

259

00:12:07,070 --> 00:12:03,610

homeopathic medical colleges research

260

00:12:10,020 --> 00:12:07,080

and postgraduate institutes and numerous

261

00:12:13,350 --> 00:12:10,030

dispensaries now it sounds to me that

262

00:12:17,520 --> 00:12:13,360

homeopathy is really and completely

263

00:12:19,920 --> 00:12:17,530

entrenched in Indian society it is in

264

00:12:22,440 --> 00:12:19,930

fact I mean considering that it came to

265

00:12:24,120 --> 00:12:22,450

India so soon after its invention it was

266

00:12:32,520 --> 00:12:24,130

really something new it was modern it

267

00:12:34,650 --> 00:12:32,530

was the new iPhone but the but there but

268

00:12:37,560 --> 00:12:34,660

we've had like some of our greatest

269

00:12:39,690 --> 00:12:37,570

freedom freedom fighters rabindranath

270

00:12:41,370 --> 00:12:39,700

tagore who is basically who's got his

271

00:12:44,130 --> 00:12:41,380

picture up in almost every bengali

272

00:12:48,020 --> 00:12:44,140

household including mine yeah who is a

273

00:12:51,660 --> 00:12:48,030

was a great literary figure and

274

00:12:53,160 --> 00:12:51,670

prominent people in india who who were

275

00:12:55,370 --> 00:12:53,170

freedom fighters who were politicians

276

00:12:58,590 --> 00:12:55,380

who were you know prominent

277

00:13:00,600 --> 00:12:58,600

personalities they have all they were

278

00:13:04,070 --> 00:13:00,610

all you know shouting the praises of

279

00:13:06,960 --> 00:13:04,080

homeopathy from the rooftops well and

280

00:13:08,880 --> 00:13:06,970

it's become and it's become a part of

281

00:13:13,500 --> 00:13:08,890

our culture now because it's been around

282

00:13:15,960 --> 00:13:13,510

for so long that people equate it with

283

00:13:17,640 --> 00:13:15,970

Ayurveda as I've mentioned before for

284

00:13:20,340 --> 00:13:17,650

some reason I can't figure out how they

285

00:13:24,120 --> 00:13:20,350

managed to you know tie those things

286

00:13:26,850 --> 00:13:24,130

together what string they use but it is

287

00:13:30,210 --> 00:13:26,860

deeply entrenched in the culture of

288

00:13:31,590 --> 00:13:30,220

India it is a part of our it is things

289

00:13:35,070 --> 00:13:31,600

that we have taken for granted because

290

00:13:38,010 --> 00:13:35,080

as children we are just brought up with

291

00:13:41,910 --> 00:13:38,020

it we are given homeopathic medication

292

00:13:44,160 --> 00:13:41,920

as kids hmm and Ayurvedic medicines I

293

00:13:46,380 --> 00:13:44,170

was I was forced to have chew and brush

294

00:13:48,840 --> 00:13:46,390

when I was a kid just to you know to

295

00:13:51,900 --> 00:13:48,850

whatever it does I'm not really sure

296

00:13:55,079 --> 00:13:51,910

what it does but I will I am

297

00:13:56,850 --> 00:13:55,089

investigating that currently but yeah so

298

00:13:59,670 --> 00:13:56,860

it's it's been

299

00:14:01,470 --> 00:13:59,680

so entrenched in our culture that and we

300

00:14:03,510 --> 00:14:01,480

have so taken it for granted that people

301

00:14:07,110 --> 00:14:03,520

don't even think twice about it like I

302

00:14:10,290 --> 00:14:07,120

was I was on the skeptoid podcast you

303

00:14:12,540 --> 00:14:10,300

know on the 13th podcast math I'm

304

00:14:15,270 --> 00:14:12,550

podcast marathon yes that was good fun

305

00:14:18,210 --> 00:14:15,280

yes me too yeah exactly yeah we were

306

00:14:22,110 --> 00:14:18,220

both on there and during my half an hour

307

00:14:23,850 --> 00:14:22,120

with Brian I did mention that especially

308

00:14:27,420 --> 00:14:23,860

I mean it's not just in India but

309

00:14:30,120 --> 00:14:27,430

especially in India where things like

310

00:14:32,040 --> 00:14:30,130

homeopathy have become a part of our

311

00:14:34,740 --> 00:14:32,050

everyday lives where we've taken it for

312

00:14:37,790 --> 00:14:34,750

granted it is almost like a religious

313

00:14:40,200 --> 00:14:37,800

belief because we are literally

314

00:14:43,290 --> 00:14:40,210

indoctrinated it into it from the time

315

00:14:44,640 --> 00:14:43,300

we were children yeah we were brought

316

00:14:46,020 --> 00:14:44,650

into it our parents have taken it for

317

00:14:47,640 --> 00:14:46,030

granted they said if you have this then

318

00:14:49,320 --> 00:14:47,650

you take that preparation if you have

319

00:14:52,410 --> 00:14:49,330

this thing I'll give you this pill I

320

00:14:55,140 --> 00:14:52,420

have taken it like I have I have taken

321

00:14:57,510 --> 00:14:55,150

homeopathy for a lot of my life and

322

00:14:59,880 --> 00:14:57,520

without questioning it whatsoever and

323

00:15:02,150 --> 00:14:59,890

most people don't so which is why I

324

00:15:04,710 --> 00:15:02,160

think it's very important for people to

325

00:15:06,780 --> 00:15:04,720

speaking up about it now there are a lot of

326

00:15:08,220 --> 00:15:06,790

doctors there are a lot of scientists

327

00:15:12,060 --> 00:15:08,230

sceptical thinkers people who have

328

00:15:15,390 --> 00:15:12,070

encountered very recently who are trying

329

00:15:18,030 --> 00:15:15,400

to spread awareness about the truth

330

00:15:21,180 --> 00:15:18,040

behind homeopathy and how its complete

331

00:15:23,670 --> 00:15:21,190

quackery there's a lot of pushback but

332

00:15:26,220 --> 00:15:23,680

I'm glad that that push is happening

333

00:15:28,140 --> 00:15:26,230

it's it's about damn time we did I

334

00:15:29,580 --> 00:15:28,150

couldn't agree more average it I

335

00:15:32,820 --> 00:15:29,590

couldn't agree more

336

00:15:35,940 --> 00:15:32,830

now before we go how are you going with

337

00:15:39,420 --> 00:15:35,950

the be rational podcast well things have

338

00:15:41,450 --> 00:15:39,430

been I have recently published an

339

00:15:44,340 --> 00:15:41,460

article and a podcast episode on

340

00:15:46,170 --> 00:15:44,350

immunity boosting no unfortunately it

341

00:15:48,630 --> 00:15:46,180

was it took quite a gap because my day

342

00:15:51,480 --> 00:15:48,640

job unfortunately it takes a lot of a

343

00:15:56,400 --> 00:15:51,490

lot of my time but I have to pay the

344

00:15:58,740 --> 00:15:56,410

bills right so but it's but whether it's

345

00:16:01,560 --> 00:15:58,750

a long period between episodes or a

346

00:16:03,900 --> 00:16:01,570

short one either way it's going strong I

347

00:16:06,540 --> 00:16:03,910

am managing to get in touch with people

348

00:16:08,550 --> 00:16:06,550

you know really wonderful people who

349

00:16:10,199 --> 00:16:08,560

have been getting in touch with over the

350

00:16:14,850 --> 00:16:10,209

last few weeks

351
00:16:17,429 --> 00:16:14,860
who are also Indians who are passionate

352
00:16:20,069 --> 00:16:17,439
about this topic who are trying to talk

353
00:16:23,389 --> 00:16:20,079
sense into the populace about quackery

354
00:16:26,280 --> 00:16:23,399
and alternate alternative medicine and

355
00:16:28,169 --> 00:16:26,290
hopefully I'm getting to start a few

356
00:16:30,540 --> 00:16:28,179
interesting conversations here and there

357
00:16:32,819 --> 00:16:30,550
so lots more coming soon thank you very

358
00:16:37,799 --> 00:16:32,829
much for having me on I just I really

359
00:16:40,139 --> 00:16:37,809
appreciate it and everybody to everybody

360
00:16:42,419 --> 00:16:40,149
listening please come to the be rational

361
00:16:44,939 --> 00:16:42,429
calm or listen to the rational podcast

362
00:16:46,530 --> 00:16:44,949
wherever you get it and join in the

363
00:16:48,929 --> 00:16:46,540

conversation so there you are folks

364

00:16:50,340 --> 00:16:48,939

there's the clue the--well have a listen

365

00:16:53,100 --> 00:16:50,350

to be rational

366

00:16:56,009 --> 00:16:53,110

well average it all the way from the

367

00:16:58,650 --> 00:16:56,019

beautiful New Delhi in India thank you

368

00:17:01,490 --> 00:16:58,660

very much it is my pleasure Richard

369

00:17:10,660 --> 00:17:01,500

until next time

370

00:17:14,689 --> 00:17:13,220

today this is dr. Karl Karl Christmas he

371

00:17:16,880 --> 00:17:14,699

proud to be a skeptic and you can find

372

00:17:22,700 --> 00:17:16,890

out more about me at dr. Karl calm and

373

00:17:22,710 --> 00:17:45,100

I think we need to think

374

00:17:56,480 --> 00:17:54,560

here's susan gerbic and joining me now

375

00:17:58,610 --> 00:17:56,490

on the line all the way from beautiful

376

00:18:01,640 --> 00:17:58,620

Salinas California once again and it's

377

00:18:04,370 --> 00:18:01,650

about time its susan gerbic hello hi

378

00:18:08,240 --> 00:18:04,380

Richard hide listeners nice to see you

379

00:18:10,310 --> 00:18:08,250

once again ah now I was all ready to put

380

00:18:12,470 --> 00:18:10,320

the show to bed I thought great the

381

00:18:14,390 --> 00:18:12,480

show's all done this week but no late

382

00:18:18,280 --> 00:18:14,400

last night an emergency message from

383

00:18:22,850 --> 00:18:18,290

susan gerbic came my way about another

384

00:18:26,260 --> 00:18:22,860

sting operation with a suitably crazy

385

00:18:29,960 --> 00:18:26,270

name what's the name of this operation

386

00:18:33,470 --> 00:18:29,970

this is operation purple pinecone pie

387

00:18:36,530 --> 00:18:33,480

better known as OPP P hang on operation

388

