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Title: INTERVIEW OF ZHUO QIAN

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Pages 46

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ADDENDUM/ERRATA SHEET

Page Line Correction and Reason for Correction

4 6 end of 1993

5 14 no overlap working bench or project

5 22 no, not much interactions

6 16 neuroscience aspect

6 18 " "

7 25 --- and ~~there~~^{here} is also very famous lab

8 17 he is a ~~total~~ paranoid person

8 24 I ~~do~~ am not prepared to name these persons specifically right now. I think he had

9 19 that ^{imaginative} sabotage things after I arrived here two years ago.

11 1 data

~~13 19 more than a year and half~~

13 20

13 23 plasmid of a promoter gene

14 14

14 23 happened almost two years ago

15 14 give it out

15 21 But I was ~~hesitant~~ hesitated to give it

15 25 told susumu or other people another

15 8 he went to susumu and min xu say something differently

16 19

16 20

17 12 like three months after my arrival.

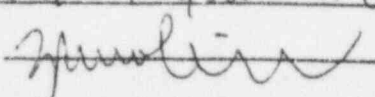
18 6 yugin Li want to have all the authorship

20 10 close to him

21 22 somewhere by now

22 25 I ~~am~~am not aware whether he has any friends

22 17 why couldn't you Mr. C. poison him?

Page 1 Date 10/20 Signature 

ADDENDUM/ERRATA SHEET

Page	Line	Correction and Reason for Correction
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25	15	Yes We have a conference room
----	----	-------------------------------

29	21	I did some labeling work
----	----	--------------------------

30	5	
----	---	--

31	9	I labeled my note for the previous week before the accident
----	---	--

32	14	that is one dose
----	----	------------------

33	10	hard to see
----	----	-------------

39	20 1	because we are not ...
----	-----------------	------------------------

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UNITED STATES OF AMERICA

- - - - -

NUCLEAR REGULATORY COMMISSION

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INTERVIEW OF ZHUO QIAN

- - - - -

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

- - - - -

THURSDAY, OCTOBER 19, 1995

- - - - -

4:00 O'CLOCK P.M.

- - - - -

INTERVIEWERS:

LARRY ROBINSON

Chief Interviewer

JOHN GLENN

Team Leader

GREGGORY P. GONECONTO

BETSY ULLRICH

1 P-R-O-C-E-E-D-I-N-G-S

2 (4:00 p.m.)

3 MR. ROBINSON: For the record, it's now 4:00
4 p.m., Thursday, October 19, 1995. This is an interview of
5 Mr. Zhuo Qian. Close enough? Okay.

6 This interview is being conducted in the -- on
7 the campus of Massachusetts Institute of Technology. It
8 pertains to an event which occurred in August of 1995,
9 regarding an ingestion of Phosphorus-32.

10 I'm present at the interview. I'll introduce
11 myself, and I will just let everyone go around and
12 introduce themselves for the record. My name is Larry
13 Robinson, and I am with the Office of Investigations of
14 NRC.

15 MR. GONECONTO: And I'm Gregory P. Goneconto
16 with the U.S. Nuclear Regulatory Commission, Office of the
17 Inspector General.

18 MS. ULLRICH: I'm Betsy Ullrich. I'm a Health
19 Physicist with the NRC Region One office.

20 MR. GLENN: And I'm John Glenn. I'm in the
21 NRC's Office of Research.

22 MR. QIAN: I'm Zhuo Qian. I'm a post-doc at
23 Massachusetts Institute of Technology lab.

24 MR. ROBINSON: And, Zhuo, as I briefly
25 explained, we are part of what is known as an Incident

1 Investigation Team, which is a team of folks that have been
2 assigned by NRC to come here and look into the incident
3 that happened with Dr. Li. Okay?

4 And the purpose of interviewing you
5 specifically is because we are looking at the various
6 associates and fellow lab workers and researchers that work
7 with Dr. Li, and to see if they can shed any light or if
8 they have any knowledge about what happened regarding that
9 incident. Okay?

10 Now, we're transcribing this interview, and the
11 reason we're doing that is so that we can keep a nice flow
12 of conversation without having to sit and take extensive
13 notes. And you, of course, if you desire, will be afforded
14 the opportunity to review the transcript of the interview,
15 and I will give you a phone number contact, if you want to.
16 It's up to you. You can make that decision, if you want
17 to. And so the record of this interview will be available
18 for review.

19 Do you have any questions before we get
20 started?

21 Just as a preliminary thing, Zhuo, could you
22 just give us a little bit of a -- like a biographical or a
23 background sketch on yourself for, say, the last 10 years?

24 MR. QIAN: Last 10 years.

25 MR. ROBINSON: Just briefly. Just briefly.

1 MR. QIAN: Well, I am from China, and I went to
2 University of Minnesota for the Ph.D. degree program.

3 MR. ROBINSON: University of Minnesota?

4 MR. QIAN: Yeah. And then got Ph.D. in 1990.
5 Then I went to Columbia, in Dr. Eric Kandel's lab, doing
6 three years' post-doc before coming here in -- end of 1992.

7 MR. ROBINSON: If I could ask you just -- just
8 a minute. If you could -- because she has these
9 microphones, if you could speak up a little bit, it might
10 be more helpful to --

11 MR. QIAN: Okay. From the beginning?

12 MR. ROBINSON: Well, no, no. You -- did you
13 get that?

14 THE COURT REPORTER: It's fine.

15 MR. ROBINSON: Yes. Okay. But pretend you're
16 talking to her rather than me.

17 (Laughter.)

18 MR. QIAN: Okay. Yes, I have been here -- it
19 will be two years by next month.

20 MR. ROBINSON: I see. Okay. Thank you.

21 Obviously, the incident in question that we are
22 talking about occurred approximately two months ago, in
23 August of this year, where on the 19th of August, which was
24 on a Saturday, okay, Dr. Li discovered that he had a high
25 degree or a certain degree of radiation on his body

1 extremity while he was working in the lab, when he was
2 doing a survey. And the reason -- you know, we are trying
3 to find out just exactly what happened to cause that.

4 We've got a list of the lab folks. You're on
5 that list, so we wanted to talk to you to see if you had
6 any knowledge. I guess I'll just ask you the open-ended
7 question, do you have any knowledge of how that might have
8 occurred to Dr. Li, or --

9 MR. QIAN: No, I have no idea.

10 MR. ROBINSON: No idea?

11 MR. QIAN: No.

12 MR. ROBINSON: Do you work with Dr. Li closely
13 in the lab at all, or what is your relationship, if any,
14 with Dr. Li?

