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Superior Court Of California
County Of Los Angeles

MAY 01 2013

John A. Clarke, Executive Officer/Clerk
By: E. Sabalbuero, Deputy

SUPERIOR COURT OF CALIFORNIA
COUNTY OF LOS ANGELES

COORDINATION PROCEEDING SPECIAL
TITLE (Rule 2.550)

LASC Case No: JCCP4696

ACTOS PRODUCT LIABILITY CASES

COURT'S RULING AND ORDER RE:

1) DEFENDANTS' MOTION TO STRIKE
THE SPECIFIC CAUSATION OPINIONS
OFFERED BY DR. NORM SMITH, M.D.;
AND

THIS DOCUMENT RELATES TO:

2) DEFENDANTS' MOTION FOR NONSUIT

*Jack Cooper et al. v. Takeda Pharmaceuticals
America, Inc., et al.*, San Francisco Superior
Court Case No. CGC-12-518535

Trial: February 19, 2013

I.

BACKGROUND

In this coordinated litigation, Plaintiffs have sued the Defendants, manufacturers of the prescription drug Actos (the trade name for pioglitazone HC1 tablets), which is used to treat type 2 diabetes mellitus. Plaintiffs allege that they developed bladder cancer from ingesting the drug. The Plaintiffs in these cases allege various theories for products liability (including claims for negligence, strict liability – failure to warn, strict liability – defective design, breach of the

1 implied warranty for a particular purpose, breach of the implied warranty of merchantability,
2 violation of the Unfair Competition Law (“UCL”) and False Advertising Law (“FAL”), deceit by
3 concealment, negligent misrepresentation, and violation of the Consumer Legal Remedies Act
4 (“CLRA”).

5 Jack Cooper and Nancy Cooper are Plaintiffs in one of the coordinated cases. This Court
6 granted a preference trial due to Plaintiff Jack Cooper’s health on October 30, 2012. Trial
7 commenced on February 19, 2013, with opening statements occurring on February 28, 2013.

8 Prior to commencement of the trial, Defendants moved for an order *in limine* to exclude
9 the opinions of Dr. Norm Smith, who has been proffered by Plaintiffs as an expert on
10 genotoxicity, general causation, and specific causation. On February 11, 2013, the Court
11 deferred a ruling on the motion *in limine*, pending a hearing pursuant to Evidence Code §402 to
12 assess the admissibility of Dr. Smith’s opinions. On March 18, 2013, the Court held the §402
13 hearing. The Court has ruled that Dr. Smith’s opinions are admissible with respect to his opinion
14 on general causation, and has excluded Dr. Smith’s opinions on the genotoxicity of Actos.

15 In the instant Ruling and Order, the Court addresses the admissibility of Dr. Smith’s
16 opinion on specific causation – that Actos ingestion was, to a reasonable degree of medical
17 certainty¹, the cause of Plaintiff Jack Cooper’s bladder cancer. Following the §402 hearing, the
18 Court had tentatively found that Dr. Smith had not established a foundation for his opinion on
19 specific causation. The Court requested the parties brief the issue further, and entertained
20 argument from both sides on the admissibility of Dr. Smith’s specific causation opinion on
21 March 22, 2013.

22
23 Subsequently, on March 25, 2013, the Court deferred ruling on the admissibility of Dr.
24

25

¹ March 18, 2013 Transcript of §402 Hearing of Dr. Norm Smith, dated March 18, 2013 (“§402 Hearing Transcript”) at 149:5-7.

1 Smith's specific causation opinion, and permitted Plaintiffs to call Dr. Smith to the stand for
2 examination. The Court made this order, subject to providing Defendants the opportunity to file
3 a motion to strike Dr. Smith's opinion on specific causation.

4 Defendants moved to strike Dr. Smith's specific causation opinion. Concurrently,
5 Defendants filed a motion for judgment of nonsuit, on the following grounds:

6 1) All of Plaintiffs' claims fail because specific causation is an essential element
7 of each of their causes of action, and that Plaintiffs have no admissible expert
8 testimony to establish that Actos (pioglitazone HC1) caused Plaintiff Jack
Cooper's bladder cancer; and

9 2) Plaintiff Nancy Cooper's cause of action for Loss of Consortium is derivative
10 of Plaintiffs' substantive claims and fails for the same reasons as those claims.

11 The Court deferred a ruling on these issues, as well. In the interim, the jury returned a verdict in
12 favor of Plaintiffs on April 26, 2013.

13 For the reasons discussed *infra*, the Court, having considered Dr. Smith's deposition
14 transcript; his testimony at the §402 hearing; all exhibits duly admitted; Dr. Smith's specific
15 causation testimony at trial; and the written and oral arguments of the parties addressing the
16 issue, determines that Dr. Smith's specific causation opinion is not admissible and must be
17 excluded. As such, the Court grants Defendants' motion to strike Dr. Smith's opinions on
18 specific causation.

19 The motion for a judgment of nonsuit is granted.²

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25 ² In light of the Court's order granting the motion for nonsuit, the Defendants' motion for a directed verdict, filed April 12, 2013, is moot.

1 II.

2 MOTION TO STRIKE DR. SMITH'S SPECIFIC CAUSATION OPINION

3 Standards on Admissibility of Expert Opinion

4 Evidence Code §801(b) provides:

5 If a witness is testifying as an expert, his testimony in the form of an opinion is
6 limited to such an opinion as is:

7

8 (b) Based on matter (including his special knowledge, skill, experience, training,
9 and education) perceived by or personally known to the witness or made known
10 to him at or before the hearing, whether or not admissible, that is of a type that
11 *reasonably may be relied upon* by an expert in forming an opinion upon the
subject to which his testimony relates, unless an expert is precluded by law from
using such matter as a basis for his opinion. (Emphasis added.)

12 Under Evidence Code §802, “[a] witness testifying in the form of an opinion may state on
13 direct examination the reasons for his opinion and the matter (including, in the case of an expert,
14 his special knowledge, skill, experience, training, and education) upon which it is based, unless
15 he is precluded by law from using such reasons or matter as a basis for his opinion. The court in
16 its discretion may require that a witness before testifying in the form of an opinion be first
17 examined concerning the matter upon which his opinion is based.”

18 In *Jennings v. Palomar Pomorado Health Systems, Inc.* (2003) 114 Cal.App.4th 1108,
19 1117, the Court of Appeal noted:

20 [E]ven when the witness qualifies as an expert, he or she does not possess a *carte*
21 *blanche* to express any opinion within the area of expertise. For example, an
22 expert's opinion based on assumptions of fact without evidentiary support, or on
23 speculative or conjectural factors, has no evidentiary value and may be excluded
24 from evidence. Similarly, when an expert's opinion is purely conclusory because
unaccompanied by a reasoned explanation connecting the factual predicates to the
ultimate conclusion, that opinion has no evidentiary value because an “expert
opinion is worth no more than the reasons upon which it rests.” (Internal citations
omitted).

