

1 TONY WEST
Assistant Attorney General
2 MICHAEL F. HERTZ
Deputy Assistant Attorney General
3 EUGENE M. THIROLF, Director
ANDREW E. CLARK
4 Senior Trial Counsel
Office of Consumer Litigation
5 U.S. Department of Justice
P.O. Box 386
6 Washington, D.C. 20044
(202) 307-0067
7 andrew.clark@usdoj.gov

8 THOMAS P. O'BRIEN
United States Attorney
LEON W. WEIDMAN
9 Assistant United States Attorney
Chief, Civil Division
10 KATHERINE M. HIKIDA
Assistant United States Attorney
11 Cal. Bar No. 153268
Room 7516, Federal Building
12 300 North Los Angeles Street
Los Angeles, California 90012
13 (213) 894-2285
katherine.hikida@usdoj.gov

14 Attorneys for Federal Defendants
KATHLEEN SEBELIUS, Secretary of
15 U.S. Department of Health and Human Services;
MARGARET A. HAMBURG, M.D.,
16 Commissioner of the Food and Drug Administration

17 UNITED STATES DISTRICT COURT
18 FOR THE CENTRAL DISTRICT OF CALIFORNIA
19 SOUTHERN DIVISION

20 VALEANT PHARMACEUTICALS)
INTERNATIONAL,)
21)
Plaintiff,)
22)
v.)
23)
KATHLEEN SEBELIUS, *et al.*,)
24)
Defendants,)
25)
and)
26)
SPEAR PHARMACEUTICALS, INC.)
27)
Intervenor-Defendant.)
28)

No. SA CV 08-00449-AG

**FEDERAL DEFENDANTS'
MEMORANDUM OF POINTS
AND AUTHORITIES IN
SUPPORT OF MOTION FOR
SUMMARY JUDGMENT**

DATE: July 20, 2009
TIME: 10:00 a.m.
COURTROOM: 10D

Hon. Andrew J. Guilford

TABLE OF CONTENTS

Page(s)

1

2

3 TABLE OF AUTHORITIES..... ii

4 GLOSSARY vi

5 BACKGROUND..... 3

6 A. Statutory and Regulatory Background..... 3

7 B. Factual Background. 4

8 1. Valeant’s NDA 4

9 2. Spear’s ANDA. 4

10 3. Post-Litigation Developments. 9

11 ARGUMENT..... 12

12 I. FDA PROPERLY APPROVED SPEAR’S ANDA..... 13

13 A. FDA’s Administrative Decision Is Entitled To

14 Deference. 13

15 B. FDA’s Scientific Judgment Should Be Upheld

16 as a Matter of Law. 14

17 C. FDA Properly Resolved the Debate Between OGD

18 and DDDP..... 17

19 D. FDA Properly Mitigated Dr. Wilkin’s Potential Conflict. . . . 20

20 CONCLUSION..... 25

21

22

23

24

25

26

27

28

TABLE OF AUTHORITIES

FEDERAL CASES

Page(s)

1

2

3

4 *ACLU v. City of Las Vegas,*

5 333 F.3d 1092 (9th Cir. 2003). 13

6 *Adkins v. Trans-Alaska Pipeline Liability Fund,*

7 101 F.3d 86 (9th Cir. 1996). 24

8 *Anderson v. Liberty Lobby, Inc.,*

9 477 U.S. 242 (1986)..... 13

10 *Bristol-Myers Squibb Co. v. Shalala,*

11 91 F.3d 1493 (D.C. Cir. 1996)..... 14

12 *Bristol-Myers Squibb Co. v. Shalala,*

13 923 F. Supp. 212 (D.D.C. 1996)..... 13, 14

14 *Camp v. Pitts,*

15 411 U.S. 138 (1973)..... 13

16 *Citizens to Preserve Overton Park, Inc. v. Volpe,*

17 401 U.S. 402 (1971)..... 13

18 *Ethyl Corp. v. EPA,*

19 541 F.2d 1 (D.C. Cir. 1976)..... 14

20 *Federal Power Commission v. Florida Power & Light Co.,*

21 404 U.S. 453 (1972)..... 13

22 *Federal Power Commission v. Idaho Power Co.,*

23 344 U.S. 17 (1952)..... 19

24 *Fisons Corp. v. Shalala,*

25 860 F. Supp. 859 (D.D.C. 1994)..... 14

26

27

28

1 *Glaxo Group v. Leavitt*,
 2 AMD 06-469 (D. Md., Mar. 6, 2006) 14
 3 *Henley v. FDA*,
 4 77 F.3d 616 (2d Cir. 1996). 14
 5 *Homemakers North Shore, Inc. v. Bowen*,
 6 832 F.2d 408 (7th Cir. 1987). 18
 7 *International Fabricare Institute v. EPA*,
 8 972 F.2d 384 (D.C. Cir. 1992). 14
 9 *Lands Council v. McNair*,
 10 537 F.3d 981 (9th Cir. 2008). 24
 11 *PATCO v. FLRA*,
 12 685 F.2d 547 (D.C. Cir. 1982). 20
 13 *Public Citizen Health Research Group v. FDA*,
 14 740 F.2d 21 (D.C. Cir. 1984). 18
 15 *SEC v. Chenery Corp.*,
 16 332 U.S. 194 (1947). 18
 17 *Schering Corp. v. FDA*,
 18 51 F.3d 390 (3d Cir. 1995). 14
 19 *Schering Corp. v. Sullivan*,
 20 782 F. Supp. 645 (D.D.C. 1992). 14
 21 *Serono Laboratories, Inc. v. Shalala*,
 22 158 F.3d 1313 (D.C. Cir. 1998). 14, 17, 18
 23 *Somerset Pharmaceuticals, Inc. v. Shalala*,
 24 973 F. Supp. 443 (D. Del. 1997). 14
 25
 26
 27
 28