15 MR. QIAN: I have no overlap working with him.

16 MR. ROBINSON: I see. I see. Are you a
17 personal friend of Dr. Li, or do you associate with him?

18 MR. QIAN: I wouldn't say he's a friend, but I
19 don't interact with him much.

20 MR. ROBINSON: You don't interact with him
21 much?

22 MR. QIAN: Yes.

23 MR. ROBINSON: I see. I see. What type of
24 research are you doing in the lab?

25 MR. QIAN: I'm -- like everyone else is doing

1 in the lab, try to do the genetic studies on the mice, to
2 study the behavior.

3 MR. ROBINSON: The behavior of --

4 MR. QIAN: Of the genetic mutations in the
5 mice.

6 MR. ROBINSON: Okay.

7 MR. QIAN: The consequences of the mutations,
8 yeah.

9 MR. ROBINSON: And as applied to cancer
10 research, obviously?

11 MR. QIAN: No.

12 MR. ROBINSON: No?

13 MR. QIAN: I'm focused on the learning and
14 memory.

15 MR. ROBINSON: Oh.

16 MR. QIAN: The neuroscience --

17 MR. ROBINSON: I see.

18 MR. QIAN: -- aspect.

19 MR. ROBINSON: I see.

20 MR. QIAN: How the brain works.

21 MR. ROBINSON: Oh. Oh. Do you know if -- have
22 you observed Dr. Li in any altercations or arguments with
23 anyone in the lab around that time, around the August time,
24 or just before then that may be significant?

25 MR. QIAN: I don't remember. But I know he

1 always confront with the people.

2 MR. ROBINSON: Is he?

3 MR. QIAN: Yeah. But I don't remember any
4 specific case around that time or --

5 MR. ROBINSON: Is he difficult to get along
6 with in the lab, or is --

7 MR. QIAN: Yeah. I would say so, yeah.

8 MR. ROBINSON: Why?

9 MR. QIAN: Why? Let me see -- basically, he --
10 I would say he is kind of a strange guy --

11 MR. ROBINSON: What do you --

12 MR. QIAN: -- to deal with.

13 MR. ROBINSON: What do you mean by that?

14 MR. QIAN: Sometimes, you know, based on my
15 limited interaction with him, I would find him -- the way
16 he is thinking is different from most of the people.

17 MR. ROBINSON: In what way?

18 MR. QIAN: Like when I first come to the lab
19 two years ago, he would -- he talked to me. He said, "If
20 you're doing your experiment using the tubes or the flasks,
21 you don't want to write your name on it, or what you're
22 doing." I said, "Why?" He said, "Someone might add
23 something to it to screw you up." I feel it very strange,
24 because when I first come here, I come from a very famous
25 big lab, and I know -- and this is also famous in a way.

1 But this is my first experience with such conversation.

2 MR. ROBINSON: And this happened two -- when
3 you first came here, two years ago?

4 MR. QIAN: Yeah. So it struck me -- you know,
5 I remember. I say, well, Jesus.

6 MR. ROBINSON: Yeah.

7 MR. QIAN: But --

8 MR. ROBINSON: And let me ask, was that your
9 first interaction with him, basically?

10 MR. QIAN: Yeah. This is what I remember. It
11 struck me most.

12 MR. ROBINSON: Yeah. That the first thing he
13 is doing is warning you that someone might add something to
14 your --

15 MR. QIAN: Yeah, deliberate, like to screw it
16 up. So that's I find -- in this case, you know, I find
17 this -- it's a little bit paranoid.

18 MR. ROBINSON: Yeah. Did he appear to remain
19 that way? I mean, is he still that way?

20 MR. QIAN: Yeah, I think he didn't change much.

21 MR. ROBINSON: And has he had difficult
22 interactions with other members of the lab that you can
23 think of specifically?

24 MR. QIAN: Not specifically. I think he had
25 quarrels with almost everyone, I would say.

1 MR. ROBINSON: Oh, yeah?

2 MR. QIAN: Yeah. Little things, you know,
3 nothing major. But it's like sharing things, like that.

4 MR. ROBINSON: Oh?

5 MR. QIAN: Yeah.

6 MR. ROBINSON: Oh, yeah. I imagine you have to
7 share the equipment and --

8 MR. QIAN: Yeah, some sharing and some
9 collaboration -- you know, that sort of stuff.

10 MR. ROBINSON: And he didn't want to do that?

11 MR. QIAN: He -- yeah, I guess.

12 MR. ROBINSON: You think it was kind of a
13 professional jealousy thing? He just wanted to keep his
14 research to himself? Or why do you think he was doing
15 that?

16 MR. QIAN: That's -- I don't know. I think
17 maybe he is -- he is aggressive definitely, but I don't
18 know why he did that. It's the same thing as why he'd tell
19 me that after the --

20 MR. ROBINSON: Yeah. Yeah. So I understand
21 from what you say you don't -- you would kind of classify
22 his relationship with the rest of the lab as being a little
23 tense.

24 MR. QIAN: Yeah. I would say he is not the one
25 everybody would like.

1 MR. ROBINSON: Okay. And are there any
2 particular members of the lab that really dislike him?

3 MR. QIAN: Probably no.

4 MR. ROBINSON: Everybody kind of looks at him
5 the same way then?

6 MR. QIAN: Not the same way look at him.

7 MR. ROBINSON: Yeah. How many computers are
8 used in the lab over there? Is there kind of one computer
9 that --

10 MR. QIAN: We have a computer room where there
11 are three computers there.

12 MR. ROBINSON: Can any research assistant get
13 on any of those three computers?

14 MR. QIAN: Yeah.

15 MR. ROBINSON: Do you each have individual
16 passwords or --

17 MR. QIAN: Basically, you can apply through the
18 MIT -- some office -- to get your own account. And then
19 you can create your own password.

20 MR. ROBINSON: Do you have to do that to use
21 the computer?

22 MR. QIAN: No. Well, if you don't want to get
23 onto the Internet, that kind of stuff, you don't have to go
24 there. If you just type letters, if --

25 MR. ROBINSON: Are there any like research

1 programs or tables, the use of tables, and formulas? Is it
2 primarily used just for writing letters or --

3 MR. QIAN: To calculate datas.

4 MR. ROBINSON: Okay.

5 MR. QIAN: Like tables and figures. Those you
6 can just go in anytime to use it. You don't need -- only
7 when you're going out, like E-mail, that kind of thing, you
8 need a password to get you into your own account.

9 MR. ROBINSON: Do you have a password?

10 MR. QIAN: Yeah. I haven't used it for a long
11 time. I don't remember my password.

12 (Laughter.)