25 The matter relied on “must provide a reasonable basis for the particular opinion offered,

1 and...an expert opinion based on speculation or conjecture is inadmissible.” *Geffcken v.*
2 *D’Andrea* (2006) 137 Cal.App.4th 1298, 1311. In determining reliability, the emphasis should be
3 on the “factors considered and the reasoning employed.” *Id.* “Where an expert bases his
4 conclusion upon assumptions which are not supported by the record, upon matters which are not
5 reasonably relied upon by other experts, or upon factors which are speculative, remote or
6 conjectural, then his conclusion has no evidentiary value.” *Id.*; *see also Bushling v. Fremont*
7 *Med. Ctr.* (2004) 117 Cal.App.4th 493, 510.

8 ““Exclusion of expert opinions that rest on guess, surmise or conjecture is an inherent
9 corollary to the foundational predicate for admission of the expert testimony: will the testimony
10 assist the trier of fact to evaluate the issues it must decide?”” *Sargon Enters., Inc. v. Univ. of*
11 *Southern California* (2012) 55 Cal.4th 747, 770 (“*Sargon*”) (citing *Jennings v. Palomar*
12 *Pomorado Health Systems, Inc., supra*, 114 Cal.App.4th at 1117). “[U]nder Evidence Code
13 sections 801, subdivision (b), and 802, the trial court acts as a *gatekeeper* to exclude expert
14 opinion testimony that is (1) based on matter of a type on which an expert may not reasonably
15 rely, (2) based on reasons unsupported by the material on which the expert relies, or (3)
16 speculative. Other provisions of law, including decisional law, may also provide reasons for
17 excluding expert opinion testimony.” *Id.* at 771-772 (emphasis added).

18 The *Sargon* court further expanded on the Court’s “gatekeeper” role, stating as follows:

19 [C]ourts must also be cautious in excluding expert testimony. The trial court's
20 gatekeeping role does not involve choosing between competing expert opinions.
21 The high court warned that the gatekeeper's focus “must be solely on principles
22 and methodology, not on the conclusions that they generate.” (*Daubert v. Merrell*
23 *Dow Pharmaceuticals, Inc.* [(1993)] 509 U.S. [579,] 595.) The advisory
24 committee on the 2000 amendments to Federal Rules of Evidence, rule 702 (28
25 U.S.C.), which codified the rule established in *Daubert*, noted that the trial court's
task is not to choose the most reliable of the offered opinions and exclude the
others: “When a trial court, applying this amendment, rules that an expert's
testimony is reliable, this does not necessarily mean that contradictory expert
testimony is unreliable. The amendment is broad enough to permit testimony that
is the product of competing principles or methods in the same field of expertise.”
(Advisory Com. Notes to Fed. Rules Evid., rule 702, 28 U.S.C.)

1
2 The trial court's preliminary determination whether the expert opinion is founded
3 on sound logic is not a decision on its persuasiveness. The court must not weigh
4 an opinion's probative value or substitute its own opinion for the expert's opinion.
5 Rather, the court must simply determine whether the matter relied on can provide
6 a reasonable basis for the opinion or whether that opinion is based on a leap of
7 logic or conjecture. The court does not resolve scientific controversies. Rather, it
8 conducts a "circumscribed inquiry" to "determine whether, as a matter of logic,
9 the studies and other information cited by experts adequately support the
10 conclusion that the expert's general theory or technique is valid." [Citation.] The
11 goal of trial court gatekeeping is simply to exclude "clearly invalid and
12 unreliable" expert opinion. [Citation.] In short, the gatekeeper's role "is to make
13 certain that an expert, whether basing testimony upon professional studies or
14 personal experience, employs in the courtroom *the same level of intellectual rigor*
15 *that characterizes the practice of an expert in the relevant field.*" [Citation.]
16 *Sargon, supra*, 55 Cal.4th at 772 (emphasis added).

17 As part of the Court's duties under Evidence Code §802, as set forth in *Sargon*, the Court
18 "may inquire into...not only the type of material on which an expert relies, but also whether that
19 material *actually supports the expert's reasoning*. 'A court may conclude that there is simply too
20 great an analytical gap between the data and the opinion proffered.'" *Sargon*, 55 Cal.4th at 771
21 (citing *General Electric Co. v. Joiner* (1997) 522 U.S. 136, 146) (emphasis added).

22 Discussion

23 With all of these standards in mind, Defendants argue that Dr. Smith lacks a reliable
24 foundation to opine that Actos specifically caused Mr. Cooper's bladder cancer.

25 Under California law, Plaintiffs must prove that Actos was a substantial factor in bringing
about Mr. Cooper's injury. *Bockrath v. Aldrich Chemical Co.* (1999) 21 Cal.4th 71, 79. "[T]he
substantial factor standard is a relatively broad one, requiring only that the contribution of the
individual cause be more than negligible or *theoretical*." *Id.* (Emphasis added.) To arrive at his
specific causation opinion, Dr. Smith testified at the 402 hearing and later at trial that he
performed what is known as a differential diagnosis.³

³ Dr. Smith did not use this term at his December 17, 2012 deposition.

1 Differential diagnosis is “the *patient-specific process* of elimination that medical
2 practitioners use to identify the ‘most likely’ cause of a set of signs and symptoms from a list of
3 possible causes” and is “undoubtedly important to the question of specific causation.” See
4 Matthew Bender, *Drug Product Liability*, §5.01(b) (2012) (emphasis added).

5 “Differential diagnosis is a standard scientific technique of identifying the cause of a
6 medical problem by eliminating the likely causes until the most probable one is isolated. *It is*
7 *typically performed after taking physical examinations and medical histories, and reviewing*
8 *clinical tests.” Id.* (Emphasis added.)