00:18:43,400 --> 00:18:36,540

purple pinecone pie yes

389

00:18:45,860 --> 00:18:43,410

oh well P now this revolves around a so

390

00:18:48,650 --> 00:18:45,870

called and I always try to use that term

391

00:18:51,200 --> 00:18:48,660

a so called psychic this one is in New

392

00:18:52,880 --> 00:18:51,210

Zealand she goes by the name of Jeanette

393

00:18:56,810 --> 00:18:52,890

Wilson and it's probably her real name

394

00:18:58,430 --> 00:18:56,820

now I have I haven't exactly dealt with

395

00:19:00,380 --> 00:18:58,440

Jeanette Wilson in the past rusty

396

00:19:02,720 --> 00:19:00,390

certainly has come to my attention many

397

00:19:05,060 --> 00:19:02,730

years ago when I visited New Zealand the

398

00:19:06,590 --> 00:19:05,070

local skeptics there know if I remember

399

00:19:08,510 --> 00:19:06,600

correctly even maybe one of the TV

400

00:19:11,380 --> 00:19:08,520

stations gave me some raw tape and

401
00:19:14,150 --> 00:19:11,390
footage of Jeanette Wilson doing a live

402
00:19:17,690 --> 00:19:14,160
psychic stage show act

403
00:19:19,970 --> 00:19:17,700
routine which is right out of the book

404
00:19:21,530 --> 00:19:19,980
the same sort of stock stuff we've seen

405
00:19:24,260 --> 00:19:21,540
for years and years and years nothing

406
00:19:27,710 --> 00:19:24,270
special there but apparently she's sort

407
00:19:31,070 --> 00:19:27,720
of well moved on a bit yes now she is

408
00:19:35,360 --> 00:19:31,080
more into the healing part of the

409
00:19:36,550 --> 00:19:35,370
mediumship she still can since dead

410
00:19:38,320 --> 00:19:36,560
people she says

411
00:19:41,380 --> 00:19:38,330
and communicate with them but she's

412
00:19:45,970 --> 00:19:41,390
teaching people how to communicate with

413
00:19:49,690 --> 00:19:45,980

her dead and I attended one of her zum

414

00:19:51,790 --> 00:19:49,700

meetings a couple days ago so what

415

00:19:54,760 --> 00:19:51,800

happened was one of the board members

416

00:19:56,260 --> 00:19:54,770

from the New Zealand skeptics Russell he

417

00:19:59,140 --> 00:19:56,270

had said that he had been getting emails

418

00:20:00,820 --> 00:19:59,150

from Janette Wilson from time to time

419

00:20:03,700 --> 00:20:00,830

because he had attended one of her

420

00:20:06,340 --> 00:20:03,710

healing events as an observer of course

421

00:20:10,570 --> 00:20:06,350

for the New Zealand skeptics and they

422

00:20:13,060 --> 00:20:10,580

were able to write about it and she now

423

00:20:15,580 --> 00:20:13,070

has a Wikipedia page and a lot of great

424

00:20:17,230 --> 00:20:15,590

information on it but anyway so Russell

425

00:20:18,850 --> 00:20:17,240

had asked you know it would be really

426

00:20:22,060 --> 00:20:18,860

interesting if we went to one of her

427

00:20:23,740 --> 00:20:22,070

events there's one later tomorrow and I

428

00:20:25,360 --> 00:20:23,750

said well let's do it

429

00:20:26,800 --> 00:20:25,370

we thought she was gonna be speaking to

430

00:20:29,410 --> 00:20:26,810

the dead because that was the kind of

431

00:20:31,920 --> 00:20:29,420

thing she used to do run and so we

432

00:20:34,210 --> 00:20:31,930

prepared characters from Facebook and

433

00:20:36,250 --> 00:20:34,220

you know of course we have a stock of

434

00:20:37,660 --> 00:20:36,260

characters that we can you know

435

00:20:40,390 --> 00:20:37,670

depending on who's going to go see the

436

00:20:43,480 --> 00:20:40,400

medium we would fit a character to go

437

00:20:47,320 --> 00:20:43,490

with that person so we bought tickets to

438

00:20:49,180 --> 00:20:47,330

go it was a 10 person event and we had

439

00:20:51,510 --> 00:20:49,190

several tickets we purchased to go and

440

00:20:54,460 --> 00:20:51,520

sit in on her event on a Facebook live

441

00:20:59,650 --> 00:20:54,470

it was a private group but we were able

442

00:21:03,310 --> 00:20:59,660

to record and we also at the end of it

443

00:21:04,810 --> 00:21:03,320

we were we went into a zoom call so all

444

00:21:07,960 --> 00:21:04,820

of us were able to see each other and we

445

00:21:10,510 --> 00:21:07,970

were able to interact with her and see

446

00:21:13,300 --> 00:21:10,520

each other now unfortunately for me I'm

447

00:21:15,580 --> 00:21:13,310

in California and this took place at 8

448

00:21:18,430 --> 00:21:15,590

p.m. New Zealand time which was 1:00

449

00:21:21,070 --> 00:21:18,440

a.m. for me oh well so I had to sit

450

00:21:25,420 --> 00:21:21,080

through about two and a half hours of

451

00:21:27,520 --> 00:21:25,430

her meditating and so on she didn't

452

00:21:31,120 --> 00:21:27,530

speak to the dead what she was doing was

453

00:21:33,550 --> 00:21:31,130

she was teaching people how to how to

454

00:21:36,310 --> 00:21:33,560

get in the right mindset so we could

455

00:21:38,650 --> 00:21:36,320

contact our own dead family members wow

456

00:21:40,660 --> 00:21:38,660

that's that's pretty dramatic but from

457

00:21:42,820 --> 00:21:40,670

what I understand that these days if she

458

00:21:45,730 --> 00:21:42,830

doesn't so much do the simple pure

459

00:21:47,260 --> 00:21:45,740

talking to dead routine she seems to

460

00:21:49,090 --> 00:21:47,270

have moved more into giving health

461

00:21:52,480 --> 00:21:49,100

advice and

462

00:21:53,889 --> 00:21:52,490

health advice around kovat 19 what was

463

00:21:58,210 --> 00:21:53,899

some of the things that she was telling

464

00:21:59,620 --> 00:21:58,220

the group right so we have recorded all

465

00:22:01,240 --> 00:21:59,630

of this but what I'm going to do is read

466

00:22:04,450 --> 00:22:01,250

a little bit off the transcripts and

467

00:22:07,389 --> 00:22:04,460

this is quite surprising about two hours

468

00:22:09,610 --> 00:22:07,399

15 minutes into it we met in a zoom room

469

00:22:13,960 --> 00:22:09,620

with all the other participants in the

470

00:22:15,669 --> 00:22:13,970

call and she kind of asked everybody so

471

00:22:17,710 --> 00:22:15,679

how was that for everybody did you guys

472

00:22:20,680 --> 00:22:17,720

have a good time you know and and so I

473

00:22:23,980 --> 00:22:20,690

asked a question and what I had asked

474

00:22:27,070 --> 00:22:23,990

her was if you know I said I'm from

475

00:22:30,370 --> 00:22:27,080

America and we have had over a hundred

476
00:22:33,580 --> 00:22:30,380
thousand deaths from kovat 19 and I was

477
00:22:35,799 --> 00:22:33,590
wondering which she foresaw for kovat 19

478
00:22:39,100 --> 00:22:35,809
and you know potential vaccination

479
00:22:44,139 --> 00:22:39,110
vaccines because the word is that

480
00:22:47,049 --> 00:22:44,149
Jeanette is anti VAX and anti 5g and she

481
00:22:49,570 --> 00:22:47,059
sells like she's involved somehow in a

482
00:22:51,759 --> 00:22:49,580
company that's selling some supplements

483
00:22:53,919 --> 00:22:51,769
are some products mm-hmm and I know that

484
00:22:56,710 --> 00:22:53,929
she has been saying she's not anti

485
00:22:58,629 --> 00:22:56,720
vaccine and so I wanted to see if we

486
00:23:02,440 --> 00:22:58,639
could get on the record from her from

487
00:23:04,090 --> 00:23:02,450
her mouth directly from her what her

488
00:23:06,399 --> 00:23:04,100

thoughts were on vaccines so that's why

489

00:23:07,930 --> 00:23:06,409

I asked the question the way I did and I

490

00:23:12,669 --> 00:23:07,940

was in character so I didn't challenge

491

00:23:16,080 --> 00:23:12,679

her too much but somewhat so so

492

00:23:18,820 --> 00:23:16,090

according to the transcripts from the

493

00:23:22,870 --> 00:23:18,830

video we have some of the things she was

494

00:23:24,220 --> 00:23:22,880

telling me were that this was a much

495

00:23:27,700 --> 00:23:24,230

bigger thing that was going to happen

496

00:23:29,350 --> 00:23:27,710

and the deaths we've had right now were

497

00:23:33,029 --> 00:23:29,360

supposed to be so much bigger and now

498

00:23:35,710 --> 00:23:33,039

there it's gonna go away really soon and

499

00:23:38,080 --> 00:23:35,720

that she says she believes that God

500

00:23:40,899 --> 00:23:38,090

created this body and God created this

501
00:23:43,330 --> 00:23:40,909
body with an immune system so she's not

502
00:23:46,750 --> 00:23:43,340
a believer in vaccines she says I'm not

503
00:23:49,299 --> 00:23:46,760
anti backs but I'm really good I'm

504
00:23:51,220 --> 00:23:49,309
really Pro good science really good

505
00:23:53,620 --> 00:23:51,230
science and vaccines is something I've

506
00:23:55,360 --> 00:23:53,630
studied now for about twenty years so

507
00:23:57,760 --> 00:23:55,370
I'm quite knowledgeable about vaccines

508
00:23:59,350 --> 00:23:57,770
and what's required isn't a vaccine well

509
00:24:00,789 --> 00:23:59,360
they let me still be that that that's

510
00:24:02,649 --> 00:24:00,799
that's very interesting because that

511
00:24:04,749 --> 00:24:02,659
just sounds like the typical rhetoric

512
00:24:06,729 --> 00:24:04,759
and evac sir first of all saying they're

513
00:24:08,289 --> 00:24:06,739

not Annie VAX that's a big red flag if

514

00:24:10,299 --> 00:24:08,299

someone walks around saying I'm not

515

00:24:12,669 --> 00:24:10,309

really an T VAX well that's a dead

516

00:24:15,389 --> 00:24:12,679

giveaway that they really are and Eve