13 MR. ROBINSON: Yeah, I have a problem with that
14 with my computer every --

15 MR. QIAN: I remember -- I put a long name, but
16 I don't remember. I don't even know this -- my account
17 number even.

18 MR. ROBINSON: If you wanted to save some data
19 on the computer, would you put it on the hard disk of the
20 computer, or save it on a small floppy disk?

21 MR. QIAN: Usually, I put it on my own disk,
22 because that's where I can easily find it. I don't like to
23 put it on the -- like the common hardware, because
24 sometimes information will overflow, and then someone --

25 MR. ROBINSON: You lose it?

1 MR. QIAN: You know, delete and --

2 MR. ROBINSON: When the hard drive becomes
3 full, do you have to consciously delete information, or is
4 it automatically deleted?

5 MR. QIAN: Well, I never delete anything.

6 MR. ROBINSON: Oh, okay.

7 MR. QIAN: I don't use the computer very much,
8 so --

9 MR. ROBINSON: I see.

10 MR. QIAN: I haven't got to that stage yet, you
11 know.

12 (Laughter.)

13 I have to get the data first. Then I can list
14 it on the computer.

15 MR. ROBINSON: Okay. So, but if somebody put
16 something on the hard drive, any of the research assistants
17 could call it up, basically, right?

18 MR. QIAN: Yeah, I guess. Yeah.

19 MR. ROBINSON: If they knew the name of that
20 file.

21 MR. QIAN: Yeah.

22 MR. ROBINSON: Okay. But you've never deleted
23 anything on the computer, other than your own work?

24 MR. QIAN: No.

25 MR. ROBINSON: Okay. Do you use it primarily

1 for just writing letters, or what do you use it for?

2 MR. QIAN: So far, yeah, I've just used it for
3 writing letters.

4 MR. ROBINSON: Okay. Have you yourself ever
5 gotten into any kind of a serious confrontation or argument
6 with Dr. Li?

7 MR. QIAN: Yeah, I had a confrontation with
8 him.

9 MR. ROBINSON: Could you elaborate on that for
10 us a little bit?

11 MR. QIAN: It was over about sharing some
12 reagent.

13 MR. ROBINSON: Some reagents?

14 MR. QIAN: Yes.

15 MR. ROBINSON: When was this?

16 MR. QIAN: That's quite a long time ago.

17 MR. ROBINSON: A year ago?

18 MR. QIAN: Yeah. Well, the one incident is
19 like a year ago, maybe like a year and a half. I know that
20 -- like a half a year ago, something like that.

21 MR. ROBINSON: Both of them about reagents, or
22 is there --

23 MR. QIAN: Yeah, one is about the plasma -- you
24 know, the reagent. Another is about -- well, the second
25 one is not a confrontation. Just I didn't want to deal

1 with him. I go into Susumu Tonegawa --

2 MR. ROBINSON: Oh, okay.

3 MR. QIAN: -- our boss directly to -- so it was
4 not much direct contact.

5 MR. ROBINSON: But that one wasn't about
6 reagents?

7 MR. QIAN: That one is about sharing some mice.

8 MR. ROBINSON: Oh, okay.

9 MR. QIAN: But I didn't go there to confront
10 him, because I know what would happen. Probably he would
11 say no, so I went to the boss directly to ask.

12 MR. ROBINSON: Oh. So you didn't even get into
13 an argument with him about --

14 MR. QIAN: No. No, the second time, no,
15 because I don't want arguments. I just want -- again,
16 it's --

17 MR. ROBINSON: What happened with the reagent
18 incident? What was that about?

19 MR. QIAN: That is a complicated story, I would
20 say.

21 MR. ROBINSON: Well, can you briefly describe
22 it to me, if you would?

23 MR. QIAN: That's a thing -- that's a reagent I
24 brought from Columbia.

25 MR. ROBINSON: Okay.

1 MR. QIAN: And the problem is it was not
2 distributed to any other scientists. And also, promising
3 that is a collaboration with my former boss at Columbia.
4 So when I arrived here, he wanted.

5 MR. ROBINSON: To use some of it? He wanted to
6 use some of the reagent?

7 MR. QIAN: Yeah, he wanted to use some of it.
8 Yes. And I told him he should contact my previous boss to
9 solve this thing. I cannot give out, because I promise
10 this is very important reagent.

11 MR. ROBINSON: Do you know what --

12 MR. QIAN: He didn't -- I don't think he
13 contacted my former boss. He went to Susumu, and Susumu
14 told me to give them out. And --

15 MR. ROBINSON: Told you to do what?

16 MR. QIAN: To give out --

17 MR. ROBINSON: To give him some reagent?

18 MR. QIAN: Give some, and I explained to
19 Susumu, I said, "You are putting me into a very difficult
20 position, you know." Put me between a rock and a hard
21 place. But I give it out anyway.

22 MR. ROBINSON: What did he want to use the
23 reagent for, do you know?

24 MR. QIAN: Well, he told me one thing, but he
25 told Susumu another.

1 MR. ROBINSON: Oh. What did he tell you?

2 MR. QIAN: He said he want to rescue mice, you
3 know.

4 MR. ROBINSON: So it was being used with the
5 mice, too?

6 MR. QIAN: Yeah, yeah, to do with transgenic
7 work. So he wanted to rescue mice which is dying in the
8 lab, and then he went to Susumu to say something different.

9 MR. ROBINSON: Do you know what he told Susumu
10 he wanted to use it for?

11 MR. QIAN: I don't remember, but it's not the
12 same thing he told me, because that's where I found out,
13 during the conversation with Susumu.

14 MR. ROBINSON: And so, eventually, Susumu tells
15 you to share it with him.

16 MR. QIAN: Yeah, I give to Dennis.

17 MR. ROBINSON: Okay.

18 MR. QIAN: The lab manager. I told him this on
19 the condition, this -- Susumu and I have both -- must have
20 the authority over this reagent. I control my half end,
21 and he control his half.

22 MR. ROBINSON: Oh.

23 MR. QIAN: So that's the agreement. I give
24 half to him. You know, that's -- Dennis, as representative
25 of the boss. So I tried to stay out of this trouble.