9 “The technique has widespread acceptance in the medical community, and the
10 overwhelming majority of courts have held that a medical opinion on causation based upon a
11 reliable differential diagnosis provides a valid foundation for expert testimony[.]” *Id.*

12 Importantly, “[m]ost courts require that a reliable differential diagnosis at least *consider*
13 other factors that could have been the sole cause of the plaintiff’s injury. Nevertheless, the
14 expert need not rule out every conceivable cause for his or her differential-diagnosis-based
15 opinion to be admissible.” *Id.*

16 Dr. Smith, when asked at the §402 hearing if he performed a differential diagnosis on the
17 possible causes of Mr. Cooper’s bladder cancer, stated that he did. Dr. Smith further testified at
18 trial to having performed a differential diagnosis.⁴ He testified in pertinent part that he “ruled
19 out” potential causes, as follows:

20 A. Particularly smoking, environmental exposures, occupational exposure. And
21 sometimes those that are hard to define, you know, a single agent that [Mr.
22 Cooper] may have been exposed to. But if you look once again at all of that, you
23 don’t really get the hazard ratios out of the ones whereas in the Mamtani article,
24 that seems to fit Mr. Cooper very well with his, you know, 50-plus thousand
milligrams cumulative dose greater than five years that has a hazard ratio of
almost seven. So I think in [Mr. Cooper’s] case when you try to weigh that all in,
that’s really what is formative of the opinion that Actos caused bladder cancer for

25

⁴ March 26, 2013 Trial Transcript at 10:24-11:22.

1 Mr. Cooper.⁵

2 The following exchange also occurred between Plaintiff's counsel, Mr. Miller, and Dr.
3 Smith during the §402 hearing:

4 Q...Is there anything in Mr. Cooper's history that's even half as risky [as Actos]
5 scientifically? Former smoking?

6 A. Again, the relative risks of that go down to the ones, and this new article would
7 suggest maybe even lower than that if you quit at age 40.

8 Q. Any literature out there that shows a retired Pacific phone supervisor would
9 have a risk of even half the Actos risk?

10 A. Not to my knowledge, no.

11 Q. The fact that he has diabetes in and of itself, is diabetes a risk factor for
12 bladder cancer?

13 A. I would say it's a little bit controversial. There are some papers that say it
14 causes a slight risk. Other papers refute that.⁶

15 Further, Dr. Smith testified as follows in response to Mr. Miller's questioning:

16 Q. Dr. Smith, in the studies we went through when they factor in the relationship
17 to Actos and bladder cancer, people on both sides of the study had diabetes; right?

18 A. Yes.

19 Q. And people on both sides of the study were older white males in spots; right?

20 A. Yes.

21 Q. And so the association of Actos to bladder cancer was irrespective of the fact
22 that they had old white men with diabetes.

23 A. That's where in those studies, it says adjusted for sex, race, smoking,
24 hemoglobin, A1c, et cetera, yes.

25 Q. So after you completed your differential diagnosis, filed your evidence-based

⁵ March 18, 2013 §402 Hearing Transcript at 52:25-53:8.

⁶ March 18, 2013 §402 Hearing Transcript at 53:18-54:4.

1 medicine, do you hold the opinion to a reasonable degree of medical certainty that
2 a substantial increasing factor, a cause of Mr. Cooper's bladder is Actos –

3 A. Yes.

4 Q. –his long term use?⁷

5 However, it is evident to the Court that the manner in which Dr. Smith conducted his
6 differential diagnosis is based on speculation, is not reliable, not done with the intellectual rigor
7 expected of an expert, and is therefore inadmissible under prevailing California law.

8 Dr. Smith's own peer-reviewed study, entitled "Bladder Cancer Risk From Occupational
9 and Environmental Exposures" (also referred to as the "Kiriluk study"⁸) identifies several
10 possible causes of bladder cancer. In particular, the potential "causative factors" are identified in
11 the Kiriluk study as cigarette smoking; cigar/pipe smoking; 1-Naphthylamine, 2-naphthylamine,
12 benzidine, 4-aminobiphenyl, ortho-toluidine and chloroaniline; high arsenic levels; polyaromatic
13 hydrocarbons; ionizing radiation; schistosoma haematobium; chronic inflammation;
14 immunosuppression; oxazophosphorines; phenacetin; and *aristolochia fangchi*. The
15 "indeterminate" factors are identified as second-hand smoke; chlorinated water; halogenated
16 hydrocarbons; low arsenic levels; HPV; pioglitazone; nitrates and nitrites; and Vitamin D
17 deficiency. Dr. Smith confirmed at deposition that "there is a huge, huge list of things that have
18 been listed as risk factors for bladder cancer[.]"⁹

19 There is nothing before the Court, in the form of Dr. Smith's deposition testimony, his
20 testimony before the Court during the §402 hearing, or his trial testimony demonstrating that Dr.
21 Smith exercised the care of a professional expert or displayed the intellectual rigor expected of
22 such an expert.

23 ⁷ March 18, 2013 §402 Hearing Transcript at 54:22-55:18.

24 ⁸ Master trial exhibit 1678.

25 ⁹ Deposition of Dr. Norm Smith at 42:9-11.

1 He did not sufficiently consider these causes, and then rule them out *as to Mr. Cooper*
2 *specifically*, in order to reach his specific causation opinion based on a differential diagnosis.

3 Critically, the following exchange occurred during the §402 hearing between Defendants'
4 counsel, Mr. Parker, and Dr. Smith:

5 Q. In your paper, not to pull it back up, your Kirulik paper, there were a long list
6 of known causes of bladder cancer; correct?

7 A. Yes.

8 Q. And you did not sit down with the Coopers and do a medical history to find out
9 to what extent he – Mr. Cooper – may or may not have been exposed to any of
10 those.

11 A. I reviewed the medical history.

12 Q. So what you get in the medical history is what somebody like Dr. Brunsting is
13 commenting on as Mr. Cooper comes in to him each week or whatever may be
14 causing a problem.

15 A. Or his oncologist.

16 Q. And did you see anybody undertaking a history for purposes of assessing the
17 underlying cause of bladder cancer at any point in [Mr. Cooper's] medical
18 history?

19 A. You do that as part of social history, family history, et cetera.

20 Q. My question is when you went through the medical records, you didn't find
21 any such history of someone attempting to look to see if he had been exposed to
22 things that you've determined are causes of bladder cancer.

23 A. The oncologist specifically mentions no occupational exposures, no history of
24 occupational exposures.

25 Q. And who is it that you're referring to?

A. The patient's medical oncologist [Dr. Xavier].

....

Q. [In] Dr. Xavier's notes we will find a comprehensive history where she went
into the list of known causes of bladder cancer. Is that what you're telling us?

1 A. *I don't know the answer to that.*¹⁰

2 Dr. Smith, at deposition, when asked what Mr. Cooper did for a living, testified that he
3 could not recall.¹¹ When asked whether he knew if Mr. Cooper had any exposures at his
4 workplace that had any sort of association with bladder cancer, Dr. Smith testified that it was “a
5 difficult question to answer because...we don't understand all the exposures.”¹² Absent a
6 foundational basis for ruling in, and then ruling out, these occupational and environmental
7 exposures (potential exposures which Dr. Smith identifies as belonging to a “huge list”), Dr.
8 Smith could not reliably perform a differential diagnosis to arrive at his specific causation
9 opinion.

