

EXHIBIT 3

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UNITED STATES DISTRICT COURT

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NORTHERN DISTRICT OF CALIFORNIA

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IN RE: ROUNDUP PRODUCTS)

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LIABILITY LITIGATION)

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) MDL No. 2741

12

This document relates to:)

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) Case No. 16-md-02741-VC

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Stevick v. Monsanto Co., et al.)

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Case No. 3:16-cv-2341-VC)

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VIDEOTAPED DEPOSITION OF ANDREI SHUSTOV, M.D.

22

23

December 16, 2018

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Seattle, Washington

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APPEARANCES

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EXAMINATION INDEX

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Mr. Brenza	6
Mr. Wisner	80

EXHIBIT INDEX

EXHIBIT NO.	DESCRIPTION	PAGE NO.
Exhibit No. 36	Monsanto Company's Notice to Take Oral and Videotaped Deposition of Dr. Andrei Shustov.	4
Exhibit No. 37	Expert Report of Dr. Andrei R. Shustov.	4
Exhibit No. 38	Expert Report of Dr. Chadi Nabhan.	18
Exhibit No. 39	Clinical Summary for Elaine M. Stevick dated 9/6/2018. Labeled Confidential-Stevick-EStevick -KPNValley-MD-000010.	56
Exhibit No. 40	Decision/Reason, dated 7/14/2016. Labeled Confidential-Stevick-EStevick -PPR-000158.	60
Exhibit No. 41	Office visit for Elaine M. Stevick dated 8/2/2018. Labeled Confidential-Stevick-EStevick -KPNValley-MD-005067.	62

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BE IT REMEMBERED that on Sunday, December 16, 2018, at 1900 Fifth Avenue, Seattle, Washington, at 2:35 p.m., before JOHN M.S. BOTELHO, Certified Court Reporter, appeared ANDREI SHUSTOV, M.D., the witness herein;

WHEREUPON, the following proceedings were had, to wit:

<<<<<<>>>>>>

(Exhibit Nos. 36 and 37 marked for identification.)

THE VIDEOGRAPHER: We are on record at 2:35 p.m. on Sunday, December 16, 2018, in the matter of Stevick vs. Monsanto. The deponent today is Dr. Andrei Shustov.

Will counsel and -- counsel please identify themselves for the record, and then the court reporter may swear in the witness.

MR. WISNER: Brent Wisner on behalf of the deponent and the plaintiffs in this case.

MR. BRENZA: Lin Brenza with Bartlit Beck on behalf of Bayer.

MR. KERSCHNER: David Kerschner

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from Arnold & Porter on behalf of Monsanto.

MR. LEVINE: Aaron Levine from Arnold & Porter on behalf of Monsanto.

MR. WISNER: Technically Bayer is not a party to this case.

MR. BRENZA: I don't know.

MR. WISNER: Okay.

MR. BRENZA: I'll be on behalf of Monsanto if you want me to be.

MR. WISNER: Okay.

MR. BRENZA: So -- I'm sorry. Go ahead.

ANDREI SHUSTOV, M.D., having been first duly sworn by the Certified Court Reporter, deposed and testified as follows:

MR. WISNER: Before you begin, sir, just the same objections as last time. He's being offered for a specific cause only, not general cause, and this is related specifically to Mrs. Stevick's case.

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1 deposition?
 2 A I did.
 3 Q And I'll ask you the same questions. Have you
 4 provided all the documents to your counsel that are
 5 responsive to the documents requested in this notice?
 6 MR. WISNER: Objection. Answer
 7 that question to the extent that doesn't disclose
 8 privileged communications with counsel.
 9 THE WITNESS: To the best of my
 10 ability, yes.
 11 Q (By Mr. Brenza) And like the -- well, let me strike
 12 that.
 13 Was the list of materials that you relied on the
 14 same list that we've previously marked in depositions
 15 that we've taken today and yesterday? Do you need me
 16 to --
 17 A Can I verify?
 18 Q Yeah. It's going to be in --
 19 A Exhibit 4.
 20 Q -- that stack. It's Exhibit 4.
 21 A It's for previous case or for...?
 22 Q It's a previ -- we marked it previously, so I'm --
 23 A Is it --
 24 Q -- asking if we need to remark another copy or if
 25 it's the same exact copy and we'll just -- you can