1 *Southwestern Pennsylvania Growth Alliance v. Browner*,
 2 121 F.3d 106 (3d Cir. 1997). 13
 3 *Southwest Sunsites, Inc. v. FTC*,
 4 785 F.2d 1431 (9th Cir. 1986). 20
 5 *Triton Energy Corp. v. Square D Co.*,
 6 68 F.3d 1216 (9th Cir. 1995). 13
 7 *Troy Corp. v. Browner*,
 8 120 F.3d 277 (D.C. Cir. 1997). 14
 9 *Vermont Yankee Nuclear Power Corp. v. Natural Resources Defense Council Inc.*,
 10 435 U.S. 519 (1978). 24
 11 *Warner Lambert Co. v. Shalala*,
 12 202 F.3d 326 (D.C. Cir. 2000). 14
 13 *Wilderness Society v. Tyrrel*,
 14 918 F.2d 813 (9th Cir. 1990). 24

15
 16 **STATUTES**

17 5 U.S.C. § 706(2). 13
 18 21 U.S.C. § 355. 3
 19 21 U.S.C. § 355(a). 3
 20 21 U.S.C. § 355(b). 3
 21 21 U.S.C. § 355(j). 3
 22 21 U.S.C. § 355(j)(2)(A)(iv). 3
 23 21 U.S.C. § 355(j)(4). 16
 24 21 U.S.C. § 355(j)(4)(F). 3
 25 21 U.S.C. § 355(j)(8)(B)(i). 3, 15
 26 21 U.S.C. § 355(j)(8)(C). 3, 15
 27 35 U.S.C. § 156. 3

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

35 U.S.C. § 271..... 3

35 U.S.C. § 282..... 3

REGULATIONS

21 C.F.R. § 314.94(a)(7)..... 3

21 C.F.R. § 314.127(a)(6)(i)..... 3

21 C.F.R. § 320.1(e)..... 4, 15

21 C.F.R. § 320.24(b)(4)..... 15

RULES

Fed. R. Civ. P. 56(c). 12

Glossary

AK	Actinic keratoses
ANDA	Abbreviated New Drug Application
APA	Administrative Procedure Act
AR	Administrative Record
BE	Bioequivalence
CDER	Center for Drug Evaluation and Research
CP	Citizen Petition
DDDP	Division of Dermatologic and Dental Products
FDA	Food and Drug Administration
FDCA	Federal Food, Drug, and Cosmetic Act
5-FU	5-Fluorouracil, 5%
HHS	Department of Health and Human Services
ODE III	Office of Drug Evaluation III
OGD	Office of Generic Drugs
PI	Preliminary Injunction
sBCC	Superficial Basal Cell Carcinoma
TRO	Temporary Restraining Order

1 At issue in this case is the approval by the Food and Drug Administration
2 (“FDA”) of a generic version of fluorouracil 5% (hereafter “5-FU”), a topical
3 cream commonly used for treating multiple actinic keratoses (“AK”), a pre-
4 cancerous skin growth caused by excessive sun exposure, and more rarely used to
5 treat certain superficial basal cell carcinomas (“sBCC”). Plaintiff Valeant
6 Pharmaceuticals International (“Valeant”) manufactures the pioneer (or innovator)
7 version of 5-FU and markets it under the brand name Efudex®.

8 FDA approved Spear Pharmaceuticals, Inc.’s (“Spear”) abbreviated new
9 drug application (“ANDA”) for a generic version of 5-FU on April 11, 2008, and
10 reaffirmed that approval on May 30, 2008. Spear’s product, like Valeant’s
11 product, contains 5% of the active ingredient, fluorouracil. There are some
12 differences in inactive ingredients – which is common for generic drugs – but
13 FDA has determined that those differences in formulation do not affect the
14 bioavailability of the active ingredient, and thus the bioequivalence (“BE”) of
15 Spear’s product to Valeant’s product. After consideration of challenges raised by
16 Valeant and other issues identified by the agency, senior FDA officials and
17 scientists have concluded that Spear adequately demonstrated BE, and that its
18 product has met all applicable statutory and regulatory requirements. Thus, by
19 statute, Spear’s product must be approved.

20 On June 18, 2008, this Court denied Valeant’s motion for a preliminary
21 injunction to enjoin FDA’s approval of Spear’s product. Nevertheless, Valeant
22 persists in its attempt to undo FDA’s approval. Perhaps recognizing that it will
23 not succeed in directly challenging FDA’s scientific conclusions, Valeant alleges
24 that FDA’s decision should be overturned under principles of administrative law
25 because the agency assertedly failed to defer to the views of scientists within its
26 dermatology division. In so arguing, however, Valeant completely disregards the
27 appropriate process that FDA undertook to resolve internal agency disagreement
28 between the Office of Generic Drugs and the dermatology division, which is

1 thoroughly documented in the administrative record, and ignores the agency's
2 lengthy and logical rationale for concluding as a scientific matter that the
3 dermatology division's views on appropriate BE testing were not correct. The
4 Court thus properly rejected this argument the first time Valeant raised it, correctly
5 pointing out that "the authorized decision maker in connection with Spear's
6 original approval was the Office of Generic Drugs, not the dermatologists in the
7 Office of New Drugs, and the authorized decision makers in connection with the
8 reaffirmation of Spear's approval were Drs. Throckmorton, Woodcock, and von
9 Eschenbach." Conclusions of Law (June 18, 2008) ¶ 34, at 28-29.

10 Valeant also alleges that FDA's decision is tainted because Dr. Jonathan
11 Wilkin, who submitted an expert opinion on behalf of Spear's application, had
12 previously signed off on memoranda involving Spear's application while he was
13 the head of the dermatology division. This argument too has already been
14 presented to and rejected by this Court. Indeed, FDA candidly disclosed this
15 potential conflict of interest to the Court and parties, and promptly initiated
16 measures to address it by undertaking the formal reconsideration of Spear's
17 ANDA approval without reference to Dr. Wilkin's opinion. As this Court
18 observed, FDA took the "responsible course of action" by seeking a stay of
19 proceedings in order to "assess the effect" of the potential conflict and "determine
20 whether any additional scientific data were needed in support of Spear's ANDA
21 approval." *Id.* ¶ 40, at 30. The agency's actions were fully sufficient to ensure the
22 integrity of its decision making. Contrary to Valeant's suggestion, FDA was
23 under no legal obligation to involve "new" agency personnel in the
24 reconsideration process, as this Court has already held." *Id.* ¶ 41, at 31.