10 Further, the following exchange occurred at the §402 hearing:

11 Q. By Mr. Miller: And the basis for your opinion that Actos is a substantial
12 contributing factor to Mr. Cooper, Actos is a substantial contributing factor to Mr.
13 Cooper having bladder cancer is based upon, as you describe in your record,
Takeda's own studies; right, sir?

14 A. It's a combination of all the published literature, the Takeda studies, experience
15 of taking care of bladder cancer patients, experience of having written on
exposures and risks for bladder cancer.¹³

16 In the Court's view, while such testimony may demonstrate a basis for Dr. Smith's general
17 causation opinion, it confirms that the methodology employed by Dr. Smith in reaching his
18 *specific* causation opinion is inherently unreliable.

19 Dr. Smith testified at the §402 hearing that, prior to his deposition, he did not meet with
20 the Coopers or examine Mr. Cooper before he rendered his opinion in this case; never spoke to
21

22 ¹⁰ March 18, 2013 §402 Hearing Transcript at 138:15-139:23 (emphasis added).

23 ¹¹ December 17, 2012 Deposition Transcript at 182:19-22.

24 ¹² December 17, 2012 Deposition Transcript at 182:23-183:4.

25 ¹³ March 18, 2013 §402 Hearing Transcript at 148:20-149:1.

1 Mr. Cooper's doctors; did not read the depositions of Mr. or Mrs. Cooper before he reached his
2 opinion in this case; and did not read the deposition of Dr. Brunsting (Mr. Cooper's prescribing
3 doctor).¹⁴ Dr. Smith confirmed the same during his trial testimony.¹⁵

4 Plaintiffs maintain that Dr. Smith need not have personally interviewed Mr. Cooper or his
5 physicians in order for his specific causation opinion to be admissible. To be sure, the
6 "Comments" section of Evidence Code §801(b) provides that "[a] physician may...rely on
7 reports and opinions of other physicians." Evidence Code §801, "Comments" (citing *Kelley v.*
8 *Bailey* (1961) 189 Cal.App.2d 728; *Hope v. Arrowhead & Puritas Waters, Inc.* (1959) 174
9 Cal.App.2d 222). Witkin states that a doctor may base an opinion on a diagnosis or examination
10 made by another doctor. 1 Witkin, California Evidence, §34 (5th Ed. 2012) (citing *Christiansen*
11 *v. Hollings* (1941) 44 Cal.App.2d 332, 347; *Hope v. Arrowhead & Puritas Waters* (1959) 174
12 Cal.App.2nd 222, 230 *Kelley v. Bailey* (1961) 189 Cal.App.2nd 728, 737 *People v. Campos* (1995)
13 32 Cal.App.4th 304, 308; and *Shugart v. Regents of Univ. of Calif.* (2011) 99 Cal.App.4th 499,
14 505).

15 As such, the fact that Dr. Smith did not examine or interview Mr. Cooper does not, by
16 itself, render his specific causation inadmissible. However, Dr. Smith *was* required to otherwise
17 establish a reliable foundation for his differential diagnosis, which he did not do as to Mr.
18 Cooper. Dr. Smith's testimony that Dr. Xavier mentioned "no history of occupational
19 exposures", and his reliance on that mere statement, is not sufficient, from a foundational
20 standpoint, to rule in, and rule out, such potential exposures to reach a differential diagnosis as to
21 the specific cause of Mr. Cooper's bladder cancer.

22 The problems with the foundation for Dr. Smith's differential diagnosis were further
23

24
25 ¹⁴ March 18, 2013 §402 Hearing Transcript at 137:22-138:14.

¹⁵ March 26, 2013 Trial Transcript at 35:22-38:21.

1 illustrated at his deposition, where he stated he could not testify as to whether, *inter alia*, Mr.
2 Cooper was exposed to secondhand smoke at his workplace, whether he may have had any
3 exposures at his workplace that have any association with bladder cancer, and whether he may
4 have had exposure to anything during his Army service.¹⁶ Ultimately, Dr. Smith testified that he
5 had not taken a history from Mr. Cooper regarding his exposures to potential bladder
6 carcinogens over time; instead, he “simply reviewed [Mr. Cooper’s] medical record.”¹⁷ Again,
7 ruling in, and ruling out, potential causes of Mr. Cooper’s bladder cancer is critical for purposes
8 of establishing a foundation as to Dr. Smith’s specific causation opinion by way of a differential
9 diagnosis.

10 With respect to Dr. Smith’s opinion ruling out Mr. Cooper’s smoking as a cause of his
11 bladder cancer, the following exchange occurred at trial between Takeda’s counsel and Dr.
12 Smith:

13 Q. All right. Now, you told the jury this morning that you reviewed that large
14 notebook that we were given this morning of medical records, correct?

15 A. And that was present at the deposition back in December.

16 ...
17 Q. And yet, Dr. Smith, sir, despite reading those records, you were totally unaware
18 that they were records reporting that [Mr. Cooper] had stopped smoking in the
19 1990’s. Isn’t that true, sir?

20 A. There’s discrepancies within the chart which we talked about before. There are
21 places in the chart that say never smoker. There are also places that say 1990’s.

22 Q. Doctor, I’m going to ask you a specific question. Isn’t it true that as of the time
23 we took your deposition, you were unaware of any record reporting that he had
24 stopped in the 1990’s?

25 ¹⁶ December 17, 2012 Deposition Transcript at 182:16-183:11 (testifying, *inter alia*, that he did not know that Mr. Cooper was in the Corps of Army Engineers in the 1950s, and that he could not opine whether Mr. Cooper was exposed to anything during his Army service).

¹⁷ December 17, 2012 Deposition Transcript at 184:8-13.

1 A. My impression was that he had stopped in the 1970's, correct.

2 Q. So you saw no record. This is my question. Despite claiming that you read the
3 records, you saw no record that reported that he had stopped in the 1990's. Isn't
4 that true?

5 A. I did not recall at that time, correct.

6 Q. ... [Y]ou can then agree that for purposes of forming your opinion, you did not
7 weigh whether and to what extent if he smoked for 20 years or 40 years would
8 factor into your opinion because you didn't know then. Isn't that true?