Page 15

1 just say that.
 2 MR. WISNER: Are the medical
 3 records listed on there? Is that --
 4 MR. BRENTA: No.
 5 MR. WISNER: Oh.
 6 MR. BRENTA: It's maybe in the
 7 supplemental one, but then this one -- it's --
 8 MR. LEVINE: --
 9 MR. BRENTA: It's just articles and
 10 expert reports.
 11 THE REPORTER: What was that,
 12 Mr. Levine, you said?
 13 MR. LEVINE: I said medical records
 14 are not in the supplemental either.
 15 Q (By Mr. Brenza) Do you have Exhibit 4?
 16 A Yes. That's what I'm looking for, looking at.
 17 Q You're just verifying. Okay. Good.
 18 A Do you -- do you have the actual list for this case?
 19 I want to verify something.
 20 Q I may.
 21 MR. LEVINE: There wasn't a list
 22 for this case other than the expert reports you
 23 reviewed.
 24 MR. WISNER: That's right. I'm
 25 thinking of the expert disclosures that we did.

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1 MR. BRENTA: It was one -- it was
 2 one for all, wasn't it?
 3 MR. WISNER: Yeah, it was one for
 4 all, and then we stated plus any references cited in
 5 the expert report.
 6 MR. LEVINE: Right.
 7 MR. WISNER: This is what we said.
 8 MR. LEVINE: Yeah.
 9 MR. BRENTA: Okay. So --
 10 MR. LEVINE: That's -- I'm just
 11 clarifying that also.
 12 MR. WISNER: Yeah.
 13 MR. LEVINE: Yeah.
 14 THE WITNESS: Okay.
 15 [REDACTED]
 16 [REDACTED]
 17 [REDACTED]
 18 [REDACTED]
 19 [REDACTED]
 20 [REDACTED]
 21 [REDACTED]
 22 [REDACTED]
 23 [REDACTED]
 24 MR. WISNER: Exactly.
 25 THE WITNESS: Okay. So that --

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1 that answers my question.
 2 Q (By Mr. Brenza) So if you'll look at Paragraph 6 of
 3 your -- oh, we haven't marked your report. So I've
 4 previously handed you what I've marked as Exhibit 37.
 5 A 36. There we go.
 6 MR. WISNER: It's in your hand.
 7 THE WITNESS: Yeah.
 8 [REDACTED]
 9 [REDACTED]
 10 [REDACTED]
 11 [REDACTED]
 12 [REDACTED]
 13 [REDACTED]
 14 [REDACTED]
 15 [REDACTED]
 16 [REDACTED]
 17 [REDACTED]
 18 [REDACTED]
 19 [REDACTED]
 20 [REDACTED]
 21 [REDACTED]
 22 [REDACTED]
 23 [REDACTED]
 24 [REDACTED]
 25 [REDACTED]

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1 asking.

2 MR. WISNER: I believe it's memory.

3 See if my memory is...

4 THE WITNESS: Give me a moment to

5 find that report.

6 It is 10, is it?

7 MR. WISNER: No. It's 13, the

8 highlight.

9 THE WITNESS: 13. Sorry.

10 MR. WISNER: It's nice to have a

11 eidetic memory.

12 THE WITNESS: I have it.

13 MR. WISNER: So, Dr. Shustov, what

14 I would do is I would take this one and then look at

15 yours and just kind of go through them.

16 THE WITNESS: Take this and this?

17 MR. WISNER: Yeah. And just

18 compare them. And just for what it's worth, he just

19 wants to know if the general causation section in

20 your report is the portion that has the information.