25 Thus, as the Court made clear in denying Valeant's bid for preliminary
26 injunctive relief, FDA's decision to approve Spear's ANDA falls squarely within
27 the agency's scientific and technical expertise, and the agency has taken ample
28 precautionary measures to ensure the integrity of its decision. Because there are

1 no material facts in dispute and the administrative record overwhelmingly
2 demonstrates that the agency's decision was not arbitrary, capricious, or contrary
3 to law, it should be upheld as a matter of law.

4 **BACKGROUND**

5 **A. Statutory and Regulatory Background**

6 Under the Federal Food, Drug, and Cosmetic Act ("FDCA"),
7 pharmaceutical companies seeking to market "pioneer" drugs must first obtain
8 FDA approval by filing a new drug application ("NDA") containing extensive
9 scientific data demonstrating the safety and effectiveness of the drug. 21 U.S.C. §
10 355(a), (b). The Drug Price Competition and Patent Term Restoration Act of 1984
11 (known as the "Hatch-Waxman Amendments"), codified at 21 U.S.C. §§ 355 and
12 35 U.S.C. §§ 156, 271, 282, permits manufacturers to submit abbreviated new
13 drug applications ("ANDAs") for approval of generic versions of approved drug
14 products. 21 U.S.C. § 355(j). ANDA applicants generally need not submit
15 clinical data to demonstrate the safety and efficacy of the product, as in an NDA.
16 Rather, an ANDA relies on FDA's previous findings that the product approved
17 under the NDA is safe and effective.

18 In order to obtain FDA approval, an ANDA must include information
19 showing that the generic drug product is bioequivalent to the pioneer drug
20 product. 21 U.S.C. § 355(j)(2)(A)(iv), (j)(4)(F); 21 C.F.R. §§ 314.127(a)(6)(i),
21 314.94(a)(7). A drug is considered to be bioequivalent if "the rate and extent of
22 absorption of the drug do not show a significant difference from the rate and
23 extent of absorption of the listed drug" 21 U.S.C. § 355(j)(8)(B)(i). For
24 drugs not absorbed into the bloodstream (like 5-FU), "the Secretary may establish
25 alternative, scientifically valid methods to show bioequivalence if the alternative
26 methods are expected to detect a significant difference between the drug and the
27 listed drug in safety and therapeutic effect." 21 U.S.C. § 355(j)(8)(C).

28 The FDCA gives FDA significant discretion in determining appropriate

1 methodologies to demonstrate BE, which FDA regulations define as “the absence
2 of a significant difference in the rate and extent to which the active ingredient or
3 active moiety in pharmaceutical equivalents or pharmaceutical alternatives
4 becomes available at the site of drug action when administered at the same molar
5 dose under similar conditions in an appropriately designed study.” 21 C.F.R. §
6 320.1(e). Although the FDCA does not require clinical studies for generic
7 approvals, it has been FDA’s policy to require a clinical study to demonstrate BE
8 for topical drugs such as 5-FU for which there is no suitable pharmacokinetic or
9 pharmacodynamic endpoint, *i.e.*, the amount of active ingredient of the drug
10 cannot be measured in the blood or urine. Administrative Record (“AR”) at 603.

11 **B. Factual Background**

12 **1. Valeant’s NDA**

13 Efudex is a topical cream for the treatment of multiple actinic keratoses
14 (“AK”) and superficial basal cell carcinomas (“sBCC”). In 1970, FDA approved
15 Valeant’s NDA (NDA 16-831) for Efudex Cream, 5%, and Solution, 2% and 5%,
16 for the topical treatment of AK. AKs are pre-cancerous growths in the epidermis
17 and may protrude into the upper dermis. AKs may progress to squamous cell
18 carcinoma. In 1976, FDA approved Efudex Cream, 5%, and Solution, 5%, for the
19 treatment of sBCC when conventional methods are impractical, such as with
20 multiple lesions or difficult treatment sites.

21 **2. Spear’s ANDA**

22 In 1999, Spear submitted a proposed BE clinical study design to FDA’s
23 Office of Generic Drugs (“OGD”). AR 955-71. Spear’s proposed product
24 presented unique regulatory challenges because it was a topical product for use in
25 two different indications, and the active ingredient or active moiety cannot
26 adequately be measured in the blood (or other body fluids). AR 1093. Spear
27 proposed to conduct a clinical BE study for AK, but not sBCC. OGD sought
28 input from another component within the agency, the Division of Dermatologic

1 and Dental Products (“DDDP”) on whether Spear should also be required to do a
2 clinical study for sBCC. AR 947-49.

3 DDDP replied in a consult memorandum dated November 9, 1999. The
4 DDDP stated, *inter alia*, that “[e]fficacy in the primary indication may be
5 extrapolated if a secondary indication has similar pathology and is easier to treat.
6 Although both [AK] and [sBCC] may arise in photodamaged skin, their
7 pathologies are not similar. Moreover, it is unlikely that [sBCC] is any easier to
8 treat than [AK]. It should be noted that although Efudex is available in three
9 formulations (2% and 5% solutions and 5% cream), only the 5% formulations are
10 approved for the treatment of [sBCC].” AR 949.

11 At that time, Dr. Jonathan Wilkin was the director of the DDDP, and his
12 signed initials appear on the November 9, 1999 memorandum from DDDP. AR
13 949. Dr. Wilkin also signed his initials on another consult memorandum from
14 DDDP regarding Spear’s ANDA on January 27, 2000. That memorandum
15 primarily concerned whether Spear should be required to do a placebo arm, and
16 did not involve the issue of whether a clinical BE study should be performed for
17 the sBCC indication. AR 977-82.

18 Spear submitted an ANDA for a generic version of 5-FU on December 22,
19 2004. AR 1084. In accordance with the BE protocol that it had worked out with
20 OGD, which did not include a clinical trial for sBCC (AR 938-39, 950-51, 984-85,
21 992-95), Spear completed the clinical trial for the AK indication and submitted the
22 results as part of its ANDA. Spear’s BE study compared its product to Efudex
23 Cream, 5%, to treat patients with AK in order to show that the Spear formulation
24 did not result in a significant difference in the availability of the active ingredient
25 (5-FU) at the site of action for treating both AK and sBCC. AR 1036-46.