9 A. I was under the impression, once again, that he had quit in 1974. I was not
10 aware of any documentation at that time of 1990 something.¹⁸

11 It is evident to the Court that the disparities in the record as to the date Mr. Cooper
12 stopped smoking do not provide a reliable basis for Dr. Smith's differential diagnosis. In fact,
13 Dr. Smith testified that his information that Mr. Cooper stopped smoking in the 1970s came from
14 Plaintiff's counsel, Mr. Miller.¹⁹ This information, according to Dr. Smith, came from having
15 "met with counsel for Mr. Cooper many times, [having] had many discussions [with Plaintiffs'
16 counsel], and [having] had many e-mails [with Plaintiffs' counsel]" in the year leading up to Dr.
17 Smith's deposition.²⁰

18 However, Mr. Cooper's records, which have been duly admitted into evidence, all state
19 that Mr. Cooper ceased smoking at various dates in the 1990s.²¹ Ultimately, without knowing
20 the date Mr. Cooper ceased smoking, Dr. Smith could not (and did not) properly rule out

21 ¹⁸ March 26, 2013 Trial Transcript at 39:22-40:27.

22 ¹⁹ March 26, 2013 Trial Transcript at 42:3-6.

23 ²⁰ March 26, 2013 Trial Transcript at 41:27-42:2.

24 ²¹ See, e.g. trial exhibits 1014-236 (December 8, 2011 record from Scripps Mercy Hospital, stating that Mr. Cooper
25 quit smoking in 1994 with a 40-year history of smoking 1 pack per week); 1012-269 (December 17, 1999 record
from Scripps Physicians-Mercy Medical Group stating that he quit smoking seven years prior); 1011 (December 9,
2011 record from San Diego Heart and Vascular Associates, stating that Mr. Cooper stopped smoking in 1994); and
2011 (November 1, 2001 record from Hillcrest Urological Medical Group, indicating that Mr. Cooper stopped
smoking in 1995).

1 smoking as a potential cause of Mr. Cooper's bladder cancer in conducting his differential
2 diagnosis – given Dr. Smith's trial testimony that: 1) smoking is a significant risk factor for
3 bladder cancer²²; and 2) the time since cessation of smoking is important in assessing smoking as
4 a risk factor.²³

5 An expert physician, evaluating a patient's medical records, would thoroughly study
6 them, noting anything of significance, and follow up on every detail necessary to come up with
7 an accurate diagnosis. Since the date Mr. Cooper stopped smoking and his level of tobacco
8 consumption is a critical fact in the diagnosis, an expert would do all he or she could to resolve
9 any ambiguities. Pursuant to *Sargon*, Dr. Smith was required to "employ[] in the courtroom *the*
10 *same level of intellectual rigor that characterizes the practice of an expert in the relevant field.*"
11 *Sargon, supra*, 55 Cal.4th at 772 (emphasis added).

12 For instance, Mr. Cooper's medical record from Dr. Xavier dated September 17, 2012²⁴
13 indicates that Mr. Cooper was suffering from "[m]oderate emphysema."

14 Dr. Smith was questioned by Takeda's counsel:

15 Q. And emphysema, as we just discussed, would be some indication of the
16 burden that tobacco, either in cigarettes or pipes, might have in some who smoked
40 years. Would you agree?

17 A. I would certainly not quantify myself as a – as an emphysema expert, a COPD
18 expert, a radiologic expert. I don't feel I have an opinion on the question.²⁵

19 Yet, Dr. Smith, not having noticed the multiple medical record entries indicating smoking
20 cessation in the 1992-4 timeframe or Mr. Cooper's history of moderate emphysema, steadfastly
21 continued to use as basis for his opinion the statement of Mr. Cooper's attorney that Mr. Cooper

22 ²² March 26, 2013 Trial Transcript at 16:16-17:12.

23 ²³ March 26, 2013 Trial Transcript at 16:16-17:12, 17:21-18:8.

24 ²⁴ See trial exhibit 1015b-002.

25 ²⁵ March 26, 2013 Trial Transcript at 54:5-12

1 stopped smoking in the 1970s.

2 Aside from the Court's determination that Dr. Smith did not adequately rule out smoking
3 as a cause of Mr. Cooper's bladder cancer, there are other portions of Mr. Cooper's medical
4 history which Dr. Smith did not consider. Other medical records that were not reviewed by Dr.
5 Smith (and which therefore did not aid in the formulation of his differential diagnosis) indicate
6 that Mr. Cooper has a history of chronic kidney disease²⁶ and that he experienced skin cancer at
7 various times.²⁷ There is nothing in the record to indicate that Dr. Smith reviewed these records
8 in reaching his differential diagnosis.²⁸ These records in particular are important because if
9 diabetes is a risk factor for bladder cancer, they are a measure of the seriousness of Mr. Cooper's
10 diabetes.

11 Even so, the medical records that Dr. Smith *did* review are limited in time and in scope.
12 Notwithstanding Dr. Brunsting's testimony that Mr. Cooper had been a patient of his for twenty
13 years, the oldest record from Dr. Brunsting in trial exhibit 2047 dates from 2006.²⁹ Exhibit 2047
14 also includes Dr. Brunsting's lab results and progress notes from visits in 2009, 2010, and
15 2011.³⁰

16 Again, an expert physician, evaluating a patient's medical records, would thoroughly
17 study them, note anything of significance, and follow up on every detail necessary to formulate
18

19 ²⁶ March 26, 2013 Trial Transcript at 83:18-84:4

20 ²⁷ See, e.g., trial exhibit 1011-014, record from Dr. Brunsting (noting, *inter alia*, "basal cell carcinoma on left side
21 of nose" on February 20, 2002 and "basal cell carcinoma on right shin" on November 16, 2009); trial exhibit 006-
22 00005, progress note of September 19, 2012 (indicating "history of basal cell carcinoma of the skin"); trial exhibit
006-00046, progress note of October 18, 2012 (also indicating "history of basal cell carcinoma of the skin").

23 ²⁸ The mere fact that Dr. Smith testified at trial that he was "aware" of the record reflecting that Mr. Cooper was
24 diagnosed with "moderate emphysema" does not indicate that Dr. Smith actually considered exhibit 1015b-002 as
part of his review of Mr. Cooper's medical records.

25 ²⁹ Trial exhibit JC-22-000001-000006

³⁰ Trial exhibit JC-07-000012-07-000014; JC-07-000196-JC-07-000216.

1 an accurate diagnosis. Once the expert realized that the records were incomplete, the expert
2 would require records going back, if possible, to the 1970s. Reviewing medical histories taken
3 during this time period could provide a definitive answer as to when Mr. Cooper stopped
4 smoking, as well as other possible environmental exposures. Instead, Dr. Smith either did not
5 notice the time limitations of the medical records or assumed the records would show no
6 exposure. This is speculation and any such opinion would necessarily be based on a leap of logic
7 or conjecture.