517

00:24:18,129 --> 00:24:15,399

act and then she says she's really Pro

518

00:24:20,080 --> 00:24:18,139

good science really good science in

519

00:24:22,450 --> 00:24:20,090

other words she's Pro the science that

520

00:24:24,609 --> 00:24:22,460

can conforms with her conspiracy

521

00:24:26,259 --> 00:24:24,619

theories I would dare say and that's

522

00:24:28,269 --> 00:24:26,269

sort of backed up by the fact that she's

523

00:24:31,149 --> 00:24:28,279

saying that something much worse was

524

00:24:33,070 --> 00:24:31,159

going to happen but it was thwarted it

525

00:24:34,570 --> 00:24:33,080

means that she's thinking there's people

526

00:24:37,330 --> 00:24:34,580

pulling strings behind the scenes with

527

00:24:39,430 --> 00:24:37,340

this virus I would dare say right she

528

00:24:40,989 --> 00:24:39,440

doesn't have any experience I mean maybe

529

00:24:42,430 --> 00:24:40,999

she has been reading and talking about

530

00:24:45,999 --> 00:24:42,440

vaccines for twenty years that's

531

00:24:47,799 --> 00:24:46,009

possible she she's a bake manager I mean

532

00:24:50,049 --> 00:24:47,809

she doesn't have any degrees in science

533

00:24:51,639 --> 00:24:50,059

or virology or anything of that kind or

534

00:24:54,070 --> 00:24:51,649

if she does she doesn't talk about it I

535

00:24:55,659 --> 00:24:54,080

mean I just thought that was really odd

536

00:24:57,580 --> 00:24:55,669

that she thought she was an expert on

537

00:25:02,739 --> 00:24:57,590

vaccines and she was able to talk about

538

00:25:04,299 --> 00:25:02,749

it in that way she says that it's gonna

539

00:25:06,339 --> 00:25:04,309

take about two years to develop a

540

00:25:08,019 --> 00:25:06,349

vaccine but she says that the the

541

00:25:10,659 --> 00:25:08,029

disease has already mutated over 30

542

00:25:14,320 --> 00:25:10,669

times so if we were to create a vaccine

543

00:25:16,629 --> 00:25:14,330

now for the version of the back of the

544

00:25:18,070 --> 00:25:16,639

virus we're seeing now it won't be

545

00:25:20,409 --> 00:25:18,080

useful because it will have already

546

00:25:23,320 --> 00:25:20,419

mutated so much that we won't be able to

547

00:25:26,710 --> 00:25:23,330

use a vaccine created today on the virus

548

00:25:29,589 --> 00:25:26,720

that we'll see in a 18 months to two

549

00:25:31,960 --> 00:25:29,599

years oh well I mean it's hard to really

550

00:25:33,310 --> 00:25:31,970

nail that one down it depends on what

551
00:25:35,379 --> 00:25:33,320
happens with the virus and where it goes

552
00:25:36,849 --> 00:25:35,389
but I from what I understand because

553
00:25:38,799 --> 00:25:36,859
I've had a quick look at some of the

554
00:25:40,950 --> 00:25:38,809
transcripts myself she is under the

555
00:25:44,440 --> 00:25:40,960
impression that this virus will

556
00:25:46,359 --> 00:25:44,450
miraculously disappear in the next few

557
00:25:49,509 --> 00:25:46,369
months it'll be it'll vanish without

558
00:25:52,149 --> 00:25:49,519
vaccines absolutely she says that it she

559
00:25:54,190 --> 00:25:52,159
does believe that it is man-made what

560
00:25:56,139 --> 00:25:54,200
she says is that it was released through

561
00:25:57,609 --> 00:25:56,149
by accident wasn't intentionally

562
00:25:59,769 --> 00:25:57,619
released but people shouldn't have been

563
00:26:02,109 --> 00:25:59,779

doing that research anyway it's banned

564

00:26:06,119 --> 00:26:02,119

there's an international law that banned

565

00:26:09,279 --> 00:26:06,129

it back in 1934 I think it was 34 or 43

566

00:26:12,940 --> 00:26:09,289

there it was like a worldwide moratorium

567

00:26:15,190 --> 00:26:12,950

on germ warfare and somebody was doing

568

00:26:17,230 --> 00:26:15,200

some germ warfare

569

00:26:19,629 --> 00:26:17,240

and that's gonna unfold over the next

570

00:26:23,019 --> 00:26:19,639

little while so apparently we're gonna

571

00:26:24,879 --> 00:26:23,029

learn a lot bit more now apparently I it

572

00:26:27,850 --> 00:26:24,889

turns out that she's a big supporter of

573

00:26:30,279 --> 00:26:27,860

one Donald Trump President of the United

574

00:26:32,519 --> 00:26:30,289

States yes that was quite hard for me to

575

00:26:36,220 --> 00:26:32,529

stay in character when she revealed that

576

00:26:38,049 --> 00:26:36,230

what she said and I quote but some

577

00:26:40,659 --> 00:26:38,059

people like me for this and some people

578

00:26:42,490 --> 00:26:40,669

don't if you told me 12 months ago I

579

00:26:44,200 --> 00:26:42,500

would like Donald Trump I'd have said

580

00:26:46,539 --> 00:26:44,210

not in a million years the man's an

581

00:26:47,830 --> 00:26:46,549

idiot I made so many jokes about him

582

00:26:51,009 --> 00:26:47,840

he's now my hero

583

00:26:52,779 --> 00:26:51,019

he's one very very smart man and he's

584

00:26:55,149 --> 00:26:52,789

doing a hell of a lot behind the scenes

585

00:26:57,220 --> 00:26:55,159

he's seen through dr. Anthony foul she

586

00:27:00,250 --> 00:26:57,230

he sorted out the World Health

587

00:27:02,889 --> 00:27:00,260

Organization he's stopping the 5g he's

588

00:27:04,870 --> 00:27:02,899

stopping mandatory vaccines all the key

589

00:27:07,480 --> 00:27:04,880

things that need to happen he's on to it

590

00:27:09,639 --> 00:27:07,490

a lot more than most people realize so

591

00:27:11,889 --> 00:27:09,649

some of the other things she was talking

592

00:27:13,629 --> 00:27:11,899

about was that there's gonna be a lot

593

00:27:17,340 --> 00:27:13,639

that's gonna be revealed in time and she

594

00:27:19,810 --> 00:27:17,350

had a lot of conspiracy theories about

595

00:27:22,570 --> 00:27:19,820

that the world is being controlled by

596

00:27:24,490 --> 00:27:22,580

she says 300 people basically are in

597

00:27:26,230 --> 00:27:24,500

charge of the world and these people are

598

00:27:29,379 --> 00:27:26,240

going to be exposed and their nefarious

599

00:27:31,000 --> 00:27:29,389

doings of being exposed as well it's

600

00:27:32,860 --> 00:27:31,010

gonna be nice but it's gonna be for the

601
00:27:35,230 --> 00:27:32,870
ultimate good and she's gonna have all

602
00:27:37,180 --> 00:27:35,240
she says it's all gonna be revealed soon

603
00:27:40,180 --> 00:27:37,190
so it seems to me like a shopping list

604
00:27:41,649 --> 00:27:40,190
there of stock standard conspiracy

605
00:27:44,740 --> 00:27:41,659
theories one world government the

606
00:27:46,600 --> 00:27:44,750
Illuminati people behind the scenes it

607
00:27:49,240 --> 00:27:46,610
sounds like she's been diving down the

608
00:27:51,070 --> 00:27:49,250
rabbit hole Oh big-time she she I don't

609
00:27:53,110 --> 00:27:51,080
think they make ladders long enough to

610
00:27:55,180 --> 00:27:53,120
get her out of this one she said that

611
00:27:58,000 --> 00:27:55,190
the disease is gonna basically just go

612
00:27:59,919 --> 00:27:58,010
away now I'm questioning her I just I

613
00:28:02,169 --> 00:27:59,929

would ask a question and then I'd remain

614

00:28:05,230 --> 00:28:02,179

silent and she just kept filling the

615

00:28:08,769 --> 00:28:05,240

space our exchange went on for 30 16

616

00:28:10,539 --> 00:28:08,779

minutes long and I well you have to

617

00:28:12,940 --> 00:28:10,549

remember it was about 3:15 in the

618

00:28:15,970 --> 00:28:12,950

morning for me I was really punchy and I

619

00:28:17,710 --> 00:28:15,980

was really tired so I can't I did ask

620

00:28:19,269 --> 00:28:17,720

her you know where's this disease gonna

621

00:28:19,690 --> 00:28:19,279

go cuz she said it was just gonna go

622

00:28:22,330 --> 00:28:19,700

away

623

00:28:24,519 --> 00:28:22,340

and she says she said to me the nature

624

00:28:26,980 --> 00:28:24,529

of the virus the nature of the virus is

625

00:28:28,900 --> 00:28:26,990

that it wants to live yeah we already

626

00:28:30,940 --> 00:28:28,910

got 30 mutations it

627

00:28:33,160 --> 00:28:30,950

the host dies the virus doesn't want to

628

00:28:35,170 --> 00:28:33,170

live and go on so the virus is already

629

00:28:36,760 --> 00:28:35,180

mutated what's happening in the states

630

00:28:39,010 --> 00:28:36,770

is a lot of your deaths are being

631

00:28:41,890 --> 00:28:39,020

reported as Cova deaths even if they're

632

00:28:43,930 --> 00:28:41,900

not okay again this is typical

633

00:28:46,150 --> 00:28:43,940

conspiratorial thinking absolutely out

634

00:28:48,370 --> 00:28:46,160

of the box out of the book reading off

635

00:28:49,960 --> 00:28:48,380

the script conspiracy theories right but

636

00:28:53,800 --> 00:28:49,970

she has some good suggestions of how we

637

00:28:56,020 --> 00:28:53,810

can we can we can save some lives oh

638

00:28:57,640 --> 00:28:56,030

what's that right she says in the

639

00:29:00,070 --> 00:28:57,650

meantime it's about bolstering the

640

00:29:01,510 --> 00:29:00,080

immune system and there's a really good

641

00:29:03,910 --> 00:29:01,520

product if you're worried about yourself

642

00:29:07,210 --> 00:29:03,920

or somebody within the family it's a

643

00:29:08,560 --> 00:29:07,220

product called h fi and it's produced in

644

00:29:13,180 --> 00:29:08,570

america and it's from a company called

645

00:29:14,620 --> 00:29:13,190