26 On December 21, 2004, Valeant submitted a citizen petition to FDA that
27 questioned the reliability of a single BE study in the treatment of AK, noting that
28 Efudex Cream, 5%, is also approved for sBCC. AR 1-138. Valeant argued that

1 any sponsor for a generic version of 5-FU should be required to do a BE study for
2 sBCC. FDA received multiple comments in support of and opposing this petition.
3 AR 141-583.

4 After Valeant submitted its petition, FDA again considered whether Spear
5 should be required to conduct a BE study for sBCC. AR 1093-1095. This
6 discussion took place within the Center for Drug Evaluation and Research
7 (“CDER”), and included OGD, the Office of Drug Evaluation III (“ODE III”), and
8 DDDP. *Id.* The DDDP is a division within ODE III. *See*
9 <http://www.fda.gov/oc/orgcharts/orgchart.html>. On October 27, 2005, DDDP sent
10 OGD a consult memorandum, recommending “that both AK and sBCC should be
11 studied to yield independent confirmation of bioequivalence for these indications
12 which may be different with regard to kinetic profile needed to achieve efficacy
13 and a determination in one may not be extrapolated to the other.” AR 630.

14 In June 2006, OGD, ODE III, and DDDP met, and reached an apparent
15 consensus that Spear should be required to conduct a BE clinical trial in sBCC,
16 not AK. AR 631-32, 1094. This approach was later revisited, and, in September
17 2006, DDDP was of the view that clinical trials should be conducted in both AK
18 and sBCC. AR 633-35.

19 On February 20, 2007, Dr. Dena Hixon of OGD wrote a consult response
20 memorandum, addressing the issues raised in the citizen petition and the points
21 made by DDDP. AR 636-56. Contrary to DDDP, OGD believed that a study in
22 AK would be sufficient to establish BE for both AK and sBCC. *Id.* Dr. Hixon’s
23 memorandum for OGD refuted each point made by DDDP (AR 653-56),
24 concluding that “there is reasonable scientific evidence that equivalent
25 performance in a clinical endpoint study in AK will also predict equivalent
26 delivery of the drug substance to the site of action for sBCC in the adjoining cell
27 layer. Therefore, there is not a substantial risk that a generic 5-FU cream product
28 showing equivalence in a study of AK would result in a clinical disadvantage

1 compared to the RLD [reference listed drug] when used in the treatment of sBCC
2 when conventional methods of surgical excision are impractical.” AR 653-54.

3 The DDDP responded on March 1, 2007, stating that “[a]ctinic keratoses are
4 not the same disease as superficial basal cell carcinoma. The two diseases have
5 different behaviors and different outcomes.” AR 659. DDDP argued that: (1)
6 OGD was taking a “reductionist approach to regulation of topical drug products”;
7 (2) sBCC and AK “have histopathological differences which translate to different
8 requirements in their treatment with regard to depth of penetration and site of drug
9 action”; (3) sBCC is cancerous and AK is not; (4) sBCC “can evolve into a more
10 invasive cancer and be pleomorphic [*i.e.*, having different forms], thus a
11 demonstration of treatment effect in [AK] cannot be extrapolated to
12 bioequivalence for [sBCC] treatment”; and (5) OGD should reconsider the “one
13 study fits both” approach “when one of the indications in question is a cancer and
14 the other is not.” AR 661.

15 On March 14, 2007, Spear submitted an opinion letter from Dr. Jonathan
16 Wilkin, M.D., who had retired from his position as director of the DDDP. AR
17 1047-49. Dr. Wilkin stated that “[i]t is well known and accepted that the greatest
18 barrier to penetration through the skin is the stratum corneum.” He also noted that
19 sBCC “have little or no barrier to percutaneous penetration, with the disrupted or
20 absent stratum corneum in most presentations.” He concluded that “the
21 substantially greater barrier with AKs provides for an assay with greater
22 sensitivity to detect a subtle, even clinically unimportant, difference between the
23 test and reference products.” AR 1048.

24 Because DDDP disagreed with OGD’s position, Dr. Julie Beitz (as Director
25 of ODE III, of which DDDP is a component) was asked to review the matter. AR
26 1095. After her own independent review of the issues and her own literature
27 search, Dr. Beitz agreed with OGD that a study in AK would be sufficient to
28 establish BE for both AK and sBCC. AR 727-38. She memorialized her decision

1 on December 3, 2007.

2 Dr. Beitz cited numerous reasons for her conclusion, including: (1) Efudex
3 itself had been previously shown to be safe and effective for the treatment of both
4 AK and sBCC; (2) the literature indicates that the sites of action for AK and sBCC
5 are the same (epidermis and upper dermis); (3) “[t]he stratum corneum is the
6 predominant barrier to topical drug delivery for both the epidermis and upper
7 dermis;” (4) “[e]rosion or compromise of the skin in sBCC can result in greater
8 drug exposure than in AK, which typically involves a thickened stratum
9 corneum”; (5) because Efudex cream and solution are both approved for treating
10 sBCC, this “argues against some critical formulation issue that could meaningfully
11 affect the ability of these topical 5-fluorouracil products to deliver drug to the site
12 of action”; (6) Spear’s cream produced complete clearing of AK lesions
13 comparable to Efudex; (7) Spear’s product contains the same active ingredient and
14 Spear’s study had shown that the differences in inactive ingredients do not change
15 the performance; and (8) because Efudex has an 88% clearance rate, a lesser
16 penetration by Spear’s product would have been seen as a lower complete
17 clearance rate for the Spear formulation. AR 736-37.