8 At both the §402 hearing and at trial, Dr. Smith, when stating the basis for his differential
9 diagnosis, did not discuss the risk factors of age, race and gender, saying that these were not risk
10 factors, but rather “demographics.” However, at Dr. Smith’s deposition, he stated differently,
11 indicating that all three were indeed risk factors:

12 Q. Doctor, other risk factors for bladder cancer include being over the age of 60,
13 correct?

14 A. Yes.

15 Q. Being a male, correct?

16 A. Yes.

17 Q And being white?

18 A. Yes.³¹

19 Dr. Smith provided no justification for his change of opinion, nor did he provide any
20 study, any research paper, or any basis whatsoever for his elimination of these patient-specific
21 three risk factors from his differential diagnosis.

22 At his deposition, Dr. Smith avoided considering the severity of Mr. Cooper’s diabetes by
23 simply indicating it was not a risk factor because of unspecified “conflicting studies”:
24

25 ³¹ Deposition of Dr. Norm Smith at 40:2-8.

1 Q. Okay. By the way, do you – do you consider diabetes itself to be a risk factor
2 for bladder cancer?

3 A. I don't.

4 Q. Okay. Why not?

5 A. You know, I think that the evidence for it is just not strong enough in my mind.

6 Q. Okay. There is some – there are some studies that have come to that
7 conclusion?

8 A. There are some, yeah.

9 Q. Okay. What is it about that body of – you know, there has been about 20
10 papers now on the topic. Are you aware of that?

11 A. I wouldn't be able to give you an exact count but . . .

12 Q. But there has been a number?

13 A. But there are definitely various studies. But I think that, you know, they're
14 conflicting to a degree.

15 Q. When you say they're conflicting, what do you mean?

16 A. Some find that there is an association, others don't find that. There's you
17 know, papers. The methodology of them are different. And, again, I haven't
18 reviewed this for a while but when we were reviewing it for our paper, it's – it
19 struck me that I didn't consider it a risk factor.³²

20 Dr. Smith has ruled out diabetes as a risk factor without citing any study, and without
21 differentiating or identifying which conflicting studies he based his opinion on, or identifying
22 even one study that supports his view. A competent expert who claims a foundation for
23 evaluating general causation by critically analyzing research studies cannot throw up his hands
24 and declare "no opinion" because the studies are conflicting. More importantly, as will be
25 discussed *infra*, the very epidemiological studies upon which Dr. Smith relies for his Actos

³² Deposition of Dr. Norm Smith at 73:16 - 74:18

1 causation opinion treat the level of the underlying diabetes as a cause of bladder cancer.³³

2 The epidemiological studies relied on by Dr. Smith are further emblematic of the
3 problems with Dr. Smith's differential diagnosis. Putting aside the issue of whether
4 epidemiological studies can generally be utilized as a basis for a differential diagnosis, Dr.
5 Smith's reliance on the KPNC nested case control study³⁴ as a basis for his diagnosis is
6 problematic. The authors of the study cautioned against use of the data in the study for making
7 risk assessments, as Dr. Smith himself acknowledged.³⁵

8 Another example of the flaw in Dr. Smith's reliance on medical literature as a basis for
9 his differential diagnosis is illustrated through the study entitled "Association Between Longer
10 Therapy with Thiazolidinediones and Risk of Bladder Cancer: A Cohort Study", Ronac
11 Mamtani, et al. ("the Mamtani Study"),³⁶ published in the Journal of the American Cancer
12 Institute. Dr. Smith testified during his §402 hearing that the article concludes that five (5) years
13 of Thiazolidinedione ("TZD") use increases the risk of bladder cancer.³⁷ Because Mr. Cooper
14 used Actos for "slightly more than five years,"³⁸ and ingested "50-plus thousand milligrams
15 cumulative dose greater than five years that has a hazard ratio of almost seven," Dr. Smith
16 testified "that's really what is formative of the opinion that Actos caused bladder cancer for Mr.
17 Cooper."³⁹ Critically, however, Dr. Smith testified during the §402 hearing that he did not

19 ³³ March 26, 2013 Trial Transcript at 85:1 – 86:6

20 ³⁴ Master Exhibit 504.

21 ³⁵ March 26, 2013 Trial Transcript at 74:20-75:10; March 18, 2013 §402 Hearing Transcript at 102:07-104:27.

22 ³⁶ Trial exhibit 677.

23 ³⁷ March 18, 2013 §402 Hearing Transcript at 44:14-16.

24 ³⁸ March 18, 2013 §402 Hearing Transcript at 44:22-24.

25 ³⁹ March 18, 2013 §402 Hearing Transcript at 53:3-5.

1 receive the Mamtani article until February 2013 – a date *subsequent* to his deposition.⁴⁰ Under
2 such circumstances, Dr. Smith cannot base his specific causation opinion on the Mamtani article.
3 See CCP §2034.260; *Kennemur v. State* (1982) 133 Cal.App.3d 907; *Bonds v. Roy* (1999) 20
4 Cal.4th 140, 148-149.⁴¹

5 Other studies upon which Dr. Smith relied in forming his specific causation opinion are
6 also flawed. Dr. Smith, as a general matter, admitted during the §402 hearing that: 1) “when
7 conducting an epidemiological study, scientists go about before they begin the study to identify
8 what the primary [and] secondary endpoints of that study are going to be”; and 2) “secondary
9 end point data is data that must be viewed with caution.”⁴² However, notwithstanding that
10 testimony, Dr. Smith’s opinions were primarily based on such secondary endpoint data.

11 Further, Dr. Smith was questioned at the §402 hearing as to three additional studies: 1)
12 “Secondary Prevention of Macrovascular Events in Patients with Type 2 Diabetes in the
13 PROactive Study (PROspective Pioglitazone Clinical Trial in macroVascular Events): A
14 Randomized Controlled Trial,” by Dormandy, J., et al. (the “PROactive Study” or the
15 “Dormandy Study”)⁴³; 2) “Risk of Bladder Cancer Among Diabetic Patients Treated With

16
17 ⁴⁰ March 18, 2013 §402 Hearing Transcript at 129:11-19.