1 MR. ROBINSON: So your associate at Columbia,
2 this was all right with your associate at Columbia? That
3 you had promised not to --

4 MR. QIAN: Well, yeah, because -- I think so,
5 because, you know, I keep my promise.

6 MR. ROBINSON: Okay. Okay.

7 MR. QIAN: I can't fight with my current boss
8 to --

9 MR. ROBINSON: So that was about a year and a
10 half ago.

11 MR. QIAN: Yeah, this is when I first arrived,
12 like three months or something like that.

13 MR. ROBINSON: And then --

14 MR. QIAN: That's when I bring the stuff here.

15 MR. ROBINSON: Yeah. And then the thing six
16 months ago or a half a year ago with the mice, you didn't
17 want to deal with him with, what was the issue with the
18 mice?

19 MR. QIAN: He has mice which has been
20 published.

21 MR. ROBINSON: Okay.

22 MR. QIAN: So, in that case, he should be
23 readily available to all of the scientists -- scientific
24 community to use -- to share that.

25 MR. ROBINSON: Okay.

1 MR. QIAN: And I think -- at that time, I was
2 planning some experiment, maybe you can cross his mice with
3 my mice to study some addition of things. So that's why I
4 proposed to Susumu.

5 MR. ROBINSON: And he didn't --

6 MR. QIAN: He didn't want -- he wanted to have
7 all of the authorship from -- all of the publication in the
8 future.

9 MR. ROBINSON: Oh.

10 MR. QIAN: You know, and I -- you know --

11 MR. ROBINSON: So then you went to Susumu, or
12 you went to Susumu right away?

13 MR. QIAN: I went to Susumu first.

14 MR. ROBINSON: Oh.

15 MR. QIAN: Before I engaged in any
16 conversation.

17 MR. ROBINSON: Before you even asked him if you
18 could use some of his mice?

19 MR. QIAN: Right.

20 MR. ROBINSON: And what did Susumu do?

21 MR. QIAN: And Susumu -- well, he doesn't care.

22 MR. ROBINSON: He didn't make a decision for
23 you? Did he leave you --

24 MR. QIAN: So far, he still haven't made
25 decision.

1 MR. ROBINSON: Oh. Oh, it's still up in the
2 air?

3 MR. QIAN: So it's up in the air, you know, and
4 I just don't want to bother him because he's leaving.
5 After he leaves, I can have the mice.

6 MR. ROBINSON: He being Mr. Li. Yeah, Dr. Li
7 is leaving, right?

8 MR. QIAN: Yeah. He being -- yeah.

9 MR. ROBINSON: And so when he leaves, the mice
10 are going to stay here?

11 MR. QIAN: Oh, yeah, because this is -- belong
12 to the lab, and it's not -- it's belonging -- right now, he
13 -- because he generate it, he has a responsibility to take
14 care of those mice. After he leaves, someone else would
15 take care of the mice. It's a tradition in the lab.

16 MR. ROBINSON: Did Dr. Li say anything to you
17 about going to Susumu about it? Was he aware that you went
18 to Susumu about it?

19 MR. QIAN: Yeah.

20 MR. ROBINSON: He knew that you did?

21 MR. QIAN: Yeah.

22 MR. ROBINSON: Okay. And, I mean, did he --
23 Dr. Li get angry at you for doing that? Did he get angry
24 -- mad at you for --

25 MR. QIAN: No, I don't think so. He just

1 insist on what to order.

2 MR. ROBINSON: And he never shared his mice?

3 MR. QIAN: He never shared mice.

4 MR. ROBINSON: Okay. Okay. Are there any
5 other issues or problems between you and Dr. Li? No?
6 Okay.

7 You just kind of -- it sounds like you just
8 kind of stay away from him.

9 MR. QIAN: Yeah. Well, I know he's a strange
10 guy, so I don't want to get particularly interested.

11 MR. ROBINSON: Yeah. Is there anything else
12 you mean by "strange," other than him warning you, or being
13 paranoid, or thinking about ruining experiments? Is there
14 any other thing that you think is strange?

15 MR. QIAN: Well, I mean, I heard other people
16 saying, like another post-doc, Dong Feng Chen, in the lab,
17 he -- she -- one day her experiment didn't work.

18 MR. ROBINSON: Yeah?

19 MR. QIAN: And she asked Li's comment, and his
20 comment is someone sabotaged your experiment.

21 MR. ROBINSON: Oh, yeah?

22 MR. QIAN: I mean, so this is --

23 MR. ROBINSON: He seems to be --

24 MR. QIAN: Yeah, he --

25 MR. ROBINSON: -- thinking about that.

1 MR. QIAN: He always thinking in that
2 direction. You know, that's his common -- it must be
3 something -- maybe it's early childhood or something,
4 because, you know, he is --

5 MR. ROBINSON: Who was the person he was
6 dealing with again? Who?

7 MR. QIAN: Dong Feng? Dong Feng Chen.

8 MR. ROBINSON: Oh. Oh, okay. Yeah. Spelling,
9 D-O-N-G, capital F-E-N-G, capital C-H-E-N. And so Dong
10 Feng had a failed experiment and asked Dr. Li about it and
11 his first comment was, "Well, somebody probably sabotaged
12 it."

13 MR. QIAN: Yes.

14 MR. ROBINSON: That's a real clinical -- not a
15 real clinical opinion, you know?

16 MR. QIAN: Well, I mean, nobody would -- could
17 have such a thing first. There are so many things that
18 would make experiment not work.

19 MR. ROBINSON: Yeah.

20 MR. QIAN: If everything worked so fast, you
21 know, I would be -- had the job and be full professor
22 somewhere else.

23 (Laughter.)

24 MR. ROBINSON: Yeah. Yeah. Okay. Do any of
25 you have any questions?

1 MR. GONECONTO: You're a little nervous here
2 today, aren't you?

3 MR. QIAN: Yeah, I am a bit, you know, with
4 this kind of setting.

5 MR. GONECONTO: But what makes you so nervous?

6 MR. QIAN: Well, I'm not really nervous.

7 MR. GONECONTO: Okay. Were you involved at all
8 in giving any of this P-32 to Dr. Li?

9 MR. QIAN: No.

10 MR. GONECONTO: No? Okay. If someone did
11 something like this to Dr. Li, why do you think they would
12 do something like that?

13 MR. QIAN: I don't know. I have no idea how
14 that got to him. I think it's a very strange thing.

15 MR. GONECONTO: Why wouldn't you do something
16 like that? Why wouldn't you poison Dr. Li?

17 MR. QIAN: Why wouldn't you poison -- I mean,
18 this is a very weird question.

19 MR. GONECONTO: I'm just asking hypothetically.

20 MR. QIAN: There is no need for me to do such a
21 thing.

22 MR. GONECONTO: Okay. Do you know of anyone in
23 the lab that Dr. Li is closest with? Like who is his best
24 friend in the lab?