18 Dr. Beitz reviewed and described the AK and sBCC disease states in detail.
19 She noted DDDP’s statement on September 5, 2006, that, for sBCC, “drug
20 delivery to the various nests of tumor cells will vary depending on the thickness of
21 the tumor, availability of cellular transport mechanisms (such as multi-drug
22 resistance proteins). AKs are less likely to have drug resistance.” AR 735. She
23 also noted DDDP’s subsequent clarification that, “in many cases, sBCCs are
24 characterized by ‘erosions which lead to circumvention of the need for cross skin
25 diffusion to the uppermost layers of tumor,’” and that drug resistance for sBCC
26 was “rare.” AR 735-36. Dr. Beitz concluded that neither AK or sBCC was
27 particularly “difficult to treat,” and rejected Valeant’s argument in its citizen
28 petition that a BE study needed to be done in sBCC as the more “difficult to treat”

1 condition. AR 737-38.

2 FDA approved Spear's ANDA on April 11, 2008, and denied Valeant's
3 citizen petition that same day. The citizen petition response was drawn largely
4 from the rationale independently researched and articulated by Dr. Beitz. AR 599-
5 609.

6 **3. Post-Litigation Developments**

7 Valeant sued FDA on April 25, 2008, seeking a TRO to enjoin FDA's
8 approval of Spear's ANDA. On April 30, 2008, FDA sought a stay in the TRO
9 proceedings to address a potential conflict of interest that agency staff identified
10 while compiling the administrative record. Agency staff realized that Dr. Wilkin,
11 while Director of DDDP from 1994 to 2005, had been involved as a reviewer of a
12 consult regarding Spear's ANDA. Although Dr. Beitz knew that Dr. Wilkin's
13 expert opinion, prepared after he left FDA, had been submitted by Spear to
14 support its ANDA, Dr. Beitz was not aware until after FDA approved Spear's
15 ANDA that Dr. Wilkin had been involved with Spear's application while at the
16 agency. AR 730 n.6. This Court granted the requested stay on May 1, 2008.
17 During the pendency of the stay, Spear agreed to stop marketing its product.

18 Subsequently, FDA identified two additional issues that prompted the
19 agency to issue a formal administrative stay of Spear's ANDA, so that it could
20 fully reconsider the approvability of Spear's ANDA. Those issues were whether
21 Spear should have been required to submit (1) pharmacokinetic data ("PK data")
22 concerning the level of active ingredient that may be absorbed into the blood; and
23 (2) additional clinical efficacy data.

24 Dr. Douglas Throckmorton, M.D., the Deputy Director of CDER, wrote the
25 agency's reconsideration memorandum. Dr. Throckmorton oversees the offices
26 within CDER, including ODE III and OGD. As Deputy Director of CDER, Dr.
27 Throckmorton is the second-highest-ranking official within CDER responsible for
28 reviewing and acting upon applications for the approval of drugs for human use.

1 With respect to the two scientific issues, Dr. Throckmorton concluded that no
2 additional data was needed for approval of Spear's application, based largely on
3 the studies that Spear had already conducted and the nature of the active
4 ingredient, 5-FU. AR 1099-1101.

5 As part of the agency's reconsideration of Spear's application, FDA
6 addressed Dr. Wilkin's potential conflict of interest by, among other things, asking
7 Dr. Beitz to "evaluate whether [she] would have reached the same conclusion as
8 stated in [her] December 3, 2007 decision, even if Dr. Wilkin had not made his
9 March 14, 2007 submission in support of Spear's ANDA." AR 1107. In her
10 analysis, dated May 29, 2008, Dr. Beitz determined that the scientific information
11 presented by Dr. Wilkin was independently supported by references in the record,
12 including references that had previously been submitted to FDA and that she had
13 independently found. AR 1107-08 (citing references at AR 60-86; 412-422; 801-
14 806; 807-814; 815-823; 870-875). Dr. Beitz "unequivocally state[d] that [she]
15 would have reached the same conclusion regarding the approvability of Spear's
16 ANDA even if [she] had not considered Dr. Wilkin's submission." AR 1108.

17 Dr. Throckmorton reviewed the memorandum from Dr. Beitz, and agreed
18 with her conclusion that "the statements made by Dr. Wilkin were based on
19 information that is generally available and could reasonably have been derived
20 from other submitted materials. As a result, omitting Dr. Wilkin's statement from
21 the record does not change the conclusion regarding the approvability of the Spear
22 ANDA." AR 1096.

23 Consistent with the full scope of the agency's administrative reconsideration
24 process, Dr. Throckmorton also evaluated the agency's rationale for not requiring
25 a clinical BE study for the sBCC indication. AR 1096-98. He grouped his
26 conclusions into two different areas related to (1) the use of the single study in AK
27 and (2) the rigor of the BE design used by OGD. AR 1096. As to the first issue,
28 he concluded that "if a study demonstrated efficacy for a topical 5-FU formulation

1 in AK, this would provide assurance that the formulation would also penetrate the
2 skin to be effective in the treatment of sBCC.” AR 1098. Dr. Throckmorton also
3 rejected the argument that an sBCC clinical trial was necessary because sBCC is a
4 cancer and harder to treat, noting that neither condition was especially difficult to
5 treat and that the clearance rate for sBCC is even higher than that for AK. AR
6 1097. In addition, he made several important findings related to arguments made
7 by Valeant and its experts: that the AK clinical trial was designed to lessen the
8 impact of the variability of the disease state; that there was no evidence that sBCC
9 must be treated with a higher concentration of 5-FU; and that “the available data,
10 from the approved label for the Valeant product, suggests that 5% 5-FU is very
11 effective in treating sBCC, even when formulations vary widely in their
12 composition.” AR 1097-98.

13 With respect to the rigor of the BE study, Dr. Throckmorton noted that
14 “[t]he purpose of a bioequivalence test is to detect significant differences in
15 formulations that are intended to have the same effects, rather than to show similar
16 effects for different formulations.” AR 1098. He concluded “that AK was the
17 appropriate disease state to study in a clinical bioequivalence study comparing 5%
18 5-FU creams, as it is the model that is more sensitive at detecting differences in
19 product performance between two formulations of 5-FU cream.” *Id.* He further
20 observed that “[a] bioequivalence study in the treatment of sBCC was not
21 considered to be adequately sensitive to detect product differences, in part because
22 of the longer treatment duration and wider range of treatment durations
23 recommended for this indication.” AR 1099.