18 ⁴¹ In *Bonds*, the California Supreme Court noted:

19 [T]he statutory scheme as a whole envisions timely disclosure of the general substance of an
20 expert's expected testimony so that the parties may properly prepare for trial. Allowing new and
21 unexpected testimony for the first time at trial so long as a party has submitted any expert witness
22 declaration whatsoever is inconsistent with this purpose. We therefore conclude that the exclusion
23 sanction of subdivision (j) applies when a party unreasonably fails to submit an expert witness
24 declaration that fully complies with the content requirements of subdivision (f)(2), including the
25 requirement that the declaration contain “[a] brief narrative statement of the general substance of
the testimony that the expert is expected to give.” (Subd. (f)(2)(B).) This encompasses situations,
like the present one, in which a party has submitted an expert witness declaration, but the narrative
statement fails to disclose the general substance of the testimony the party later wishes to elicit
from the expert at trial. *Bonds v. Roy, supra*, 20 Cal.4th at 148-149.

⁴² March 18, 2013 §402 Hearing Transcript at 94:12-22.

⁴³ Trial exhibit 1568.

1 Pioglitazone,” by Lewis, J., et al. (“the Lewis Paper”)⁴⁴; and 3) “Assessing the Association of
2 Pioglitazone Use and Bladder Cancer Through Drug Adverse Event Reporting,” by Piccini, C.,
3 et al. (the “Piccini Study”).⁴⁵ These studies were reviewed by Dr. Smith prior to his retention as
4 an expert (and constituted “the universe of information” Dr. Smith had prior to his co-authoring
5 the Kiriluk study).⁴⁶ When questioned whether the body of information in those studies “would
6 not allow [him] to conclude that pioglitazone is a cause of bladder cancer,” Dr. Smith stated that
7 it was “indeterminate at that time[.]”⁴⁷

8 During the §402 hearing, Dr. Smith also testified that there were two studies whose
9 primary endpoints were statistically significant (i.e., a positive association in the primary end
10 point)⁴⁸: “The Use of Pioglitazone and the Risk of Bladder Cancer in People with Type 2
11 Diabetes: Nested Case-Control Study”, by Laurent Azoulay, et al. (known as “the Azoulay
12 Study”)⁴⁹, and the study entitled “Pioglitazone and Risk Of Bladder Cancer Among Diabetic
13 Patients In France: A Population-Based Cohort Study”, by A. Neumann, et al. This latter study
14 is alternatively known as the “Neumann Study” and the “French Study.”⁵⁰

15 The Neumann Study, which frames itself as a cohort study, concludes that “[i]n this
16 cohort of diabetic patients from France, pioglitazone exposure was significantly associated with
17
18

19 ⁴⁴ Trial exhibit 1606.

20 ⁴⁵ Trial exhibit 685.

21 ⁴⁶ March 18, 2013 §402 Hearing Transcript at 96:16-97:24.

22 ⁴⁷ March 18, 2013 §402 Hearing Transcript at 99:1-4.

23 ⁴⁸ March 18, 2013 §402 Hearing Transcript at 94:23-95:5.

24 ⁴⁹ Trial exhibit 691.

25 ⁵⁰ Trial exhibit 686.

1 increased risk of bladder cancer.”⁵¹ However, as Dr. Smith admitted during his trial testimony,
2 the study was originally done involving approximately 170,000 people.⁵² Dr. Smith further
3 admitted that when the authors did the full study, they were unable to find a statistically elevated
4 risk in the primary end point for bladder cancer and Actos.⁵³ Dr. Smith admitted that when the
5 authors of the Neumann study looked at the data, they dropped 250,000 people from the study.⁵⁴
6 Dr. Smith further admitted that such a post hoc rejection of data by investigators undisclosed to
7 the scientific community is not good science.⁵⁵

8 Even aside from Dr. Smith’s own testimony about the unreliability of the Neumann
9 study, the authors themselves acknowledged “several limitations,” including the fact the study
10 “lacks data on tobacco use, know to be the third main risk factor for bladder cancer after age and
11 male sex[.]”⁵⁶ Further, the authors stated that they did “not report data on the duration of
12 diabetes[.]”⁵⁷

13 The Azoulay Study also suffers from fundamental flaws which the Court wishes to
14 highlight. The Azoulay Study utilized a study cohort, whose incidence rate the authors stated “is
15 consistent with data suggesting an association between type 2 diabetes and an increased risk of
16 bladder cancer.”⁵⁸ Critically, in discussing the limitations of the Azoulay study, the authors
17

18 ⁵¹ Trial exhibit 686 at 1.

19 ⁵² March 18, 2013 §402 Hearing Transcript at 113:11-13.

20 ⁵³ March 18, 2013 §402 Hearing Transcript at 113:14-17.

21 ⁵⁴ March 18, 2013 §402 Hearing Transcript at 113:22-24.

22 ⁵⁵ March 18, 2013 §402 Hearing Transcript at 114:7-14.

23 ⁵⁶ Neumann Study, trial exhibit 686 at 8.

24 ⁵⁷ *Id.*

25 ⁵⁸ Trial exhibit 691 at 3.

1 noted that “[a]nother limitation of the general practice research database is the lack of
2 information on certain risk factors for bladder cancer. These include exposure to arsenic,
3 *occupational exposures, race/ethnicity,* and family history of bladder cancer.”⁵⁹ While the
4 authors stated that “it is unlikely that these variables were differentially distributed between ever
5 users of pioglitazone and ever users of other oral hypoglycaemic agents,” and opined “that the
6 absence of these variables [did not affect] the internal validity of the study,”⁶⁰ the non-
7 consideration of such risk factors pose significant limitations of the study. Moreover, while the
8 Azoulay study did identify smoking as a variable, the Azoulay study did not control for smoking,
9 based on the number of years the subject smoked, when they smoked, or how much they
10 smoked. All of these limitations are problematic with respect to Dr. Smith’s reliance on the
11 Azoulay study in forming a specific causation opinion.
12

13 In the Court’s view, and for the reasons discussed, neither the Neumann study nor the
14 Azoulay study (which, again, were the only two studies relied on by Dr. Smith whose primary
15 endpoints were statistically significant) serve as “reasonable [bases]” for Dr. Smith’s specific
16 causation opinion. *Sargon, supra*, 55 Cal.4th at 772. In other words, these studies do not
17 “actually support” Dr. Smith’s reasoning. *Id.* at 772.
18

19 As discussed *supra*, Dr. Smith testified at deposition that in forming his opinion, he did
20 not rule out the factors of being a white male over the age of 60 – notwithstanding his admission
21 at deposition that these were also risk factors for bladder cancer⁶¹ (and notwithstanding the
22 Neumann study’s identification of age and male sex as the first and second main risk factors for
23

24 ⁵⁹ Trial exhibit 691 at 5.

25 ⁶⁰ Trial exhibit 691 at 5.