25 MR. QIAN: I don't know. I'm not aware his

1 best friend.

2 MR. GONECONTO: Does he have any friends?

3 MR. QIAN: I don't know. Probably on the
4 surface maybe a couple, but that's probably it.

5 MR. GONECONTO: Do you know if Dr. Li is having
6 any personal problems?

7 MR. QIAN: I'm not aware of that. I don't
8 interact with him very much, so I don't know the personal
9 problems.

10 MR. GONECONTO: I mean, say like over the last
11 six months, was he acting any differently than he had
12 before you had known him?

13 MR. QIAN: No.

14 MR. GONECONTO: Has he always been the same?

15 MR. QIAN: Yeah, I think it's the same.

16 MR. GONECONTO: I don't have any other
17 questions.

18 MS. ULLRICH: Well, I'm going to take a
19 different tactic. Let's talk a little bit about radiation
20 safety in the laboratory.

21 In general, what kind of precautions do people
22 take when they're working with P-32 in your laboratory?

23 MR. QIAN: Well, I can speak for myself.

24 MS. ULLRICH: Okay.

25 MR. QIAN: You know, I wear gloves and a lab

1 coat and a badge, work behind a shield.

2 MS. ULLRICH: Okay. Do most of the people that
3 you observe in the laboratory do those sorts of things?

4 MR. QIAN: Yeah, I think so.

5 MS. ULLRICH: You think so? Do you have any
6 common contamination kinds of problems in the laboratory?
7 How --

8 MR. QIAN: Well, you know, the MIT Radiation
9 Office come regularly to check up. I don't think there is
10 any problem.

11 MS. ULLRICH: Okay.

12 MR. QIAN: Otherwise, they would have been
13 tipped off.

14 MS. ULLRICH: Okay. Were you ever able to
15 observe Dr. Li work with radioactive materials?

16 MR. QIAN: No. He's in a different room.

17 MS. ULLRICH: Okay.

18 MR. QIAN: I don't know.

19 MS. ULLRICH: Okay. How about things like
20 eating and drinking in the laboratory?

21 MR. QIAN: Usually, I don't think anyone drinks
22 or --

23 MS. ULLRICH: Okay.

24 MR. QIAN: I don't know. I can only speak for
25 myself. I don't --

1 MS. ULLRICH: Sure.

2 MR. QIAN: -- drink and --

3 MS. ULLRICH: But would you notice if somebody
4 was eating a sandwich at their lab desk or their coffee cup
5 in the morning?

6 MR. QIAN: I haven't seen --

7 MS. ULLRICH: You haven't seen that?

8 MR. QIAN: I haven't seen that.

9 MS. ULLRICH: Okay. Is there a room where
10 people can go to eat?

11 MR. QIAN: Hm?

12 MS. ULLRICH: Is there a room where people can
13 go to eat, so that they aren't -- don't have to eat in the
14 laboratory?

15 MR. QIAN: No, we eat in the conference room.

16 MS. ULLRICH: Okay. Okay.

17 MR. QIAN: We don't --

18 MS. ULLRICH: All right. Is anybody using
19 mouth pipetting at all for any procedure?

20 MR. QIAN: I don't use. I don't know.

21 MS. ULLRICH: Okay. I mean, not necessarily
22 for P-32 work, but --

23 MR. QIAN: Because our lab has different rooms.

24 MS. ULLRICH: Okay.

25 MR. QIAN: So I can speak for the people within

1 our room where I have most encounter experiment. I don't
2 think anyone in my room do any mouth pipetting.

3 MS. ULLRICH: Okay. After the 19th when Dr. Li
4 realized that he was contaminated, what kind of actions did
5 the Radiation Protection Office take?

6 MR. QIAN: They come and check everyone's urine
7 sample.

8 MS. ULLRICH: Okay.

9 MR. QIAN: And they had a meeting with us, and
10 afterwards they restricted our use of isotope.

11 MS. ULLRICH: Okay. About how long after the
12 contamination did they restrict your use? Was it, you
13 know, a couple of days or a couple of weeks after?

14 MR. QIAN: After that thing?

15 MS. ULLRICH: Yeah, after he identified that he
16 was contaminated.

17 MR. QIAN: Probably right away. I don't
18 remember exactly.

19 MS. ULLRICH: Okay.

20 MR. QIAN: Like for two weeks at least. Yeah,
21 two weeks, something like that.

22 MS. ULLRICH: So a couple of days after the
23 contamination was identified, they restricted your use and
24 that restriction was in place for a few weeks? Is that
25 what you're --

1 MR. QIAN: Yes.

2 MS. ULLRICH: Am I correct?

3 MR. QIAN: Yeah. Yeah. I don't remember very
4 much about that.

5 MS. ULLRICH: Okay. As far as the use of
6 radioactive materials in your laboratory, how has your
7 access to materials changed?

8 MR. QIAN: Since then, only one or two -- maybe
9 two or three people are allowed to have a key --

10 MS. ULLRICH: Okay.

11 MR. QIAN: -- to that storage box. And if
12 everyone wants -- if someone wants to use it, they have to
13 ask of that person to get it.

14 MS. ULLRICH: Okay. Do you think it's likely
15 that, you know, anybody else could get access to the
16 material?

17 MR. QIAN: Well, except for the --

18 MS. ULLRICH: Except for the keyholders.

19 MR. QIAN: -- who have the key, yeah. Yeah.

20 MS. ULLRICH: How about as far as access of the
21 lab to people who aren't laboratory workers? Do you see a
22 lot of strangers coming through your work area?

23 MR. QIAN: Yeah. There's people coming
24 through.

25 MS. ULLRICH: Okay.

1 MR. ROBINSON: People that you don't recognize,
2 that are strange to you, that are not researchers?

3 MR. QIAN: Most people out -- because, you
4 know, I am working in the field of neuroscience, and other
5 parts of the lab are working in immunology. So we interact
6 with a different kind of people. And in my room, there are
7 several equipment probably being used -- I think being used
8 by lots of immunologists, or the people from other labs.
9 So they always come in -- those, and some I recognize faces
10 but some I don't.

11 MS. ULLRICH: Okay. Do you recall seeing
12 anybody who you didn't recognize at all or who acted
13 strangely in August at all? It's a long time ago, but --

14 MR. QIAN: Yeah, I don't remember.

15 MS. ULLRICH: Okay. Are you one of the persons
16 who normally would be working weekends as well as during
17 the week?

18 MR. QIAN: Yeah. I come weekends sometimes,
19 yes.

20 MS. ULLRICH: Okay.

21 MR. QIAN: Actually, I kind of come in the
22 morning and try to leave early, so I can stay with the
23 children on the weekend.