UNS ACTA and snarking me I had asked her

646

00:29:17,890 --> 00:29:14,630

to spell it because I went to make sure

647

00:29:22,030 --> 00:29:17,900

I had that down and she said e in the AC

648

00:29:25,540 --> 00:29:22,040

ta and she would be happy to facilitate

649

00:29:27,280 --> 00:29:25,550

me receiving this if I wanted to because

650

00:29:31,180 --> 00:29:27,290

she has connections

651
00:29:35,170 --> 00:29:31,190
she says that the virus attaches to your

652
00:29:38,920 --> 00:29:35,180
lungs so this product what it does is it

653
00:29:41,380 --> 00:29:38,930
lines the lungs making it resistant to

654
00:29:43,750 --> 00:29:41,390
something attaching to it and it's the

655
00:29:46,060 --> 00:29:43,760
best preventive that she can recommend

656
00:29:48,130 --> 00:29:46,070
and she brings it in from America to New

657
00:29:49,960 --> 00:29:48,140
Zealand okay so this is some sort of

658
00:29:53,350 --> 00:29:49,970
supplement aware that she thinks is the

659
00:29:55,360 --> 00:29:53,360
best thing you can take to help prevent

660
00:29:57,730 --> 00:29:55,370
kovat 19 it's amazing that the whole

661
00:30:00,070 --> 00:29:57,740
world isn't using this product right I

662
00:30:01,960 --> 00:30:00,080
asked her about that I said I've never

663
00:30:04,900 --> 00:30:01,970

heard of it why aren't we talking about

664

00:30:06,790 --> 00:30:04,910

it here and again I reiterated that we

665

00:30:08,350 --> 00:30:06,800

have over a hundred thousand people who

666

00:30:11,290 --> 00:30:08,360

have died in the United States

667

00:30:12,750 --> 00:30:11,300

why do we not know about this and she

668

00:30:15,280 --> 00:30:12,760

just shrugged her shoulders and said

669

00:30:18,430 --> 00:30:15,290

she's like well it'll become clear

670

00:30:20,830 --> 00:30:18,440

eventually all right so it seems to me

671

00:30:22,270 --> 00:30:20,840

to sort of sum this all up it's somebody

672

00:30:25,740 --> 00:30:22,280

who claims that they have psychic powers

673

00:30:28,300 --> 00:30:25,750

who can speak to the dead now

674

00:30:30,700 --> 00:30:28,310

fancies themselves to be more of a

675

00:30:34,300 --> 00:30:30,710

healer but basically when you get down

676

00:30:36,280 --> 00:30:34,310

to it appears to be anti VAX anti 5g and

677

00:30:38,170 --> 00:30:36,290

into conspiracy theories like the

678

00:30:40,150 --> 00:30:38,180

one-world government and the virus was

679

00:30:42,610 --> 00:30:40,160

man-made do you think that's a fair

680

00:30:44,920 --> 00:30:42,620

summing up I think that's a pretty

681

00:30:48,580 --> 00:30:44,930

coming up I think I would add though

682

00:30:50,230 --> 00:30:48,590

that I got on her got on the record what

683

00:30:52,570 --> 00:30:50,240

Dateline were talking about you know

684

00:30:54,370 --> 00:30:52,580

what timeline cuz again I wanted to make

685

00:30:58,000 --> 00:30:54,380

sure I knew I was recording and I knew I

686

00:30:59,410 --> 00:30:58,010

wanted to get on on video what time she

687

00:31:02,710 --> 00:30:59,420

said and I said is this gonna take about

688

00:31:05,140 --> 00:31:02,720

18 months and she said no it'll be by

689

00:31:07,270 --> 00:31:05,150

the end of the year and I said oh and

690

00:31:09,400 --> 00:31:07,280

then we'll have a our second wave she

691

00:31:12,370 --> 00:31:09,410

says no there will be no second wave

692

00:31:15,690 --> 00:31:12,380

it's going to quote unquote and cheese

693

00:31:18,730 --> 00:31:15,700

or little finger quotes all go away

694

00:31:21,160 --> 00:31:18,740

miraculously and that you know we'll

695

00:31:22,299 --> 00:31:21,170

know soon because it'll all be gone by

696

00:31:22,630 --> 00:31:22,309

the end of the year and it's not coming

697

00:31:25,840 --> 00:31:22,640

back

698

00:31:29,049 --> 00:31:25,850

Wow that they're pretty familiar sounds

699

00:31:32,049 --> 00:31:29,059

like some Donald J Trump talking but it

700

00:31:34,510 --> 00:31:32,059

they're they're remarkable claims now

701
00:31:37,630 --> 00:31:34,520
that you've got this and you have a

702
00:31:39,610 --> 00:31:37,640
transcript of some of the more well far

703
00:31:42,250 --> 00:31:39,620
fetched or interesting or possibly

704
00:31:44,530 --> 00:31:42,260
health-related claims there what's the

705
00:31:46,900 --> 00:31:44,540
next step apart from appearing on the

706
00:31:49,630 --> 00:31:46,910
skeptic zone right so I'm releasing it

707
00:31:52,990 --> 00:31:49,640
to the story to the skeptic zone first

708
00:31:55,390 --> 00:31:53,000
so you have four shot at it and I have

709
00:31:59,010 --> 00:31:55,400
also notified everybody I can think of

710
00:32:02,500 --> 00:31:59,020
in New Zealand as far as the media and

711
00:32:04,600 --> 00:32:02,510
I'm hoping that we'll be able to get the

712
00:32:06,130 --> 00:32:04,610
New Zealand authorities involved because

713
00:32:07,990 --> 00:32:06,140

obviously I don't think this is

714

00:32:10,510 --> 00:32:08,000

something that's okay she has followers

715

00:32:13,120 --> 00:32:10,520

that are hanging on to her advice and

716

00:32:15,070 --> 00:32:13,130

they may take this supplement thinking

717

00:32:17,650 --> 00:32:15,080

they're you know they're going to keep

718

00:32:19,900 --> 00:32:17,660

Cove it away and it's not so much New

719

00:32:21,730 --> 00:32:19,910

Zealanders I'm worried about because the

720

00:32:25,270 --> 00:32:21,740

the rate over there is very low but in

721

00:32:27,820 --> 00:32:25,280

America I mean it's really awful and she

722

00:32:30,549 --> 00:32:27,830

has fans and supporters here in America

723

00:32:33,730 --> 00:32:30,559

and this is very dangerous things for

724

00:32:36,299 --> 00:32:33,740

people to be somebody who's I mean this

725

00:32:39,130 --> 00:32:36,309

isn't Joe down the street this is a

726

00:32:42,100 --> 00:32:39,140

person who has some sort of authority in

727

00:32:43,600 --> 00:32:42,110

the community of well psychics or

728

00:32:45,520 --> 00:32:43,610

whatever and I think that she's not

729

00:32:48,040 --> 00:32:45,530

being challenged nobody on the call

730

00:32:49,900 --> 00:32:48,050

challenged her nobody said a word it was

731

00:32:53,100 --> 00:32:49,910

just me talking to her back and forth

732

00:32:55,419 --> 00:32:53,110

for 16 minutes and I thought to myself

733

00:32:55,980 --> 00:32:55,429

these people who are listening in

734

00:32:58,860 --> 00:32:55,990

probably

735

00:33:00,840 --> 00:32:58,870

bully would take this supplement well

736

00:33:03,030 --> 00:33:00,850

you make a very good point there Susan

737

00:33:05,250 --> 00:33:03,040

it's not just New Zealand once she gets

738

00:33:07,049 --> 00:33:05,260

on the camera there on the internet and

739

00:33:08,640 --> 00:33:07,059

she broadcasts or gets clients from

740

00:33:11,640 --> 00:33:08,650

around the world it becomes a very

741

00:33:13,380 --> 00:33:11,650

interesting international situation but

742

00:33:15,090 --> 00:33:13,390

I think the people in New Zealand should

743

00:33:17,400 --> 00:33:15,100

be taking a very close look at some of

744

00:33:20,580 --> 00:33:17,410

these claims especially where it relates

745

00:33:23,400 --> 00:33:20,590

to health and and and bizarre silly

746

00:33:25,350 --> 00:33:23,410

statements like a lot of the deaths

747

00:33:27,230 --> 00:33:25,360

being reported aren't actually death

748

00:33:29,940 --> 00:33:27,240

from kovat after all I mean this is just

749

00:33:32,100 --> 00:33:29,950

wacky conspiracy theories but thank you

750

00:33:34,770 --> 00:33:32,110

for staying up so late into the night to

751

00:33:36,900 --> 00:33:34,780

to sit through all this Susan I really

752

00:33:40,070 --> 00:33:36,910

appreciate it and I want to thank the

753

00:33:44,570 --> 00:33:40,080

New Zealand skeptics for inviting me to

754

00:33:46,680 --> 00:33:44,580

look into this and to facilitate me

755

00:33:49,230 --> 00:33:46,690

being on the call with me and being

756

00:33:50,940 --> 00:33:49,240

being with me it was a lot of fun we had

757

00:33:52,500 --> 00:33:50,950

a lot of fun chatting in the side and if

758

00:33:55,049 --> 00:33:52,510

people want to join the girl of skeptics

759

00:33:57,150 --> 00:33:55,059

and more opportunities like this please

760

00:33:59,790 --> 00:33:57,160

let me know I'm always doing something

761

00:34:01,440 --> 00:33:59,800

well let's keep an eye on the situation

762

00:34:02,760 --> 00:34:01,450

but for now Susan go back all the way

763

00:34:05,940 --> 00:34:02,770

over there in beautiful Salinas

764

00:34:07,600 --> 00:34:05,950

California thank you once again thank

765

00:34:15,680 --> 00:34:07,610

you so much Richard

766

00:34:18,539 --> 00:34:15,690

[Music]

767

00:34:21,659 --> 00:34:18,549

the skeptic magazine the journal from

768

00:34:23,879 --> 00:34:21,669

Australian skeptics subscribe online to

769

00:34:29,190 --> 00:34:23,889

the world's second oldest skeptical

770

00:34:32,399 --> 00:34:29,200

magazine visit WWF X comma Y and click

771

00:34:36,779 --> 00:34:32,409

the publication's link you can also find

772

00:34:39,960 --> 00:34:36,789

there over 30 years of back issues free

773

00:34:44,500 --> 00:34:39,970

to download the skeptic magazine from

774

00:35:00,840 --> 00:34:53,470

[Music]