⁶¹ December 17, 2012 Deposition Transcript at 40:2-12.

1 bladder cancer, respectively⁶²). He confirmed this during his trial testimony.⁶³ As such, Dr.
2 Smith's contrary opinion, expressed at different points of his testimony that these are not risk
3 factors but are "demographic factors"⁶⁴ is not persuasive, in light of CCP §2034.260 and *Bonds*
4 *v. Roy, supra*, 20 Cal.4th 148-149.

5 To the extent Plaintiffs assert that Dr. Smith's general causation opinion renders reliable
6 (and admissible) his specific causation opinion, the Court is not persuaded. There is nothing in
7 Dr. Smith's deposition transcript, nor anything stated at the §402 hearing or during his trial
8 testimony, which demonstrates that Dr. Smith could disregard the identified risk factors as they
9 specifically relate to Mr. Cooper. Again, a differential diagnosis is a *patient-specific* process. It
10 is evident to the Court that Dr. Smith did *no* patient-specific analysis that satisfies the
11 admissibility standards under Evidence Code §§801 and 802.

12 Moreover, instead of his differential diagnosis being patient specific, based upon a review
13 the patient's medical history, clinical tests, biological and physiological markers, and physical
14 examination of the patient, Dr. Smith rendered a diagnosis based upon speculation, conjecture
15 and leaps of logic. His sole remaining risk factor is not patient-specific, but is instead based
16 upon statistical studies. Dr. Smith's diagnosis would virtually apply to any male, non-smoker
17 who took Actos for more than five years, since he has no physiological or biological markers to
18 distinguish Mr. Cooper's bladder cancer from the myriad of bladder cancer patients he treats
19 with no known causes.

20 In sum, the Court determines that the bases for Dr. Smith's opinion that Actos caused Mr.
21 Cooper's bladder cancer are inherently unreliable. The studies and other information Dr. Smith
22

23 ⁶² Neumann Study, trial exhibit 686 at 8.

24 ⁶³ March 26, 2013 Trial Transcript at 69:16-70:1.

25 ⁶⁴ March 26, 2013 Trial Transcript at 79:6-9.

1 relied on, as outlined *supra* and as discussed thoroughly in Dr. Smith's deposition, the §402
2 hearing, and the trial testimony, do not support Dr. Smith's conclusion that Actos was a specific
3 cause of Mr. Cooper's bladder cancer. *Sargon, supra*, 55 Cal.4th at 772. Since Dr. Smith's
4 specific causation opinion is based on assumptions of fact without sufficient evidentiary support,
5 as well as on speculative or conjectural factors, that opinion has no evidentiary value. *Jennings*
6 *v. Palomar Pomorado Health Systems, Inc., supra*, 114 Cal.App.4th at 1117.

7 In assessing the admissibility of Dr. Smith's opinion on specific causation, the Court
8 emphasizes it is not making a determination as to the weight of that opinion, as *Sargon*
9 commands. *Sargon, supra*, 55 Cal.4th at 772. The only task with which the Court is entrusted is
10 assessing whether his opinion is admissible. To be admissible, it must satisfy the strictures of
11 Evidence Code §801 and 802. In the Court's view, Dr. Smith's specific causation opinion does
12 not satisfy those standards, and on the record before the Court, it must be excluded.

13 14 III.

15 MOTION FOR JUDGMENT OF NONSUIT

16 Standards on Motions for Nonsuit

17 "A nonsuit motion tests the sufficiency of the plaintiff's evidence before the defense is
18 presented.... The granting of a nonsuit motion is warranted when, disregarding conflicting
19 evidence, giving plaintiff's evidence all the value to which it is legally entitled, and indulging in
20 every legitimate inference that may be drawn from the evidence, the trial court determines that
21 there is no sufficiently substantial evidence to support a verdict in plaintiff's favor...." *County*
22 *of Kern v. Sparks* (2007) 149 Cal.App.4th 11, 16.

23 In determining a motion for nonsuit, courts may not weigh evidence or consider witness
24 credibility. *Castaneda v. Olsher* (2007) 41 Cal.4th 1205, 1214.

25 "Only after, and not before, the plaintiff has completed his or her opening statement, or

1 after the presentation of his or her evidence in a trial by jury, the defendant... may move for a
2 judgment of nonsuit.” CCP §581c.

3 Discussion

4 Under California law, “in a personal injury action causation must be proven within a
5 reasonable medical probability based upon competent expert testimony. Mere possibility alone
6 is insufficient to establish a prima facie case.” *Jones v. Ortho Pharma. Corp.* (1985) 163
7 Cal.App.3d 396, 402-403. Specific causation is an element to each of the Plaintiffs’ claims in
8 this litigation.

9 As noted *supra*, the central basis for Takeda’s motion for judgment of nonsuit is
10 premised on the assertions that Dr. Smith’s specific causation opinion is inadmissible, and that
11 without Dr. Smith’s opinion being admissible, Plaintiffs have not presented at trial any
12 additional evidence that Actos specifically caused Plaintiff Jack Cooper’s bladder cancer.

13 Aside from Dr. Smith’s testimony, there is no additional evidence before the Court of
14 specific causation. Given the Court’s finding that Dr. Smith’s specific causation opinion is not
15 admissible, Plaintiffs did not offer evidence at trial to prove their claims. Further, Plaintiff
16 Nancy Cooper’s claim for loss of consortium “is dependent on the existence of a cause of action
17 for tortious injury to [Plaintiff Jack Cooper].” *Hahn v. Mirda* (2007) 147 Cal.App.4th 740, 746;
18 *Taylor v. Elliott Turbomachinery Co., Inc.* (2009) 171 Cal. App. 4th 564, 596 n.16.

19 For these reasons, the Court grants the motion for nonsuit.

21 IV.

22 CONCLUSION AND ORDER

23 For the reasons discussed *supra*, the Court, in its mandated role as a “gatekeeper”
24 pursuant to *Sargon*, finds that Dr. Smith’s specific causation opinion is without foundation, and
25 does not comply with the admissibility standards under Evidence Code §§801 and 802, and

1 California law. Accordingly, Defendants' motion to strike Dr. Smith's opinions on specific
2 causation is granted. The Court, having determined that Dr. Smith's opinion on specific
3 causation is not admissible, grants the motion for judgment of nonsuit. Defendants shall submit
4 a proposed judgment forthwith. Plaintiffs shall have ten (10) days from the receipt of said
5 judgment to object to the form of the judgment.

6
7 Dated: May 1, 2013

8 **KENNETH R. FREEMAN**

9

Kenneth Freeman
10 Judge of the Superior Court
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