21 And if so, then I think that would satisfy you.

22 MR. BRENZA: Yeah, I meant, let's

23 start with that and see if -- what he says.

24 THE WITNESS: Yes, it is in the

25 section on general causation that I see the overlap,

Page 72

1 [REDACTED]

2 [REDACTED]

3 [REDACTED]

4 [REDACTED]

5 [REDACTED]

6 [REDACTED]

7 [REDACTED]

8 [REDACTED]

9 [REDACTED]

10 [REDACTED]

11 [REDACTED]

12 [REDACTED]

13 [REDACTED]

14 [REDACTED]

15 [REDACTED]

16 [REDACTED]

17 [REDACTED]

18 [REDACTED]

19 [REDACTED]

20 [REDACTED]

21 [REDACTED]

22 [REDACTED]

23 [REDACTED]

24 [REDACTED]

25 [REDACTED]

Page 71

1 yes.

2 [REDACTED]

3 [REDACTED]

4 [REDACTED]

5 [REDACTED]

6 [REDACTED]

7 [REDACTED]

8 [REDACTED]

9 [REDACTED]

10 [REDACTED]

11 [REDACTED]

12 [REDACTED]

13 [REDACTED]

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15 [REDACTED]

16 [REDACTED]

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19 [REDACTED]

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23 [REDACTED]

24 [REDACTED]

25 off the record while --

Page 73

1 [REDACTED]

2 [REDACTED]

3 [REDACTED]

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6 [REDACTED]

7 [REDACTED]

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16 [REDACTED]

17 [REDACTED]

18 [REDACTED]

19 [REDACTED]

20 [REDACTED]

21 [REDACTED]

22 [REDACTED]

23 [REDACTED]

24 [REDACTED]

25 [REDACTED]

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1 in the studies relied on in the Schinasi
2 meta-analysis, how did you take that into account in
3 your analysis?
4 A I gave to go again. It's -- at the time of writing,
5 I had -- I decided that this was the, again, proper
6 way of state how I adjusted my impression from those
7 studies.
8 Q Are you done?
9 A I don't -- what?
10 Q You still answering, or...?
11 A Yes, I'm trying to still think how to answer your
12 question.
13 Q Okay.
14 A I can't tell you specifics how exactly I adjusted
15 that without, again, opening discussion of those
16 publications. 'Cause I don't explain specifically
17 how I did it.
18 Q And you don't remember, as you sit here now, how you
19 took account of whether they control or didn't
20 control for confounding pesticides?
21 A I don't recall my train of thought at the time.
22 Q Do you recall your analysis, how you took it into
23 account in your analysis?
24 A As we discussed before for general causation
25 analysis, I performed very brief review of the

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1 literature that we went over several times and looked
2 at the limited amount of information in tables, and
3 without having a deep dive into general causation,
4 that really is not my area of expertise. So I
5 don't -- I can't give you specifically, without
6 looking at the studies again in area of general
7 causation, what specific terms or what specific
8 factors I looked at.
9 Q Do you remember what method you used to conduct your
10 analysis?
11 A I read the papers. Again, for general causation, I
12 used as a reference just to familiarize myself with
13 general causation.
14 Q Did you do any mathematics or anything to satisfy
15 yourself that you could rely on studies that didn't
16 adjust for other pesticide use?
17 A I didn't do any calculations on my own.
18 Q Did you receive calculations from anyone else?
19 A No.
20 Q Do you remember anything else about the method you
21 used?
22 A Method of...?
23 Q Of taking into account whether the studies did or
24 didn't adjust for confounding pesticides.
25 A Again, I've taken into consideration reading the