775

00:35:00,850 --> 00:35:06,000

with dr. Paulie

776

00:35:10,420 --> 00:35:08,680

well folks joining me now all the way

777

00:35:12,970 --> 00:35:10,430

from the beautiful Gulf Coast is our

778

00:35:15,730 --> 00:35:12,980

very own dr. Polly with an important

779

00:35:20,770 --> 00:35:15,740

update to this year's skeptic on Pauley

780

00:35:23,680 --> 00:35:20,780

hello I'm doing very well and just in

781

00:35:25,660 --> 00:35:23,690

the last last day in fact some very

782

00:35:27,970 --> 00:35:25,670

important information has come from the

783

00:35:30,970 --> 00:35:27,980

Gold Coast regarding this year's skeptic

784

00:35:35,470 --> 00:35:30,980

on what's the news what's the deal yes

785

00:35:38,590 --> 00:35:35,480

so we have been waiting to see how

786

00:35:42,310 --> 00:35:38,600

things are gonna play out with with

787

00:35:45,790 --> 00:35:42,320

obviously covered 19 and whether or not

788

00:35:49,650 --> 00:35:45,800

we run a face-to-face or online or mixed

789

00:35:52,120 --> 00:35:49,660

conference and we put out a survey and

790

00:35:57,150 --> 00:35:52,130

you know ask the skeptical community

791

00:36:00,870 --> 00:35:57,160

what they thought mmm we had a really

792

00:36:04,270 --> 00:36:00,880

overwhelming positive and supportive

793

00:36:07,330 --> 00:36:04,280

response so thank you to everyone who

794

00:36:11,500 --> 00:36:07,340

completed the very short survey the vast

795

00:36:14,580 --> 00:36:11,510

majority of people were in leaning

796

00:36:17,110 --> 00:36:14,590

towards online or a mixed approach and

797

00:36:18,970 --> 00:36:17,120

most of those people that had put down

798

00:36:20,890 --> 00:36:18,980

that they would be happy to come either

799

00:36:24,310 --> 00:36:20,900

face-to-face or online in the mixed

800

00:36:27,820 --> 00:36:24,320

approach stipulated that only if it was

801
00:36:30,790 --> 00:36:27,830
safe to do so given that things looking

802
00:36:32,770 --> 00:36:30,800
good here but restrictions are easing we

803
00:36:34,570 --> 00:36:32,780
don't know whether or not in October

804
00:36:37,890 --> 00:36:34,580
we're going to have a second wave I

805
00:36:39,880 --> 00:36:37,900
sincerely hope not yeah but

806
00:36:45,490 --> 00:36:39,890
unfortunately you know my chakras are

807
00:36:48,970 --> 00:36:45,500
not aligned so my psychic abilities shot

808
00:36:51,670 --> 00:36:48,980
at the moment so we thought that the

809
00:36:54,880 --> 00:36:51,680
best option would be to cut our losses

810
00:36:57,040 --> 00:36:54,890
and go for an online conference this

811
00:37:00,520 --> 00:36:57,050
year some might even say it's

812
00:37:04,210 --> 00:37:00,530
unprecedented Australian skeptics to do

813
00:37:08,560 --> 00:37:04,220

so it will be a first yeah and I'm

814

00:37:12,190 --> 00:37:08,570

really excited to be able to offer that

815

00:37:14,040 --> 00:37:12,200

to not just me but the whole team to

816

00:37:16,960 --> 00:37:14,050

offer that to our skeptical community

817

00:37:18,520 --> 00:37:16,970

hopefully those that might not have been

818

00:37:19,570 --> 00:37:18,530

able to make it all the way up to the

819

00:37:23,500 --> 00:37:19,580

Gold Coast this year

820

00:37:27,040 --> 00:37:23,510

or living especially those in rural and

821

00:37:30,130 --> 00:37:27,050

remote areas and even overseas we'll be

822

00:37:33,070 --> 00:37:30,140

able to chime in and the plan is to keep

823

00:37:35,620 --> 00:37:33,080

the costs as low as possible the only

824

00:37:39,100 --> 00:37:35,630

thing that the cost will be covering

825

00:37:40,840 --> 00:37:39,110

hopefully will be a cancellation fee all

826

00:37:43,660 --> 00:37:40,850

the wonderful wind used we had bought

827

00:37:47,610 --> 00:37:43,670

because we were too organized we booked

828

00:37:50,230 --> 00:37:47,620

everything and then about a month later

829

00:37:58,150 --> 00:37:50,240

it hit Australia and we went into

830

00:37:59,470 --> 00:37:58,160

lockdown so yes well we should have been

831

00:38:02,710 --> 00:37:59,480

listening to all those psychics who

832

00:38:05,770 --> 00:38:02,720

warned ourselves the pandemic but but I

833

00:38:07,360 --> 00:38:05,780

mean but be that as it may I think now

834

00:38:09,100 --> 00:38:07,370

for the rest of the world and all the

835

00:38:10,300 --> 00:38:09,110

people listening to the podcast in all

836

00:38:13,300 --> 00:38:10,310

the different countries around the world

837

00:38:15,280 --> 00:38:13,310

this is your opportunity now to be part

838

00:38:16,450 --> 00:38:15,290

of the Australian skeptics National

839

00:38:17,260 --> 00:38:16,460

Convention and I think that's very

840

00:38:20,770 --> 00:38:17,270

exciting

841

00:38:24,430 --> 00:38:20,780

yeah I agree I'm you know there's always

842

00:38:27,880 --> 00:38:24,440

a silver lining to all things what if

843

00:38:30,550 --> 00:38:27,890

the amazing thing that things that has

844

00:38:33,400 --> 00:38:30,560

come out from even Algol Co skeptics

845

00:38:35,290 --> 00:38:33,410

moving to online sort of out a pub made

846

00:38:37,420 --> 00:38:35,300

for now online now they're no longer

847

00:38:39,970 --> 00:38:37,430

skeptics in the pub they're skeptics on

848

00:38:41,590 --> 00:38:39,980

the couch it's been able to you know do

849

00:38:43,600 --> 00:38:41,600

it online and and so we're getting

850

00:38:48,130 --> 00:38:43,610

people tuning in from all over Australia

851
00:38:51,390 --> 00:38:48,140
and people that normally want to come

852
00:38:54,850 --> 00:38:51,400
but can't make it because of distance or

853
00:38:58,990 --> 00:38:54,860
timing kids all that sort of things so

854
00:39:03,130 --> 00:38:59,000
that accessibility is a real plus and we

855
00:39:05,680 --> 00:39:03,140
will be trying to come up with some ways

856
00:39:08,320 --> 00:39:05,690
that we can still create that feeling of

857
00:39:11,020 --> 00:39:08,330
community dream skeptic on which is

858
00:39:14,800 --> 00:39:11,030
really one of the big pluses of coming

859
00:39:17,470 --> 00:39:14,810
to a skeptic on and the other thing that

860
00:39:20,770 --> 00:39:17,480
we'd like to say is this is a national

861
00:39:24,580 --> 00:39:20,780
conference so if there are people out

862
00:39:27,820 --> 00:39:24,590
there that tech savvy or have run web

863
00:39:33,250 --> 00:39:27,830

conferences before please contact us

864

00:39:37,450 --> 00:39:33,260

email me at GCC skeptics at gmail.com

865

00:39:40,210 --> 00:39:37,460

that's GC skeptics at gmail.com mm-hmm

866

00:39:42,190 --> 00:39:40,220

and just let us know if you're able to

867

00:39:45,070 --> 00:39:42,200

help out and what your experience is

868

00:39:48,730 --> 00:39:45,080

because we're flying by the seat of our

869

00:39:50,470 --> 00:39:48,740

pants at the moment and but we we we

870

00:39:52,210 --> 00:39:50,480

need some experienced people to try and

871

00:39:54,520 --> 00:39:52,220

help us out so we can really deliver

872

00:39:55,840 --> 00:39:54,530

something amazing well if there's one

873

00:39:58,150 --> 00:39:55,850

thing I know about the worldwide

874

00:40:00,910 --> 00:39:58,160

skeptical community and listeners to

875

00:40:03,460 --> 00:40:00,920

this podcast is they are so willing and

876

00:40:05,470 --> 00:40:03,470

able to help and they love to help so

877

00:40:06,970 --> 00:40:05,480

there is the message folks if you think

878

00:40:08,560 --> 00:40:06,980

you can help out with a few technical

879

00:40:11,440 --> 00:40:08,570

tips if you've run something like this

880

00:40:13,510 --> 00:40:11,450

before an online convention please get

881

00:40:14,140 --> 00:40:13,520

in contact with dr. Paul II and the Gold

882

00:40:16,060 --> 00:40:14,150

Coast

883

00:40:17,650 --> 00:40:16,070

skeptics now dr. Paul II where can

884

00:40:20,859 --> 00:40:17,660

people go to find out more information

885

00:40:25,570 --> 00:40:20,869

at the moment yep so we're making all

886

00:40:30,390 --> 00:40:25,580

our announcements on skeptic on org a

887

00:40:33,099 --> 00:40:30,400

you so all all the announcements news

888

00:40:35,440 --> 00:40:33,109

program all that sort of thing will be

889

00:40:38,320 --> 00:40:35,450

posted on there

890

00:40:42,880 --> 00:40:38,330

and we do share these to our Twitter and

891

00:40:46,450 --> 00:40:42,890

Facebook accounts but the best is to go

892

00:40:47,740 --> 00:40:46,460

to skeptic on organ a you that's what

893

00:40:50,349 --> 00:40:47,750

we'll do folks we'll have a look at

894

00:40:52,630 --> 00:40:50,359

there and once again dr. Paul II I think

895

00:40:55,450 --> 00:40:52,640

by and large I think you've made a very

896

00:40:57,880 --> 00:40:55,460

wise decision because better safe than

897

00:41:00,460 --> 00:40:57,890

sorry but again let's look at the bright

898

00:41:02,920 --> 00:41:00,470

side and the chance for people all

899

00:41:04,780 --> 00:41:02,930

around the world to to be sitting in the

900

00:41:06,490 --> 00:41:04,790

audience so to speak on their own couch

901
00:41:08,230 --> 00:41:06,500
while listening to some of the great

902
00:41:09,880 --> 00:41:08,240
talks at an Australian skeptics

903
00:41:11,650 --> 00:41:09,890
convention and the bent spoon and all

904
00:41:13,000 --> 00:41:11,660
that sort of fun stuff yeah and hey look

905
00:41:30,340 --> 00:41:13,010
you don't even need to put your pants on

906
00:41:32,410 --> 00:41:30,350
this certainly is alright well there's a

907
00:41:34,870 --> 00:41:32,420
news folks once again dr. poorly all the

908
00:41:35,710 --> 00:41:34,880
way there on the Gold Coast thank you

909
00:41:38,390 --> 00:41:35,720
very much

910
00:41:45,040 --> 00:41:38,400
thanks Richard

911
00:41:48,470 --> 00:41:45,050
[Music]

912
00:41:51,609 --> 00:41:48,480
Australian skeptics in the pub online a

913
00:41:54,530 --> 00:41:51,619

talk by dr. Stephen Nicola

914

00:41:57,170 --> 00:41:54,540

from pharmaceuticals to electrocute

915

00:41:59,900 --> 00:41:57,180

Eagles how zapping the brain can treat

916

00:42:02,990 --> 00:41:59,910

depression now this will be on Thursday

917

00:42:06,740 --> 00:42:03,000

the 4th of June at 7 p.m.

918

00:42:10,849 --> 00:42:06,750

Sydney time Stephen Nicola has a PhD

919

00:42:14,060 --> 00:42:10,859

2019 in neuromodulation and the electro

920

00:42:16,130 --> 00:42:14,070

physiology and is an early career

921

00:42:18,319 --> 00:42:16,140

researcher and based at the University

922

00:42:21,560 --> 00:42:18,329

of New South Wales and the black dog

923

00:42:23,930 --> 00:42:21,570

Institute as a nationally recognized

924

00:42:26,930 --> 00:42:23,940

expert on the use of transcranial

925

00:42:28,730 --> 00:42:26,940

magnetic stimulation for depression he

926
00:42:31,490 --> 00:42:28,740
has travelled and provided on-site

927
00:42:33,650 --> 00:42:31,500
training to 21 public hospitals and

928
00:42:36,099 --> 00:42:33,660
private clinics in four Australian

929
00:42:38,690 --> 00:42:36,109
states and territories and credentialed

930
00:42:41,150 --> 00:42:38,700
approximately 200 nurses and

931
00:42:44,290 --> 00:42:41,160
psychiatrists on the safe and effective

932
00:42:47,040 --> 00:42:44,300
delivery of transcranial magnetic

933
00:42:49,800 --> 00:42:47,050
stimulation

934
00:42:53,010 --> 00:42:49,810
this promises to be a fascinating talk

935
00:42:55,920 --> 00:42:53,020
all online and for more information and

936
00:42:58,410 --> 00:42:55,930
how you can join in see the links in

937
00:43:05,000 --> 00:42:58,420
this week's show notes or visit

938
00:43:05,010 --> 00:43:12,990

[Music]