24 Dr. Throckmorton also made several findings specific to the test that Spear
25 conducted for AK, noting that the study conducted by Spear was “robust and
26 carefully planned,” and that “FDA (OGD) conducted a thorough analysis of the
27 data from the Spear AK trial, including standardized, rigorous statistical methods
28 to assess bioequivalence, which clearly demonstrated the bioequivalence of the

1 Spear and Valeant products.” AR 1099.

2 Dr. Janet Woodcock., M.D., reviewed Dr. Throckmorton’s memorandum.
3 As Director of CDER, and the immediate supervisor of Dr. Throckmorton, Dr.
4 Woodcock is the highest-ranking official within CDER responsible for reviewing
5 and acting upon applications for the approval of drugs for human use. She
6 concurred with Dr. Throckmorton’s conclusions and recommended that Spear’s
7 approval be reaffirmed. AR 1089-90. Dr. Andrew C. von Eschenbach, M.D.,
8 reaffirmed the approval of Spear’s ANDA, based on Dr. Woodcock’s
9 recommendation and Dr. Throckmorton’s memorandum. AR 1088. At that time,
10 Dr. von Eschenbach was the FDA Commissioner and oversaw the entire agency.

11 On May 31, 2008, one day after FDA issued its reconsideration decision,
12 this Court granted Valeant’s application for a TRO. The Court subsequently
13 extinguished the TRO (and denied a preliminary injunction) on June 18, 2008,
14 after submission of the administrative record, full briefing, and a hearing. Valeant
15 filed an amended complaint on September 17, 2008, seeking a declaratory
16 judgment that FDA’s approval of Spear’s ANDA is unlawful and invalid, and that
17 any review of the ANDA can lawfully be conducted only by agency officials who
18 were not “tainted” by the initial approval or reconsideration of the ANDA, who
19 review the administrative record without regard for Dr. Wilkin’s statement, and
20 who afford “proper deference” to DDDP. For the reasons set forth below,
21 Valeant’s claims are meritless, and FDA’s determination approving Spear’s
22 ANDA and denying Valeant’s citizen petition should be upheld as a matter of law.

23 ARGUMENT

24 This Court may grant a motion for summary judgment if “the pleadings, the
25 discovery and disclosure materials on file, and any affidavits show that there is no
26 genuine issue as to any material fact and that the movant is entitled to judgment as
27 a matter of law.” Fed. R. Civ. P. 56(c). “Only disputes over facts that might affect
28 the outcome of the suit under the governing law will properly preclude the entry of

1 summary judgment. Factual disputes that are irrelevant or unnecessary will not be
2 counted.” *Anderson v. Liberty Lobby, Inc.*, 477 U.S. 242, 248 (1986). “The mere
3 existence of a scintilla of evidence in support of the non-moving party’s position
4 is not sufficient.” *Triton Energy Corp. v. Square D Co.*, 68 F.3d 1216, 1221 (9th
5 Cir. 1995). When cross-motions for summary judgment are at issue, the court
6 “evaluate[s] each motion separately, giving the nonmoving party in each instance
7 the benefit of all reasonable inferences.” *ACLU v. City of Las Vegas*, 333 F.3d
8 1092, 1097 (9th Cir. 2003).

9 **I. FDA PROPERLY APPROVED SPEAR’S ANDA**

10 **A. FDA’s Administrative Decision Is Entitled To Deference**

11 FDA’s administrative decisions are subject to review by the Court under the
12 Administrative Procedure Act (“APA”), and may be disturbed only if “arbitrary,
13 capricious, an abuse of discretion, or otherwise not in accordance with law.” 5
14 U.S.C. § 706(2)(A). This standard is highly deferential to the agency. *Citizens to*
15 *Preserve Overton Park, Inc. v. Volpe*, 401 U.S. 402, 416 (1971). The reviewing
16 court must consider whether the agency’s decision was based upon consideration
17 of the relevant factors and whether there has been a clear error of judgment. *Id.*
18 “The court is not empowered to substitute its judgment for that of the agency.” *Id.*

19 In applying the arbitrary and capricious standard, the court reviews the
20 administrative record assembled by the agency and does not undertake its own fact
21 finding. *See, e.g., Camp v. Pitts*, 411 U.S. 138, 142 (1973). Moreover, when, as
22 here, an agency’s decision is based on evaluation of scientific information within
23 the agency’s area of technical expertise, its decisions are traditionally accorded
24 great deference. *Sw. Pa. Growth Alliance v. Browner*, 121 F.3d 106, 117 (3d Cir.
25 1997); *Bristol-Myers Squibb Co. v. Shalala*, 923 F. Supp. 212, 216 (D.D.C. 1996)
26 (citing *Fed. Power Comm’n v. Fla. Power & Light Co.*, 404 U.S. 453, 463 (1972)).
27 Courts “review scientific judgments of the agency ‘not as the chemist, biologist, or
28 statistician that [they] are qualified neither by training nor experience to be, but as

1 a reviewing court exercising [its] narrowly defined duty of holding agencies to
2 certain minimal standards of rationality.” *Troy Corp. v. Browner*, 120 F.3d 277,
3 283 (D.C. Cir. 1997) (quoting *Ethyl Corp. v. EPA*, 541 F.2d 1, 36 (D.C. Cir.
4 1976)); *see also Int’l Fabricare Inst. v. EPA*, 972 F.2d 384, 389 (D.C. Cir. 1992)
5 (“The rationale for deference is particularly strong when [the agency] is evaluating
6 scientific data within its technical expertise.”).

7 Such deference has repeatedly been applied in cases under the FDCA. *See*,
8 *e.g., Henley v. FDA*, 77 F.3d 616, 621 (2d Cir. 1996) (“FDA possesses the
9 requisite know-how to conduct such [scientific] analyses, by sifting through the
10 scientific evidence to determine the most accurate and up-to-date information
11 regarding a particular drug We therefore defer to its reasonable findings.”);
12 *Schering Corp. v. FDA*, 51 F.3d 390, 399 (3d Cir. 1995) (FDA’s “judgments as to
13 what is required to ascertain the safety and efficacy of drugs fall squarely within
14 the ambit of the FDA’s expertise and merit deference from us.”).¹

15 **B. FDA’s Scientific Judgment Should Be Upheld as a Matter of Law**

16 FDA’s conclusion that a controlled clinical endpoint BE study for AK
17 established BE between Spear’s and Valeant’s 5-FU products is consistent with
18 the statute and regulations, and is not arbitrary and capricious. AR 608, 1096-99.