24 MS. ULLRICH: Okay. Okay. There is something
25 else I wanted to ask you.

1 MR. ROBINSON: Do you keep any kind of a diary
2 or a record of when you come in on weekends and -- in your
3 notebook or --

4 MR. QIAN: Well, I keep my notebook, but it's
5 not like when I come in or when I check out. It's about
6 what experiments I did. So if sometime -- sometimes I
7 don't keep a record. Sometimes I do. You know, because if
8 the experiment worked, you want to record all of the
9 detail. And sometimes the experiment doesn't work. You
10 keep trying so many times. It still doesn't work, and
11 maybe you -- you just didn't write down all of the failures
12 in your notebook.

13 MR. ROBINSON: Sure. Sure. But if you were to
14 go back to that notebook, you might be able to tell if you
15 had come in? Usually -- do you ever come in on Sunday?

16 MR. QIAN: Saturday or Sunday.

17 MR. ROBINSON: Or Sunday, either one. So if
18 you were in on -- during the week of August 12th through
19 19th, your notebook might say something about that?

20 MR. QIAN: Yeah, my notebook said like the
21 previous week I did some Labor Day.

22 MR. ROBINSON: Oh. So you went through your
23 notebook. I guess Dr. King -- wasn't he asking folks to go
24 through their notebooks around that period of time?

25 MR. QIAN: Yeah, probably want to know what you

1 did around that time.

2 MR. ROBINSON: Yeah. So you remember looking
3 that up?

4 MR. QIAN: No, I just -- I just looked at what
5 I did today.

6 MR. ROBINSON: Oh. Just before you came over
7 here?

8 MR. QIAN: Yesterday.

9 MR. ROBINSON: Oh, okay. And what do you --
10 from that review, were you in on Sunday, say, August 13th?

11 MR. QIAN: Sunday? From -- well, my notebook
12 didn't say, but on the computer I developed a film in the
13 morning.

14 MR. ROBINSON: I see. Okay.

15 MR. QIAN: Yeah. So --

16 MR. ROBINSON: So you were in on the 13th?

17 MR. QIAN: Yeah, I came in on the 13th.

18 MR. ROBINSON: And then, during the week, are
19 you pretty routinely in every day, Monday through Friday?

20 MR. QIAN: I am routinely in Monday through
21 Sunday.

22 (Laughter.)

23 MR. ROBINSON: Every day.

24 MR. QIAN: Yeah. Because that period of time I
25 was doing ES culture expansion, which requires almost like

1 24 hours attention. So you have to check the reading every
2 12 hours. So that time I have to come.

3 MR. ROBINSON: Does any of that require the use
4 of P-32?

5 MR. QIAN: Culture itself does not.

6 MR. ROBINSON: For any other reason, were you
7 using P-32 during that period?

8 MR. QIAN: Yeah. Well, I labeled my probe for
9 the Southern blots.

10 MR. ROBINSON: Okay.

11 MR. QIAN: Because -- to identify the type of
12 ES --

13 MR. ROBINSON: You labeled your probe for the
14 -- I'm sorry -- what?

15 MR. QIAN: For the DNA analysis.

16 MR. ROBINSON: Okay.

17 MS. ULLRICH: He called it a Southern blot.

18 MR. ROBINSON: Southern blot?

19 MS. ULLRICH: Yes.

20 MR. ROBINSON: Okay. All right. I'm sorry.
21 Interrupted your line a little bit.

22 MS. ULLRICH: Yeah. I've got two other
23 questions. I know that the laboratory was asked, during
24 the shutdown period, to try to assess how much radioactive
25 material had been used during the previous few weeks.

1 MR. QIAN: Yeah, yeah, yeah. Actually, that
2 reminds me. That's where everybody have to go back to the
3 notebook to find out, you know, what you did during that
4 week. And that's when I found out I did like one or two
5 experiments.

6 MS. ULLRICH: Okay.

7 MR. QIAN: The previous week.

8 MS. ULLRICH: Okay. How did you estimate how
9 much radioactive material you used?

10 MR. QIAN: As a habit, like usually you either
11 use five lambda or 10 lambda.

12 MS. ULLRICH: Okay.

13 MR. QIAN: So if you do one label, that's a
14 month. If you do two, then that's twice --

15 MS. ULLRICH: Okay. I see. And you spoke a
16 minute ago, you said you had used the computer to develop a
17 film.

18 MR. QIAN: Yeah, yeah.

19 MS. ULLRICH: Is that one of the computers you
20 were talking about before in the computer room? Or is that
21 a --

22 MR. QIAN: That is one computer people -- the
23 computer solely dedicated to develop films.

24 MS. ULLRICH: Okay.

25 MR. QIAN: Nothing to do with typing or --

1 MS. ULLRICH: Is that --
2 MR. QIAN: -- products entry.
3 MS. ULLRICH: So it's dedicated to that film
4 function?
5 MR. QIAN: Yeah.
6 MS. ULLRICH: Has that also got the same kind
7 of safeguards on it, or can you back up your films on a
8 disk? Or is that -- everything stored there?
9 MR. QIAN: Well, so far, I always store my
10 stuff there. They are supposed to put on the hard -- the
11 different disk. So --
12 MS. ULLRICH: Okay. And can anybody look at
13 your films?
14 MR. QIAN: Yeah.
15 MS. ULLRICH: Okay. So everything that's on
16 there is accessible to --
17 MR. QIAN: Everyone can look at everyone else's
18 film.
19 MS. ULLRICH: Okay. Is that in place of like a
20 regular X-ray kind of film? It stores it in the computer
21 rather than as a --
22 MR. QIAN: Yeah, it's a fast imaging machine.
23 MS. ULLRICH: Okay.
24 MR. QIAN: Where you doing Southern blot, let's
25 say. To develop the film regularly takes like days, and

1 this is one hour or two hours, so --

2 MS. ULLRICH: Okay.

3 MR. QIAN: But for the weak signal, you have to
4 develop overnight or two to get --

5 MS. ULLRICH: Okay.

6 MR. QIAN: -- intensity.

7 MR. ROBINSON: Have you ever deleted any images
8 from that computer?

9 MR. QIAN: Yes.

10 MR. ROBINSON: You have?

11 MR. QIAN: Because sometimes you have to, you
12 know, you only can store 30 images, and we have 25 people
13 or 30 people. And it's impossible to -- not to do so.