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1 paper. I did not do any specific considerations or a
2 specific analysis on...
3 MR. BRENZA: Okay. That's all I
4 have. Thank you. Pass the witness.
5 MR. WISNER: Thank you.
6
7
8 EXAMINATION
9 BY MR. WISNER:
10 Q Couple quick questions, Doctor. We'll get you out of
11 here. It's been a long --
12 A Sure.
13 Q -- couple of days.
14 A Appreciate it.
15 Q The first is on the confounding issue that we were
16 just talking about. When you say "taking into
17 account," does that just mean you looked and see if
18 those studies did adjust or did not adjust?
19 A At the level that I looked at those papers, I did not
20 do any specific analysis on general causation papers.
21 Q Sure. And yesterday I believe we actually discussed
22 one of the articles. It was De Roos 2003. I believe
23 it was Exhibit 20?
24 A I remember the paper. I don't remember the number of
25 exhibit.

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1 Q Okay. It was Exhibit 20. And that was the study
2 where they adjusted for 47 other pesticides. Do you
3 recall?
4 A I remember that.
5 Q Okay. And you remember we discussed there's language
6 in there showing that these other pesticides, for
7 example, didn't confound. Do you recall?
8 A I do remember that.
9 Q Okay. The phrase "idiopathic causes," is that a
10 cogent sentence or phrase?
11 A In a way, "idiopathic causes" is kind of an oxymoron
12 because it means we don't know the cause. We use
13 this kind of liberally just to say we don't know the
14 cause. It's kind of, I'd say, almost inappropriate
15 to call it "the cause" because we don't know the
16 cause. I -- you know, we can call it unidentified --
17 uni -- unidentifiable causes, but the "idiopathic
18 causes," it's kind of nonsensical, but it's very
19 frequently used.
20 Q Is it possible to rule out an unknown cause?
21 A Well, technically you cannot rule out something you
22 don't know what you're ruling out.
23 Q Okay.
24 A So if...
25 [REDACTED]

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1 [REDACTED]
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3 [REDACTED]
4 MR. WISNER: Okay. Pass the
5 witness.
6 MR. BRENZA: Nothing further.
7 THE VIDEOGRAPHER: All right. That
8 concludes the video deposition of Dr. Andrei Shustov.
9 We're now going off record at 5:09 p.m.
10 (Signature reserved.)
11 (Deposition concluded at
12 5:09 p.m.)
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1 STATE OF WASHINGTON) I, John M.S. Botelho, CCR, RPR,
2) ss a certified court reporter
3 County of Pierce) in the State of Washington,
4 do hereby certify:
5
6 That the foregoing deposition of ANDREI SHUSTOV,
7 M.D., was taken before me and completed on December 16,
8 2018, and thereafter was transcribed under my direction;
9 that the deposition is a full, true and complete transcript
10 of the testimony of said witness, including all questions,
11 answers, objections, motions and exceptions;
12 That the witness, before examination, was by me
13 duly sworn to testify the truth, the whole truth, and
14 nothing but the truth, and that the witness reserved the
15 right of signature;
16
17 That I am not a relative, employee, attorney or
18 counsel of any party to this action or relative or employee
19 of any such attorney or counsel and that I am not
20 financially interested in the said action or the outcome
21 thereof;
22
23 IN WITNESS WHEREOF, I have hereunto set my hand
24 this 18th day of December, 2018.
25

John M.S. Botelho, CCR, RPR
Certified Court Reporter No. 2976
(Certification expires 5/26/19.)

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CERTIFICATE OF DEPONENT

I hereby certify that I have read and examined the foregoing transcript, and the same is a true and accurate record of the testimony given by me.

Any additions or corrections that I feel are necessary, I will attach on a separate sheet of paper to the original transcript.

Andrei Shustov, M.D.

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WITNESS: Andrei Shustov, M.D.

DATE: December 16, 2018

CASE: Stevick v. Monsanto Co., et al.

Please note any errors and the corrections thereof on this errata sheet. The rules require a reason for any change or correction. It may be general, such as "To correct stenographic error," or "To clarify the record," or "To conform with the facts."

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