19
20 ¹ Indeed, courts have uniformly held that scientific determinations as to the
21 appropriate methodology required for approval of a generic drug product falls
22 squarely within the broad discretion of the agency, which Congress has determined is
23 in the best position to make such complex and technical scientific decisions. *See, e.g.,*
24 *Glaxo Group v. Leavitt*, AMD 06-469 (D. Md., Mar. 6, 2006) (Davis, J.) (unpublished
25 opinion) (transcript attached to defendants’ initial TRO brief); *Schering*, 51 F.3d 390;
26 *Schering Corp. v. Sullivan*, 782 F. Supp. 645 (D.D.C. 1992), *vacated as moot sub*
27 *nom. Schering Corp. v. Shalala*, 995 F.2d 1103 (D.C. Cir. 1993); *Somerset Pharms.,*
28 *Inc. v. Shalala*, 973 F. Supp. 443 (D. Del. 1997); *Bristol-Myers*, 923 F. Supp. 212;
Fisons Corp. v. Shalala, 860 F. Supp. 859 (D.D.C. 1994). *See also, e.g., Serono*
Labs., Inc. v. Shalala, 158 F.3d 1313, 1324 (D.C. Cir. 1998); *Warner Lambert Co. v.*
Shalala, 202 F.3d 326, 328 (D.C. Cir. 2000); *Bristol-Myers Squibb Co. v. Shalala*, 91
F.3d 1493, 1499-1500 (D.C. Cir. 1996).

1 Although the FDCA does not require clinical studies, it has been FDA's policy to
2 require a BE study with a clinical endpoint to demonstrate BE for certain topical
3 drugs such as 5-FU cream for which the amount of active ingredient of the drug
4 cannot reliably be measured in the blood or urine, and there is no other reliable,
5 objective measure of the drug's action. AR 603. For such drugs, the FDCA
6 allows FDA to "establish alternative, scientifically valid methods to show
7 bioequivalence if the alternative methods are expected to detect a significant
8 difference between the drug and the listed drug in safety and therapeutic effect."
9 21 U.S.C. § 355(j)(8)(C).²

10 Spear's clinical BE study demonstrated not just that there was no significant
11 difference between the Spear product and the Valeant product in treating AK, but
12 also that Spear's active ingredient was available to the site of action for both the
13 AK and sBCC indications to a comparable extent as Valeant's product (*i.e.*, that
14 Spear's product is bioequivalent to Valeant's product for both indications). AR
15 1098. FDA's regulation at 21 C.F.R. § 320.24(b)(4) provides that such clinical BE
16 studies are particularly appropriate for demonstrating BE for topical products
17 intended to deliver the active moiety locally, such as 5-FU. This method fully
18 meets the statutory BE requirements at 21 U.S.C. § 355(j)(8)(B)(i) and 21 U.S.C. §
19 355(j)(8)(C).

20 FDA's decision to approve Spear's ANDA is also consistent with agency
21 precedent approving generic versions of other topical drugs with more than one
22 indication based on studies that are not specific for each indication. *See, e.g.*, AR
23 602 (noting FDA approval of generic topical corticosteroid drug products for
24

25
26 ² Bioequivalence is defined as "the absence of a significant difference in the
27 rate and extent to which the active ingredient or active moiety in pharmaceutical
28 equivalents or pharmaceutical alternatives becomes available at the site of drug action
when administered at the same molar dose under similar conditions in an appropriately
designed study." 21 C.F.R. § 320.1(e).

1 multiple indications based on pharmacodynamic studies that “provide evidence for
2 the amount of drug entering the skin and thus serve as the basis for comparing
3 drug delivery”).

4 FDA fully documented the scientific bases for its decision throughout the
5 administrative record, including in Dr. Hixon’s February 20, 2007 memorandum,
6 Dr. Beitz’s December 3, 2007 memorandum, the agency’s April 11, 2008 citizen
7 petition response, and Dr. Throckmorton’s May 30, 2008 memorandum upon
8 reconsideration. AR 636-56; 727-38; 599-609; 1091-1125. In particular, Dr.
9 Throckmorton concluded that FDA’s “earlier decision that a single study in AK is
10 adequate to establish bioequivalence for these products is scientifically and
11 procedurally sound.” AR 1096. He described the robustness of the BE study that
12 Spear had performed for the AK indication, and concluded “that AK was the
13 appropriate disease state to study in a clinical bioequivalence study comparing 5%
14 5-FU creams, as it is the model that is more sensitive at detecting differences in
15 product performance between two formulations of 5-FU cream.” *Id.* at 1098-99.
16 His decision cited several reasons for concluding “that Spear has demonstrated
17 that the availability of 5-FU at the site of action for both AK and sBCC from its
18 formulation does not differ significantly from that of the Efudex 5% cream.” AR
19 1098.

20 Once FDA determined that Spear’s product was bioequivalent and had
21 satisfied all other requirements for approval, FDA was required by statute to
22 approve Spear’s ANDA. 21 U.S.C. § 355(j)(4) (“the Secretary *shall* approve an
23 application for a drug unless the Secretary finds . . .”) (emphasis added). Thus,
24 Valeant cannot demonstrate that FDA’s thoroughly reasoned, science-based
25 decision to approve Spear’s ANDA and deny Valeant’s citizen petition was
26 arbitrary and capricious, an abuse of discretion, or otherwise contrary to law.
27 Indeed, at the preliminary injunction stage of this litigation, the Court rejected
28 Valeant’s request that FDA be compelled to suspend its approval of Spear’s

1 ANDA “and to evaluate, using its scientific expertise, certain scientific and
2 medical issues,” because the FDA had already “done just that.” Conclusions of
3 Law (June 18, 2008) ¶ 28, at 26. Nothing that has occurred in the subsequent year
4 can or should alter the Court’s conclusion.³ Because FDA has already thoroughly
5 addressed the scientific and other challenges raised by Valeant, this Court should
6 again decline to “disturb [FDA’s] scientific judgment,” *id.*, and enter judgment for
7 the federal defendants as a matter of law.