14 MR. ROBINSON: If you were afraid that somebody
15 else might delete one of your images, how would you protect
16 it?

17 MR. QIAN: We have a printer you can print out
18 right away, so if someone deleted it it's no problem. You
19 have it on your film.

20 MR. ROBINSON: Okay. So other than printing it
21 out, you couldn't protect it in the computer itself?

22 MR. QIAN: You could just store on the disk or
23 something.

24 MR. ROBINSON: On a removable disk?

25 MR. QIAN: Yeah. I never was able to learn how

1 to do that yet, because I haven't generated that kind of
2 data yet.

3 MR. ROBINSON: Oh, okay.

4 MS. ULLRICH: Still working on the cultures,
5 huh?

6 MR. QIAN: Well, I'm working on everything,
7 but --

8 MS. ULLRICH: Yeah, okay. I don't have any
9 additional questions at this point.

10 MR. GLENN: I have just a few questions. One,
11 I'm interested in, you know, how the Radiation Protection
12 Office does their job. When you came to MIT, what kind of
13 training did they provide for you in radiation safety?

14 MR. QIAN: We had to go through several hours
15 training, and then take an exam, and then they issued a
16 badge.

17 MR. GLENN: Okay. Well, what kinds of things
18 did they discuss in the training?

19 MR. QIAN: Some basic knowledge in the basic
20 regulations, rules, the way you handle the isotopes. It's
21 almost the same at all of the universities. Slightly
22 different maybe.

23 MR. GLENN: Well, do they give you a manual as
24 part of that, a guidebook or whatever to -- what the rules
25 are at MIT?

1 MR. QIAN: Yeah, I think they gave us some kind
2 of brochures.

3 MR. GLENN: And do they, as part of this
4 training, talk about techniques for avoiding contamination?
5 Things of that nature?

6 MR. QIAN: Yeah. Yeah. Like wear gloves, that
7 kind of thing, or try to --

8 MR. GLENN: What about things like how to
9 handle the vials and use the pipette? Do they teach you
10 that, or is that something your own laboratory -- is that
11 something you come with the knowledge already how to do?

12 MR. QIAN: I don't remember specifically what
13 they say, like a last -- you know, that four hour kind of
14 things, because it's a long time ago. But, you know, I
15 have been working with isotopes for maybe six, seven, eight
16 years. I think they might say about mouth pipette, that
17 kind of thing.

18 MR. GLENN: What are the rules, as far as being
19 able to account for the material? Is it pretty everybody
20 comes and takes what they need, or are there some strict
21 sign-in/sign-out procedures?

22 MR. QIAN: We take the amount that you're going
23 to use for your experiment -- well, you take -- they are
24 1,000 microcuries, and then you take out whatever the
25 amount that you want to use, and then, at the end of the

1 experiment, when you dispose of them you have to write down
2 how much you dispose there.

3 MR. GLENN: The data you have to write down
4 when you take it out, or is it just only when you dispose
5 of it?

6 MR. QIAN: No, we -- we didn't write down what
7 you have to take out.

8 MR. GLENN: And physically, how big are these
9 vials that have the 1,000 microcuries? Are they --

10 MR. QIAN: 1,000 is like 100 lambda, which is
11 very small.

12 MR. GLENN: Yeah.

13 MR. QIAN: A couple of droplets or something
14 like that.

15 MR. GLENN: Would it be possible to mouth
16 pipette this material, or is it too small?

17 MR. QIAN: I would not mouth pipette, you know,
18 no. I never mouth pipette anything.

19 MR. GLENN: Is there any mouth pipetting that
20 you're aware of that goes on at all that, you know, for --
21 maybe not with radioactive materials but with other
22 materials?

23 MR. QIAN: Well, I don't have a habit of doing
24 that.

25 MR. GLENN: Yeah. But have you seen anybody

1 else? I guess that would be the question.

2 MR. QIAN: Yeah, occasionally, I do see it.

3 MR. GLENN: Do you know whether it was with
4 radioactive materials or not with radioactive materials?

5 MR. QIAN: Probably not with the isotopes, I
6 guess.

7 MR. GLENN: But you don't know for sure.

8 MR. QIAN: I don't know. I don't know.

9 MS. ULLRICH: What kind of volumes would people
10 mouth pipette? Would they -- you're talking lambda. Is
11 that the kind of quantities that --

12 MR. QIAN: I would not, but I don't know.

13 MS. ULLRICH: Okay.

14 MR. GLENN: But on those occasions where you've
15 seen it, could you tell whether they were working with
16 large volumes, or could it have been --

17 MR. QIAN: Occasionally, now -- maybe once or
18 twice. I don't know where, maybe here or at Columbia.
19 Usually, I think big volume, big volume.

20 MR. GLENN: Can you remember anybody in
21 particular that you might have seen here mouth pipetting?

22 MR. QIAN: No.

23 MR. GLENN: You've never seen Dr. Li mouth
24 pipetting? You know, we're trying to figure out how this
25 could have happened.

1 MR. QIAN: The thing is, you know, because are
2 not in the same room as --

3 MR. GLENN: Yeah.

4 MR. QIAN: And his bench and my bench is way
5 apart, and so I don't know where he do experiment, you
6 know, when he do it.

7 MR. GLENN: Yeah. I'm sorry.

8 MR. ROBINSON: Okay. Have you --

9 MR. GLENN: I guess I was trying to find a --
10 but in terms of before the incident, anybody I guess could
11 go to these vials and get the material, put the small vial
12 back, and then go to their own work area. There was no --
13 now there are three people or four people that have a key,
14 but it wasn't that way before.

15 MR. QIAN: Previously, no. Previously,
16 anyone --

17 MR. GLENN: Right.

18 MR. QIAN: -- people outside the laboratory can
19 come in. Sometimes they do. They borrow.

20 MR. GLENN: So you've even had occasions where
21 somebody who doesn't even work for -- with Dr. Tonegawa
22 would maybe come in and use some of your laboratory's
23 material?

24 MR. QIAN: Yeah, yeah, yeah.

25 MR. GLENN: Okay. And that really wasn't

1 anything that alarmed you or other people who were working
2 in the lab?

3 MR. QIAN: Well, the fridge where we store the
4 isotope is not in our room, so sometimes I see people from
5 other laboratory come in to -- they ask, so sometimes, you
6 know --

7 MR. GLENN: So they would ask --

8 MR. QIAN: Well, I was asked once. That's how
9 I know. But I assume, you know --

10 MR. GLENN: Who can approve someone other than
11 someone who is a member of the lab using material?

12 MR. QIAN: Who would approve?

13 MR. GLENN: Yeah. I --

14 MR. QIAN: Well, if -- anyone -- they can come
15 in, because we don't have a -- we don't lock the lab.
16 Basically, 24 hours, it's -- anyone -- if they know where
17 we store the isotope, they want to use it, they can come to
18 take it.