939

00:43:18,849 --> 00:43:16,660

now folks we we're a bit disappointed

940

00:43:19,359 --> 00:43:18,859

lately because of all the things being

941

00:43:21,519 --> 00:43:19,369

shut down

942

00:43:24,309 --> 00:43:21,529

we can't attend things one of those

943

00:43:27,279 --> 00:43:24,319

things was the wonderful pint of science

944

00:43:29,319 --> 00:43:27,289

and pint of science is an annual event

945

00:43:32,230 --> 00:43:29,329

where science communicators get together

946

00:43:33,430 --> 00:43:32,240

have a nice pint of beer or a drink of

947

00:43:36,490 --> 00:43:33,440

their choice and chat to people

948

00:43:38,829 --> 00:43:36,500

generally in a pub and even this year I

949

00:43:40,059 --> 00:43:38,839

was asked to be a part of Pine and

950

00:43:44,380 --> 00:43:40,069

science which was looking forward to

951
00:43:46,509 --> 00:43:44,390
well the pandemic had other plans but

952
00:43:49,450 --> 00:43:46,519
the pint of science people have put me

953
00:43:51,039 --> 00:43:49,460
in touch with somebody who really taps

954
00:43:52,420 --> 00:43:51,049
into something the skeptic zone and the

955
00:43:54,490 --> 00:43:52,430
Australian skeptics have been very

956
00:43:57,039 --> 00:43:54,500
interested in working on for many years

957
00:44:00,460 --> 00:43:57,049
which is vaccinations and maybe more

958
00:44:02,740 --> 00:44:00,470
importantly vaccination myths joining me

959
00:44:05,799 --> 00:44:02,750
all the way from Melbourne we have ketch

960
00:44:07,420 --> 00:44:05,809
Fiona neuen Robinson from the Godfrey

961
00:44:09,220 --> 00:44:07,430
laboratory university of melbourne

962
00:44:12,940 --> 00:44:09,230
department of microbiology and

963
00:44:17,410 --> 00:44:12,950

immunology what a mouthful it's a pretty

964

00:44:18,670 --> 00:44:17,420

long name and please tell me and now

965

00:44:21,430 --> 00:44:18,680

listen it's just a little bit about

966

00:44:23,650 --> 00:44:21,440

yourself and what you do there so I'm an

967

00:44:25,930 --> 00:44:23,660

immunology student I'm studying our

968

00:44:28,539 --> 00:44:25,940

immune response to different bacteria

969

00:44:30,960 --> 00:44:28,549

and in terms of infection especially the

970

00:44:35,230 --> 00:44:30,970

bacteria that causes tuberculosis and

971

00:44:37,509 --> 00:44:35,240

I'm also looking a little bit at skin

972

00:44:39,519 --> 00:44:37,519

allergy as well so how I mean system

973

00:44:41,470 --> 00:44:39,529

recognizes different things that cause

974

00:44:43,749 --> 00:44:41,480

allergy and how we can stop them from

975

00:44:45,430 --> 00:44:43,759

doing that and I guess part of your

976

00:44:48,670 --> 00:44:45,440

remit or part of the things you would

977

00:44:50,710 --> 00:44:48,680

like to do since you were involved in

978

00:44:52,779 --> 00:44:50,720

pint of Science in one way or the other

979

00:44:54,849 --> 00:44:52,789

is to let people know let the public

980

00:44:57,579 --> 00:44:54,859

know what you're doing yeah pretty much

981

00:45:00,249 --> 00:44:57,589

because a lot of what I do is is sort of

982

00:45:02,829 --> 00:45:00,259

what we call basic biology or basic

983

00:45:04,390 --> 00:45:02,839

science and then it's sort of baby steps

984

00:45:06,789 --> 00:45:04,400

towards creating something that will

985

00:45:08,319 --> 00:45:06,799

eventually translate into something in

986

00:45:11,140 --> 00:45:08,329

the clinic and I think it's important

987

00:45:14,410 --> 00:45:11,150

that people know that you know even that

988

00:45:15,640 --> 00:45:14,420

science is important - absolutely well I

989

00:45:18,460 --> 00:45:15,650

mean from our point of view of course

990

00:45:20,109 --> 00:45:18,470

all science is very important now and I

991

00:45:23,460 --> 00:45:20,119

was just chatting to you a second ago

992

00:45:24,570 --> 00:45:23,470

because as we record as we record this

993

00:45:28,800 --> 00:45:24,580

into

994

00:45:31,770 --> 00:45:28,810

you the news headline has come which

995

00:45:34,140 --> 00:45:31,780

says federal ministers flooded with an

996

00:45:36,960 --> 00:45:34,150

unprecedented level of anti-vaccination

997

00:45:38,610 --> 00:45:36,970

mail vaccination opponents have flooded

998

00:45:41,490 --> 00:45:38,620

senior government ministers with an

999

00:45:45,240 --> 00:45:41,500

unprecedented levels of correspondence

1000

00:45:47,400 --> 00:45:45,250

as experts warn of new wave of skeptics

1001
00:45:50,130 --> 00:45:47,410
anxious about potential coronavirus

1002
00:45:52,590 --> 00:45:50,140
vaccine now this is a worry for us

1003
00:45:54,990 --> 00:45:52,600
because the anti-vaxxers have have used

1004
00:45:57,060 --> 00:45:55,000
exempt us have used our name skeptics

1005
00:45:58,890 --> 00:45:57,070
and we're really not very happy about

1006
00:46:01,200 --> 00:45:58,900
that we keep pleading with the media to

1007
00:46:03,930 --> 00:46:01,210
call these people vaccination denies and

1008
00:46:06,240 --> 00:46:03,940
not vaccination skeptics be that as it

1009
00:46:09,630 --> 00:46:06,250
may one of your interests of course is

1010
00:46:11,930 --> 00:46:09,640
the myths and the misunderstanding and

1011
00:46:15,570 --> 00:46:11,940
the misconceptions revolving around

1012
00:46:18,300 --> 00:46:15,580
vaccinations have you had much to do

1013
00:46:21,000 --> 00:46:18,310

with the the aunt the hardcore anti

1014

00:46:24,750 --> 00:46:21,010

vaccination list with the hardcore ones

1015

00:46:28,740 --> 00:46:24,760

I try and avoid having heated

1016

00:46:32,670 --> 00:46:28,750

conversations very wise very wise yes

1017

00:46:34,860 --> 00:46:32,680

sir I do try and educate people I guess

1018

00:46:39,000 --> 00:46:34,870

about the immune system and what it does

1019

00:46:42,330 --> 00:46:39,010

and the point about vaccines but I try

1020

00:46:45,330 --> 00:46:42,340

and stay clear of anything too heated

1021

00:46:47,640 --> 00:46:45,340

and passionate I guess well look at that

1022

00:46:50,160 --> 00:46:47,650

I can understand that completely because

1023

00:46:51,450 --> 00:46:50,170

it can be very hard indeed and people

1024

00:46:54,600 --> 00:46:51,460

get very passionate you're absolutely

1025

00:46:57,960 --> 00:46:54,610

right but let's look at some of the well

1026
00:47:01,350 --> 00:46:57,970
the the more what can I say the standard

1027
00:47:02,820 --> 00:47:01,360
list of myths and misconceptions out

1028
00:47:05,730 --> 00:47:02,830
there now

1029
00:47:08,160 --> 00:47:05,740
here's an interesting one vaccinations

1030
00:47:10,920 --> 00:47:08,170
is unnatural yeah you kind of come

1031
00:47:12,750 --> 00:47:10,930
across that with with people saying you

1032
00:47:15,750 --> 00:47:12,760
know this is basically just injecting

1033
00:47:18,000 --> 00:47:15,760
yourself with science and and it's it's

1034
00:47:20,240 --> 00:47:18,010
really not a normal way to go about

1035
00:47:24,570 --> 00:47:20,250
fighting a disease but but really

1036
00:47:26,790 --> 00:47:24,580
vaccines use a person's natural immune

1037
00:47:29,430 --> 00:47:26,800
defenses to respond to disease so the

1038
00:47:33,530 --> 00:47:29,440

idea is to give you a small dose of the

1039

00:47:35,850 --> 00:47:33,540

bacterial or virus that the sort of

1040

00:47:38,540 --> 00:47:35,860

disarmed in a way so they're not able to

1041

00:47:40,400 --> 00:47:38,550

cause a full-blown infection but it

1042

00:47:42,350 --> 00:47:40,410

it's allowing your immune system to have

1043

00:47:45,020 --> 00:47:42,360

the chance to remember it and build up

1044

00:47:47,600 --> 00:47:45,030

an army to rapidly defend itself the

1045

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

next time that bacteria or virus try to

1046

00:47:52,730 --> 00:47:50,220

infect you and actually going back in

1047

00:47:54,980 --> 00:47:52,740

thousands of years for the people who

1048

00:47:58,280 --> 00:47:54,990

kind of like to think more about natural

1049

00:48:00,380 --> 00:47:58,290

medicine the Brahmins in India so the

1050

00:48:03,430 --> 00:48:00,390

the medical medical practitioners in

1051
00:48:06,530 --> 00:48:03,440
India a long time ago they would just be

1052
00:48:10,490 --> 00:48:06,540
scratching people and putting scabs

1053
00:48:12,560 --> 00:48:10,500
infected snow on the scratches so that's

1054
00:48:14,300 --> 00:48:12,570
something that I guess you could kind of

1055
00:48:17,480 --> 00:48:14,310
think of as natural medicine that is

1056
00:48:20,210 --> 00:48:17,490
really sort of the baby steps towards

1057
00:48:24,020 --> 00:48:20,220
what we think of vaccinations today yeah

1058
00:48:27,590 --> 00:48:24,030
and I like the term you use the the

1059
00:48:31,490 --> 00:48:27,600
viruses are disarmed that's a lovely

1060
00:48:33,860 --> 00:48:31,500
analogy I really like that and well I

1061
00:48:35,750 --> 00:48:33,870
mean probably the biggest myth or

1062
00:48:38,120 --> 00:48:35,760
misunderstanding that we face certainly

1063
00:48:40,720 --> 00:48:38,130

from the anti vaccination crowd is the

1064

00:48:44,300 --> 00:48:40,730

blanket statement vaccinations are

1065

00:48:47,540 --> 00:48:44,310

unsafe now from your point of view how

1066

00:48:49,460 --> 00:48:47,550

would you counter that one well I think

1067

00:48:52,880 --> 00:48:49,470

it's important to clarify that that

1068

00:48:56,150 --> 00:48:52,890

vaccines are tested for how well they

1069

00:48:59,750 --> 00:48:56,160

work and how safe they are so with any

1070

00:49:02,360 --> 00:48:59,760

given drug treatment vaccine that comes

1071

00:49:05,480 --> 00:49:02,370

out of a laboratory and before it

1072

00:49:08,870 --> 00:49:05,490

reaches the clinic or hospital its

1073

00:49:11,480 --> 00:49:08,880

tested on several people and then more

1074

00:49:13,130 --> 00:49:11,490

and more and more escalating to make

1075

00:49:15,290 --> 00:49:13,140

sure that it's safe in all of those

1076
00:49:17,990 --> 00:49:15,300
people before it even reaches market

1077
00:49:20,090 --> 00:49:18,000
with vaccines like any other any other

1078
00:49:21,530 --> 00:49:20,100
phonological product that comes out of

1079
00:49:24,380 --> 00:49:21,540
Australia it has to pass stringent

1080
00:49:27,590 --> 00:49:24,390
testing for safety by the therapeutic

1081
00:49:30,260 --> 00:49:27,600
goods association or the TGA and their

1082
00:49:32,930 --> 00:49:30,270
sample their regular regularly monitored

1083
00:49:34,910 --> 00:49:32,940
so it's not just when it comes out like

1084
00:49:36,770 --> 00:49:34,920
even several months or years down the

1085
00:49:39,140 --> 00:49:36,780
track they're always testing at their

1086
00:49:41,930 --> 00:49:39,150
safe and effective and I mean sometimes

1087
00:49:44,240 --> 00:49:41,940
they might produce undesired effects

1088
00:49:46,100 --> 00:49:44,250

like you might have a song but that's

1089

00:49:49,120 --> 00:49:46,110

actually a sign that your mean system is

1090

00:49:51,410 --> 00:49:49,130

kicking in alright yeah my dear is to

1091

00:49:52,220 --> 00:49:51,420

generate inflammation which is why you

1092

00:49:54,470 --> 00:49:52,230

have a saw

1093

00:49:56,450 --> 00:49:54,480

around the area that you've been

1094

00:49:58,400 --> 00:49:56,460

vaccinated there's an old saying in

1095

00:50:01,790 --> 00:49:58,410

skeptical circles and you've probably

1096

00:50:03,650 --> 00:50:01,800

come across homeopathy in your travels

1097

00:50:06,410 --> 00:50:03,660

because another thing we've been

1098

00:50:07,820 --> 00:50:06,420

fighting is is homeopathy because there

1099

00:50:09,080 --> 00:50:07,830

are groups out there who say you can

1100

00:50:12,140 --> 00:50:09,090

give your your baby

1101
00:50:13,640 --> 00:50:12,150
homeopathic vaccines and it has no side

1102
00:50:15,890 --> 00:50:13,650
effects well of course the comeback is

1103
00:50:17,570 --> 00:50:15,900
well if something has no side effects it

1104
00:50:20,090 --> 00:50:17,580
has no effects to begin with because

1105
00:50:21,920 --> 00:50:20,100
it's just the way the body works but but

1106
00:50:22,790 --> 00:50:21,930
getting back to these you know being

1107
00:50:24,500 --> 00:50:22,800
unsafe

1108
00:50:26,900 --> 00:50:24,510
another thing we hear all the times is

1109
00:50:28,760 --> 00:50:26,910
and you see placards people walking with

1110
00:50:33,380 --> 00:50:28,770
these vaccinate vaccinations contain

1111
00:50:37,370 --> 00:50:33,390
toxins additives foreign proteins and/or

1112
00:50:39,800 --> 00:50:37,380
metals now what's the story they're all

1113
00:50:42,710 --> 00:50:39,810

vaccines vary in their composition the

1114

00:50:46,550 --> 00:50:42,720

idea is that you are giving as I said a

1115

00:50:50,240 --> 00:50:46,560

disarmed bacteria or virus but it's not

1116

00:50:52,660 --> 00:50:50,250

just that um it could be parts of them

1117

00:50:55,220 --> 00:50:52,670

it could be whole but you do need

1118

00:50:56,990 --> 00:50:55,230

additives and things like that to keep

1119

00:50:58,430 --> 00:50:57,000

it safe because once produced the

1120

00:51:00,590 --> 00:50:58,440

vaccines are sitting around in

1121

00:51:03,140 --> 00:51:00,600

warehouses for a very long time right

1122

00:51:05,359 --> 00:51:03,150

before they actually use so they do

1123

00:51:07,490 --> 00:51:05,369

require additives to help stabilize them

1124

00:51:09,560 --> 00:51:07,500

but those additives themselves are also

1125

00:51:12,250 --> 00:51:09,570

checked out by the therapeutics goods

1126
00:51:15,830 --> 00:51:12,260
association so they're checked as well

1127
00:51:17,900 --> 00:51:15,840
and I guess another thing that people

1128
00:51:21,140 --> 00:51:17,910
can be concerned about in terms of the

1129
00:51:24,020 --> 00:51:21,150
things that are added into vaccines for

1130
00:51:25,849 --> 00:51:24,030
example with the flu vaccine if you are

1131
00:51:28,130 --> 00:51:25,859
allergic to eggs or chicken they do

1132
00:51:31,670 --> 00:51:28,140
advise that you know you take that into

1133
00:51:34,220 --> 00:51:31,680
consideration because viruses can't grow

1134
00:51:36,380 --> 00:51:34,230
outside of cells so when we're producing

1135
00:51:39,920 --> 00:51:36,390
viruses in a lab we do have to grow them

1136
00:51:42,590 --> 00:51:39,930
in cells and some virus vaccines are

1137
00:51:45,800 --> 00:51:42,600
made in chicken eggs or cells no ma'am

1138
00:51:48,349 --> 00:51:45,810

so just like a bar of not free chocolate

1139

00:51:50,420 --> 00:51:48,359

my right may contain traces of nuts you

1140

00:51:53,599 --> 00:51:50,430

know some vaccines may also contain

1141

00:51:55,160 --> 00:51:53,609

traces of substances like egg yeah

1142

00:51:57,020 --> 00:51:55,170

that's an interesting point you know it

1143

00:52:00,080 --> 00:51:57,030

never crossed my mind that vaccines have

1144

00:52:02,380 --> 00:52:00,090

to sit somewhere being stored waiting

1145

00:52:05,420 --> 00:52:02,390

for use and of course you know they can

1146

00:52:06,100 --> 00:52:05,430

perish and they need to be maintained

1147

00:52:08,590 --> 00:52:06,110

it's a very good

1148

00:52:11,710 --> 00:52:08,600

point just like the pickles that you ate

1149

00:52:13,900 --> 00:52:11,720

the pickles need to be preserved to be

1150

00:52:16,540 --> 00:52:13,910

preserved to baby pickles

1151
00:52:18,640 --> 00:52:16,550
that's good point now one of the most

1152
00:52:22,570 --> 00:52:18,650
emotive ones well you know that really

1153
00:52:25,000 --> 00:52:22,580
that stirs people is the the slogan that

1154
00:52:28,410 --> 00:52:25,010
vaccines have produced using aborted

1155
00:52:30,550 --> 00:52:28,420
fetuses that's a rather heavy one hmm

1156
00:52:33,190 --> 00:52:30,560
there has been concern about the

1157
00:52:37,060 --> 00:52:33,200
morality of receiving vaccines when the

1158
00:52:41,020 --> 00:52:37,070
virus is grown using fetal tissue so

1159
00:52:44,440 --> 00:52:41,030
viruses do have to be grown in cells and

1160
00:52:48,070 --> 00:52:44,450
that's for long periods of time so some

1161
00:52:51,010 --> 00:52:48,080
cells that are used in the lab did

1162
00:52:53,230 --> 00:52:51,020
originate from human fetal tissue and

1163
00:52:56,080 --> 00:52:53,240

that was obtained from a couple of

1164

00:52:59,620 --> 00:52:56,090

elected elective abortions in the 1960s

1165

00:53:01,960 --> 00:52:59,630

quite some time ago but those abortions

1166

00:53:05,770 --> 00:53:01,970

weren't done for the purpose of

1167

00:53:07,990 --> 00:53:05,780

harvesting cells and no further fetal

1168

00:53:11,230 --> 00:53:08,000

tissue has been taken since writing

1169

00:53:13,480 --> 00:53:11,240

since that time and while there might be

1170

00:53:15,460 --> 00:53:13,490

objections on the basis of religion the

1171

00:53:17,500 --> 00:53:15,470

Vatican did issue a statement a while

1172

00:53:19,870 --> 00:53:17,510

ago saying that those kind of moral

1173

00:53:24,100 --> 00:53:19,880

problems are negated if that otherwise

1174

00:53:26,440 --> 00:53:24,110

danger to our health is outweighing that

1175

00:53:28,090 --> 00:53:26,450

yeah it's always the balancing act isn't

1176

00:53:30,670 --> 00:53:28,100

it I mean this is it's a very

1177

00:53:33,520 --> 00:53:30,680

interesting philosophical Avenue we

1178

00:53:36,370 --> 00:53:33,530

could explore explore on a rabbit hole

1179

00:53:39,010 --> 00:53:36,380

in other words I'm ourselves that we do

1180

00:53:41,890 --> 00:53:39,020

use in a lab are actually some cancer

1181

00:53:45,220 --> 00:53:41,900

cells as opposed to fetal cells anyway

1182

00:53:47,770 --> 00:53:45,230

so we use eggs chicken eggs or we use

1183

00:53:50,320 --> 00:53:47,780

some cancer cells as opposed to anything

1184

00:53:53,590 --> 00:53:50,330

from aborted tissue okay

1185

00:53:56,230 --> 00:53:53,600

now here's an interesting one people who

1186

00:53:59,440 --> 00:53:56,240

are vaccinated can still get the disease

1187

00:54:01,750 --> 00:53:59,450

ah and another one is the flu shot we'll

1188

00:54:04,960 --> 00:54:01,760

give you the flu but it's true I mean

1189

00:54:08,200 --> 00:54:04,970

people who are vaccinated can still get

1190

00:54:11,770 --> 00:54:08,210

the disease yeah that's true vaccines

1191

00:54:14,620 --> 00:54:11,780

aren't 100% effective and some people

1192

00:54:16,900 --> 00:54:14,630

might be vaccinated and not generate a

1193

00:54:19,329 --> 00:54:16,910

great immune response and that's just

1194

00:54:21,579 --> 00:54:19,339

sort of individual specific

1195

00:54:23,890 --> 00:54:21,589

so for example I myself I was vaccinated

1196

00:54:26,799 --> 00:54:23,900

for hepatitis B when I was little and

1197

00:54:28,539 --> 00:54:26,809

they tested a couple of years ago

1198

00:54:32,370 --> 00:54:28,549

whether or not I was protected and I

1199

00:54:35,109 --> 00:54:32,380

wasn't so I need to be vaccinated again

1200

00:54:37,269 --> 00:54:35,119

so some people for whatever underlying

1201

00:54:38,739 --> 00:54:37,279

genetic reason or it's something like

1202

00:54:40,269 --> 00:54:38,749

that they just can't develop a strong

1203

00:54:42,909 --> 00:54:40,279

immune response even if they do have a

1204

00:54:45,009 --> 00:54:42,919

vaccination but having said that just

1205

00:54:47,799 --> 00:54:45,019

because you might not have a good immune

1206

00:54:49,149 --> 00:54:47,809

response to one infection doesn't mean

1207

00:54:53,289 --> 00:54:49,159

that you're not protected against the

1208

00:54:56,289 --> 00:54:53,299

other hmm um I guess the flu is a very

1209

00:54:59,229 --> 00:54:56,299

good example in that you do need the

1210

00:55:00,939 --> 00:54:59,239

annual flu shot and even if you do get

1211

00:55:02,829 --> 00:55:00,949

it that doesn't guarantee that you don't

1212

00:55:06,609 --> 00:55:02,839

get the flu and that's just because the

1213

00:55:09,939 --> 00:55:06,619

influenza virus itself is very varied

1214

00:55:11,709 --> 00:55:09,949

right so even though you might be

1215

00:55:14,469 --> 00:55:11,719

protected against some strains of flu

1216

00:55:16,749 --> 00:55:14,479

there are others that your immune system

1217

00:55:18,909 --> 00:55:16,759

hasn't encountered before even with the

1218

00:55:20,380 --> 00:55:18,919

vaccine so you might be infected with

1219

00:55:22,839 --> 00:55:20,390

those ones that slip through the cracks

1220

00:55:25,209 --> 00:55:22,849

and it's interesting what you say

1221

00:55:27,099 --> 00:55:25,219

because again we're getting back to what

1222

00:55:30,159 --> 00:55:27,109

the anti-vaxxers say they'll march

1223

00:55:33,609 --> 00:55:30,169

around saying it's not 100% safe and

1224

00:55:35,679 --> 00:55:33,619

effective well no one ever says you said

1225

00:55:40,359 --> 00:55:35,689

nobody ever says it was because nothing

1226
00:55:42,279 --> 00:55:40,369
is 100% safe and effective but it's the

1227
00:55:44,259 --> 00:55:42,289
sort of thing they'll use to say you

1228
00:55:45,999 --> 00:55:44,269
know any bad reactions you say well

1229
00:55:47,319 --> 00:55:46,009
obviously doesn't work look at this you

1230
00:55:49,509 --> 00:55:47,329
know you've got the sore arm or although

1231
00:55:51,189 --> 00:55:49,519
they will trump at the fact that and we

1232
00:55:53,589 --> 00:55:51,199
can get on to the next myth they will

1233
00:55:58,120 --> 00:55:53,599
trumpet the fact that vaccines cause

1234
00:56:01,059 --> 00:55:58,130
autism or in and/or inflammatory bowel

1235
00:56:03,729 --> 00:56:01,069
diseases and all sorts of awful things

1236
00:56:06,159 --> 00:56:03,739
yeah well that theory or the link

1237
00:56:07,599 --> 00:56:06,169
between vaccines and autism or

1238
00:56:11,829 --> 00:56:07,609

inflammatory bowel disease that was

1239

00:56:13,599 --> 00:56:11,839

posed by a group of researchers in 1998

1240

00:56:16,859 --> 00:56:13,609

or something like that it was last

1241

00:56:20,259 --> 00:56:16,869

century it's a good way to put it yes

1242

00:56:22,059 --> 00:56:20,269

but paper that was published that

1243

00:56:24,880 --> 00:56:22,069

actually claimed that has since been

1244

00:56:27,519 --> 00:56:24,890

retracted as the daughter and the theory

1245

00:56:29,290 --> 00:56:27,529

was sort of based on fraudulent kind of

1246

00:56:31,090 --> 00:56:29,300

research and

1247

00:56:34,120 --> 00:56:31,100

there have been so many more studies

1248

00:56:36,220 --> 00:56:34,130

lately that or more recently that show

1249

00:56:38,290 --> 00:56:36,230

that there is no link between vaccines

1250

00:56:41,590 --> 00:56:38,300

and autism all these other kind of

1251
00:56:43,540 --> 00:56:41,600
diseases now you are involved in such

1252
00:56:45,280 --> 00:56:43,550
interesting and important work and of

1253
00:56:48,580 --> 00:56:45,290
course if you ever want to pick the

1254
00:56:50,050 --> 00:56:48,590
brains of the Australian skeptics and

1255
00:56:52,420 --> 00:56:50,060
we've got a lot of people who have been

1256
00:56:54,100 --> 00:56:52,430
fighting these myths for many years you

1257
00:56:56,530 --> 00:56:54,110
know you know where to find us now so

1258
00:56:59,200 --> 00:56:56,540
that's really great and we of course are

1259
00:57:01,480 --> 00:56:59,210
always at your disposal if you want to

1260
00:57:04,510 --> 00:57:01,490
find more information or pick our brains

1261
00:57:06,760 --> 00:57:04,520
but wow what a what a treat it is to

1262
00:57:08,820 --> 00:57:06,770
chat to someone of a like mind someone

1263
00:57:11,320 --> 00:57:08,830