19 MR. GLENN: Do you know, in terms of the way
20 the university controls isotopes, is there a permit issued
21 to Dr. Tonegawa or -- and he says how much isotope he can
22 have. Do you know whether that's --

23 MR. QIAN: No, I'm not -- I don't know. I
24 don't know.

25 MR. GLENN: Okay. I was just wondering whether

1 it would be a problem going from one lab to another that --
2 that they would have to transfer it from one director to
3 another director.

4 MR. QIAN: Yeah, I don't know. Maybe there is
5 some -- it's not my concern.

6 MR. GLENN: In terms of security, I guess when
7 we took a tour through the lab the other day, it looks like
8 it would be very hard to lock up the areas and control the
9 entrance.

10 MR. QIAN: Yeah, we have --

11 MR. GLENN: Is that true, that it's hard to do
12 that?

13 MR. QIAN: Yeah. We have like three doors
14 being used frequently on both sides.

15 MR. GLENN: So people have to walk through your
16 area, work area, in order to get to another area, so there
17 are constantly people --

18 MR. QIAN: No, it's not necessary.

19 MR. GLENN: Oh.

20 MR. QIAN: Actually, it's basically like a "Y"
21 kind of shape, you know. So, you know, my room down this
22 side is -- so if they go this way, yeah, they have to
23 cross. If they go that way, they don't.

24 The thing is, at Columbia, they have very high
25 security, so nobody without ID can come in. Here, you

1 know, there is no guard or anything. Anyone can come in.

2 MR. GLENN: Okay. The last area I want to look
3 at, in terms of if there were a spill today, do you know
4 what to do?

5 MR. QIAN: See --

6 MR. GLENN: You did a survey after you finished
7 working, and you found either yourself or the laboratory to
8 be --

9 MR. QIAN: I would say, you know, you try to
10 clean it, and then you see if you can clean the way -- you
11 know, you just clean it. If you can't, you have to call
12 the Radiation Office and notify the people, you know, you
13 should not walk into that area. You will contaminate
14 everywhere.

15 MR. GLENN: And if you had material on
16 yourself, do you know what you should do about that?

17 MR. QIAN: Yeah. Well, I guess I have to wash
18 and to see if it's still there or not.

19 MR. GLENN: Would you need to notify the
20 Radiation Protection Office?

21 MR. QIAN: Probably yes, I would think.

22 MR. GLENN: But you don't remember in your
23 training whether that was --

24 MR. QIAN: I think it must be there.

25 MR. GLENN: -- required?

1 MR. QIAN: You know, it must be there if you
2 have -- you must call. I think you should call or go to
3 the hospital, or something.

4 MR. GLENN: Just as one final question, kind of
5 a followup to that. If it actually happened, and you
6 weren't sure, do you have some place to go to find out?
7 Could you find out what to do next?

8 MR. QIAN: What to do next?

9 MR. GLENN: You're there, you've contaminated
10 yourself, you've cleaned up.

11 MR. QIAN: Yeah. Well, usually, we have a
12 phone -- telephone number on the -- by the phone. There's,
13 you know, different office numbers, like police and the
14 radiation safety, and the one with -- you know, I guess you
15 can just call.

16 MR. GLENN: Just so you go -- you'd go to that
17 list, and then you'd call the --

18 MR. QIAN: Yeah.

19 MR. GLENN: -- one of those --

20 MR. QIAN: Depends on what kind of situation.

21 MR. GLENN: Thank you.

22 MR. ROBINSON: We're just, you know, trying to
23 figure out how this incident with Dr. Li could have
24 possibly happened. Do you have any theories or any guesses
25 as to how you could ingest --

1 MR. QIAN: I think -- I don't really. I kind
2 of think it's strange, this large amount of dose get in
3 there by accident. On the other hand, it's very hard for
4 me to imagine someone would -- did it without any --
5 without any -- leave anything there. Or without being
6 noticed or --

7 MR. ROBINSON: Yeah. Okay. So are you saying
8 you haven't really thought about how that could have
9 happened?

10 MR. QIAN: Actually thought about how that
11 happened.

12 MR. ROBINSON: Or could have happened. You
13 know --

14 MR. QIAN: In a way. We kind of discuss it in
15 the lab how that happened. You know, it's kind of topic --

16 MR. ROBINSON: Yeah. I mean, what are some of
17 the theories?

18 MR. QIAN: Well, I guess either he made a
19 mistake or accident to get into -- by himself, or someone
20 inside lab did to him, or someone outside of the lab did to
21 -- I think that's all that I can think of.

22 MR. ROBINSON: But you haven't really talked
23 about how it could have happened or from what --

24 MR. QIAN: How it could happen, I don't know.
25 It depends -- each scenario you can discuss the

1 possibility, but I don't know.

2 MR. ROBINSON: Okay. Okay. I think that's all
3 I have. Do you have anything else?

4 MR. GONECONTO: No, I don't have anything else.

5 MR. ROBINSON: I thank you for your time here
6 this afternoon, Zhuo. I'll give you this -- this is just a
7 little information on the transcript. If you want to come
8 over and --

9 MR. QIAN: Okay.

10 MR. ROBINSON: -- and review your transcript.

11 MR. QIAN: I don't think I want to.

12 MR. ROBINSON: Okay. All right. We appreciate
13 your time. Is there anything else that you can think of
14 that we haven't talked about that might help us figure out
15 how this happened to Dr. Li?

16 MR. QIAN: I don't know how it happened. I
17 can't think of any particular things.

18 MR. ROBINSON: Okay. Well, if you do think of
19 anything after, you know, you can recontact us. We
20 appreciate it.

21 It is now 4:50, and the interview is complete.
22 Thank you very much.

23 (Whereupon, at 4:52 p.m., the interview was
24 concluded.)

25

C E R T I F I C A T E

This is to certify that the attached proceedings before the United States Nuclear Regulatory Commission in the matter of:

Name of Proceeding: INTERVIEW WITH ZHUO QIAN

Docket Number: --

Place of Proceeding: Cambridge, Massachusetts

were held as herein appears, and that this is the original transcript thereof for the file of the United States Nuclear Regulatory Commission taken by me and, thereafter reduced to typewriting by me or under the direction of the court reporting company, and that the transcript is a true and accurate record of the foregoing proceedings.

C. Pyott
Official Reporter
Neal R. Gross and Co., Inc.