interested in in the importance of

1264

00:57:14,430 --> 00:57:11,330

vaccination and immunization especially

1265

00:57:17,530 --> 00:57:14,440

in our current environment with the

1266

00:57:19,450 --> 00:57:17,540

pandemic and you've probably seen this

1267

00:57:22,390 --> 00:57:19,460

yourself there are people already geared

1268

00:57:24,430 --> 00:57:22,400

up to oppose and fight any vaccinations

1269

00:57:26,770 --> 00:57:24,440

that comes along for covert 19 we do

1270

00:57:30,130 --> 00:57:26,780

live in a crazy world yeah I really

1271

00:57:31,780 --> 00:57:30,140

can't believe how fast these conspiracy

1272

00:57:34,060 --> 00:57:31,790

theories around curve in nineteen have

1273

00:57:35,650 --> 00:57:34,070

been spreading it's basically been

1274

00:57:37,870 --> 00:57:35,660

parallel to the amount of information

1275

00:57:39,160 --> 00:57:37,880

we've been learning about them as well I

1276

00:57:42,070 --> 00:57:39,170

guess the more we learn the more

1277

00:57:43,450 --> 00:57:42,080

conspiracy theories are popping up yeah

1278

00:57:46,450 --> 00:57:43,460

yeah and I don't think we've seen

1279

00:57:49,090 --> 00:57:46,460

anything yet die and we live in

1280

00:57:51,160 --> 00:57:49,100

interesting times well listen Catriona

1281

00:57:54,160 --> 00:57:51,170

thank you so much for sparing some time

1282

00:57:57,790 --> 00:57:54,170

a fascinating dive into some of the

1283

00:57:59,180 --> 00:57:57,800

myths of vaccination but for now once

1284

00:58:15,960 --> 00:57:59,190

again thank you very much

1285

00:58:19,960 --> 00:58:18,460

thank you for listening to the skeptic

1286

00:58:21,880 --> 00:58:19,970

zone and thank you to those people who

1287

00:58:25,470 --> 00:58:21,890

continue to support the skeptic zone at

1288

00:59:20,740 --> 00:58:25,480

patreon or PayPal just go to

1289

00:59:23,530 --> 00:59:20,750

www.dvc.edu/financialaid the ESP and in

1290

00:59:27,069 --> 00:59:23,540

fact very wonderful person actually

1291

00:59:29,500 --> 00:59:27,079

bought me the audio book of the skeptics

1292

00:59:31,750 --> 00:59:29,510

guide to the universe so I'm having an

1293

00:59:36,339 --> 00:59:31,760

enormous amount of pleasure rereading

1294

00:59:38,770 --> 00:59:36,349

that so to speak so to speak I find I

1295

00:59:41,349 --> 00:59:38,780

absorb information better when I hear it

1296

00:59:44,740 --> 00:59:41,359

as opposed to reading it and it's just

1297

00:59:46,870 --> 00:59:44,750

reminded me what a what a wonderful book

1298

00:59:49,690 --> 00:59:46,880

it is and I would recommend that for any

1299

00:59:53,260 --> 00:59:49,700

skeptic it belongs on your shelf in your

1300

00:59:56,130 --> 00:59:53,270

bookshelf alongside flim flam and the

1301
00:59:58,569 --> 00:59:56,140
demon haunted world it's a terrific book

1302
00:59:59,980 --> 00:59:58,579
coming up on next week's show we speak

1303
01:00:02,799 --> 00:59:59,990
to an old friend of mine Oh Loretta

1304
01:00:04,900 --> 01:00:02,809
Marin known as the jelly bean lady she's

1305
01:00:07,420 --> 01:00:04,910
going to be talking about biofeedback

1306
01:00:10,720 --> 01:00:07,430
machines bioresonance these zapping

1307
01:00:15,549 --> 01:00:10,730
machines that still plague Australian

1308
01:00:17,339 --> 01:00:15,559
society somebody say Easter Egg hmm

1309
01:00:19,539 --> 01:00:17,349
we'll have to find out but for this week

1310
01:00:25,130 --> 01:00:19,549
mrs. Richard Saunders

1311
01:00:31,340 --> 01:00:27,660
you've been listening to the skeptic

1312
01:00:36,330 --> 01:00:31,350
zone podcast please visit our website at

1313
01:00:39,030 --> 01:00:36,340

WWDC be for show notes contacts and to

1314

01:00:42,780 --> 01:00:39,040

access the bat catalog of episodes going

1315

01:00:45,590 --> 01:00:42,790

back to 2008 you can follow the skeptic

1316

01:00:48,330 --> 01:00:45,600

zone podcast on twitter at skeptic zone

1317

01:00:49,880 --> 01:00:48,340

visit our facebook page or leave a

1318

01:00:52,560 --> 01:00:49,890

review on itunes

1319

01:00:55,950 --> 01:00:52,570

you can also support the skeptic zone

1320

01:00:58,670 --> 01:00:55,960

via patreon or paypal the skeptic zone

1321

01:01:01,050 --> 01:00:58,680

podcast is an independent production

1322

01:01:03,180 --> 01:01:01,060

reviews and opinions expressed on the

1323

01:01:05,520 --> 01:01:03,190

skeptic zone are not necessarily those

1324

01:01:07,360 --> 01:01:05,530

of Australian skeptics or any other

1325

01:01:17,120 --> 01:01:07,370

sceptical organisation

1326

01:01:24,030 --> 01:01:20,670

record okay so it's always a good idea

1327

01:01:26,220 --> 01:01:24,040

to press record my goodness me look at

1328

01:01:26,910 --> 01:01:26,230

who has appeared on my screen out of

1329

01:01:28,890 --> 01:01:26,920

nowhere

1330

01:01:32,190 --> 01:01:28,900

it's the well-known skeptic himself Rob

1331

01:01:35,490 --> 01:01:32,200

Palmer hello Rob hello Richard I'm glad

1332

01:01:36,810 --> 01:01:35,500

to be here now well I've got you why

1333

01:01:38,190 --> 01:01:36,820

I've got you you're going to be my

1334

01:01:39,810 --> 01:01:38,200

guinea pig and then we're gonna talk

1335

01:01:42,150 --> 01:01:39,820

about something else I think you're

1336

01:01:47,970 --> 01:01:42,160

gonna be my guinea pig for this week's

1337

01:01:49,890 --> 01:01:47,980

dye test - test - this for years and I

1338

01:01:53,220 --> 01:01:49,900

always get it right every time it's

1339

01:01:55,350 --> 01:01:53,230

amazing Wow Wow well I'm shocked to hear

1340

01:01:59,190 --> 01:01:55,360

that let's see if you can keep up your

1341

01:02:00,720 --> 01:01:59,200

100% success rate I have a ten sided die

1342

01:02:02,370 --> 01:02:00,730

and I think you know what I can hold

1343

01:02:07,560 --> 01:02:02,380

that up to the camera for you look at

1344

01:02:09,180 --> 01:02:07,570

that there you go you can verify like I

1345

01:02:14,690 --> 01:02:09,190

can use that hang on let me find that

1346

01:02:18,090 --> 01:02:14,700

one here we go in my little box look at

1347

01:02:22,520 --> 01:02:18,100

that oh that is so cool and where did

1348

01:02:23,850 --> 01:02:22,530

you get that I got that at Albuquerque

1349

01:02:26,280 --> 01:02:23,860

Airport

1350

01:02:28,470 --> 01:02:26,290

oh so that's pretty close to Roswell

1351

01:02:30,990 --> 01:02:28,480

yeah so you can see there's the alien

1352

01:02:34,380 --> 01:02:31,000

face we've gotta - the eyes are it's

1353

01:02:39,300 --> 01:02:34,390

nuts one that's a wine that's the one -

1354

01:02:40,770 --> 01:02:39,310

is if I can find their own s3 I'm doing

1355

01:02:46,680 --> 01:02:40,780

this backwards in the camera it's really

1356

01:02:50,640 --> 01:02:46,690

way out - is to - UFOs and three is a

1357

01:02:54,810 --> 01:02:50,650

UFO and two alien eyes for is for alien

1358

01:02:57,810 --> 01:02:54,820

eyes five is for eyes and one UFO and

1359

01:03:02,310 --> 01:02:57,820

six are six alien eyes so we'll roll it

1360

01:03:04,770 --> 01:03:02,320

three times and before it lands what is

1361

01:03:09,120 --> 01:03:04,780

your first psychic prediction or dumb

1362

01:03:13,070 --> 01:03:09,130

luck guess four roll number one for for

1363

01:03:16,710 --> 01:03:13,080

sure for for sure for all right

1364

01:03:22,020 --> 01:03:16,720

that's incredible because it came up as

1365

01:03:23,460 --> 01:03:22,030

a one you know I mean I I can't believe

1366

01:03:24,450 --> 01:03:23,470

the first time I'm doing this live and I

1367

01:03:27,570 --> 01:03:24,460

get it wrong well sure

1368

01:03:31,800 --> 01:03:27,580

get the next two room right what's your

1369

01:03:32,970 --> 01:03:31,810

next next prediction also for our pretty

1370

01:03:35,810 --> 01:03:32,980

gorgeous we're seeing that into the

1371

01:03:38,130 --> 01:03:35,820

future with a little pretty right ooh

1372

01:03:40,410 --> 01:03:38,140

well you know all I can say is you're

1373

01:03:42,750 --> 01:03:40,420

getting closer because it's a three see

1374

01:03:43,589 --> 01:03:42,760

all right it's a three you want even

1375

01:03:45,720 --> 01:03:43,599

closer

1376

01:03:47,220 --> 01:03:45,730

well maybe everything's very far into

1377

01:03:49,200 --> 01:03:47,230

the future I will definitely stick with

1378

01:03:52,430 --> 01:03:49,210

the fourth all right here we go last

1379

01:03:55,980 --> 01:03:52,440

time yeah that's interesting

1380

01:03:58,620 --> 01:03:55,990

it's trying for you but again we've

1381

01:04:00,390 --> 01:03:58,630

landed on number three so today's

1382

01:04:05,940 --> 01:04:00,400

mystical night cannot believe the first

1383

01:04:07,410 --> 01:04:05,950

time that's what they call the skeptic

1384

01:04:09,540 --> 01:04:07,420

effect you see when you do in a second

1385

01:04:12,329 --> 01:04:09,550

experiment with a set a sceptic a

1386

01:04:13,980 --> 01:04:12,339

skeptic your psychic powers disappeared

1387

01:04:16,500 --> 01:04:13,990

today's winning numbers this week's

1388

01:04:18,599 --> 01:04:16,510

winning numbers a 1 3 & 3 well I've got

1389

01:04:19,290 --> 01:04:18,609

you there Rob you took part in something

1390

01:04:21,450 --> 01:04:19,300

with them

1391

01:04:25,140 --> 01:04:21,460

your friend susan gerbic online you gave

1392

01:04:30,089 --> 01:04:25,150

her a talk or a lecture yes she has

1393

01:04:31,500 --> 01:04:30,099

started her about time project and I was

1394

01:04:33,570 --> 01:04:31,510

the guinea pig so I did the first

1395

01:04:35,880 --> 01:04:33,580

presentation as a zoom presentation it

1396

01:04:37,950 --> 01:04:35,890

was about what's the harm and believing

1397

01:04:40,020 --> 01:04:37,960

in psychics it's a basically an expanded

1398

01:04:43,710 --> 01:04:40,030

version of what I did at psych on last

1399

01:04:45,570 --> 01:04:43,720

year and it was about 30 35 minutes long

1400

01:04:47,339 --> 01:04:45,580

and then we had a nice QA we did it on

1401

01:04:50,310 --> 01:04:47,349

Zoom and she has uploaded it to YouTube

1402

01:04:54,210 --> 01:04:50,320

well and how can people discover that or

1403

01:04:55,500 --> 01:04:54,220

look for that well I made a tiny URL to

1404

01:04:57,359 --> 01:04:55,510

make it easy I don't have to give you

1405

01:05:01,620 --> 01:04:57,369

the entire long string so it's

1406

01:05:03,540 --> 01:05:01,630

tinyurl.com slash about time zero zero

1407

01:05:08,339 --> 01:05:03,550

chip that's easy to remember

1408

01:05:11,940 --> 01:05:08,349

tiny URL and then the the important part

1409

01:05:14,520 --> 01:05:11,950

is about time after time zero zero two

1410

01:05:16,530 --> 01:05:14,530

zero zero two I'll will add a link in

1411

01:05:19,740 --> 01:05:16,540

this week's show notes folks regard

1412

01:05:21,780 --> 01:05:19,750

let's go and go and have a look and I

1413

01:05:24,210 --> 01:05:21,790

soon I hope maybe in the next couple of

1414

01:05:26,550 --> 01:05:24,220

weeks I'll be giving a talk on that same

1415

01:05:29,070 --> 01:05:26,560

platform of myself hosted by Oh

1416

01:05:30,660 --> 01:05:29,080

fantastic Mik West just went today and

1417

01:05:32,310 --> 01:05:30,670

his will be uploaded shortly and they

1418

01:05:33,950 --> 01:05:32,320

had a nice chat all about conspiracy

1419

01:05:36,359 --> 01:05:33,960

theories and including of course the

1420

01:05:36,700 --> 01:05:36,369

corona virus stuff that's going on right

1421

01:05:38,349 --> 01:05:36,710

now

1422

01:05:39,609 --> 01:05:38,359

excellent it probably happened in the

1423

01:05:41,770 --> 01:05:39,619

middle of the night my time but I'll

1424

01:05:43,180 --> 01:05:41,780

certainly swing by and have a look Rob

1425

01:05:45,579 --> 01:05:43,190

power looking forward to it