8 C. FDA Properly Resolved the Debate Between OGD and DDDP

9 Valeant raises two primary challenges to FDA’s decision in its amended
10 complaint, neither of which has any merit. First, Valeant alleges that FDA’s
11 decision is arbitrary and capricious because FDA did not defer to the opinions of
12 the dermatologists in the DDDP. Am. Compl. ¶ 46. As a matter of administrative
13 law, Valeant asserts that agencies “cannot depart from relying on their own experts
14 . . . and still benefit from deference by the courts.” *Id.* ¶ 44. That proposition is
15 simply incorrect, and utterly disregards this Court’s conclusion of law, citing the
16 *Serono* decision, 158 F.3d at 1321, that courts “owe[] deference to the view of the
17 agency’s authorized decision maker,” and that, “[i]n this case, the authorized
18 decision maker in connection with Spear’s original approval was the Office of
19 Generic Drugs . . . and the authorized decision makers in connection with the
20 reaffirmation of Spear’s approval were Drs. Throckmorton, Woodcock, and von
21 Eschenbach.” Conclusions of Law (June 18, 2008) ¶ 34, at 28-29.

22 As *Serono* recognizes, agencies can and must be able to resolve internal
23

24 ³ Although the administrative record is unchanged from a year ago, Valeant has
25 sought leave to take limited discovery and supplement the record with additional
26 documents. FDA and Spear have opposed Valeant’s motion, which is currently
27 pending before Magistrate Judge Alicia Rosenberg. Even if Valeant were to obtain
28 any of the relief it seeks, however, it would provide no basis for overturning FDA’s
scientific decision – which is based upon unassailable factors and fully supported by
the already-voluminous record.

1 disagreement and the final decision of the authorized decision maker is entitled to
2 deference, notwithstanding internal dissent, including dissent expressed by other
3 scientific experts within the agency. In *Serono*, the court of appeals reversed the
4 district court's grant of a preliminary injunction, noting that "disagreement among
5 FDA chemists" on the scientific issue does not diminish the deference owed to the
6 authorized decision maker. *Serono*, 158 F.3d at 1321. So too, here, the fact that
7 agency scientists disagreed among themselves concerning the appropriateness of a
8 single AK trial for determining BE does not render the agency's conclusion
9 arbitrary and capricious or contrary to law. *Serono*, 158 F.3d at 1320-21; *Pub.*
10 *Citizen Health Research Group v. FDA*, 740 F.2d 21, 29-30 (D.C. Cir. 1984)
11 (court would not bind Secretary to the advice and recommendations of his
12 subordinates and advisory committees); *Homemakers N. Shore, Inc. v. Bowen*, 832
13 F.2d 408, 413 (7th Cir. 1987) ("The Secretary's position' is the position of the
14 Department as an entity, and the fact that people in the chain of command have
15 expressed divergent views does not diminish the effect of the agency's resolution
16 of those disputes.").

17 Valeant does not and cannot reasonably argue that dermatologists in the
18 DDDP were the authorized decision makers.⁴ Authority for approval of generic
19

20 ⁴ Nor were all of the DDDP personnel involved with the consult on Spear's
21 ANDA actually dermatologists. In fact, the physician who drafted the response first
22 articulating DDDP's view that a clinical trial should be required for the sBCC
23 indication is a certified immunologist, but not a dermatologist. See AR 947-49
24 (consult memorandum from Dr. Hon Sum Ko). In any event, Valeant's request that
25 FDA be directed to "properly consider the conclusions of, and afford proper deference
26 to" DDDP would usurp the agency's Congressionally-directed role as the scientific
27 decision maker for the approval of generic drugs. While a remand to consider
28 DDDP's views might have been warranted had FDA failed to initially consider those
views, the remand that Valeant seeks goes much further, and would "propel the court
into the domain which Congress has set aside exclusively for the administrative
agency." *SEC v. Chenery Corp.*, 332 U.S. 194, 196 (1947). "The Court, it is true, has
power 'to affirm, modify, or set aside' the order of the Commission 'in whole or in

1 drugs is vested in the Office of Generic Drugs (OGD), which has expertise in
2 interpreting and applying the BE requirements imposed by statute and regulation.
3 See http://www.fda.gov/smg/vol2/1410/1410_104.html;
4 http://www.fda.gov/smg/vol2/1410/1410_10.html (delegations of agency
5 authority). OGD appropriately sought input from DDDP in resolving whether a
6 single AK study would be sufficient. OGD disagreed with DDDP's views, and, as
7 this Court has already found, "there was a spirited scientific debate" that was
8 resolved by Dr. Beitz, "an oncologist and internist in the Office of New Drugs and
9 the supervisor of the dermatologists." Conclusions of Law ¶ 33, at 28.⁵ OGD was
10 not bound to accept DDDP's views on BE, particularly when those views were
11 rejected by the supervisory component over DDDP.

12 In Dr. Beitz's December 3, 2007 memorandum, she reviewed and described
13 the AK and sBCC disease states in detail, and cited numerous reasons for her
14 conclusion that a single AK study would suffice to demonstrate BE between
15 Spear's and Valeant's products. See AR 736-37 & text *supra* at 8 (summarizing
16 reasons). Her memorandum thus dispels any claim by Valeant that FDA failed
17 adequately to consider the views of its scientists in the DDDP.

18 FDA's decision makers fully addressed the points raised by DDDP and
19 explained the agency's ultimate disagreement with those views as a scientific
20 matter. The agency's decision – subsequently reaffirmed by Drs. Throckmorton,
21 Woodcock, and then-Commissioner von Eschenbach and articulated at great
22

23
24 part.'... But that authority is not power to exercise an essentially administrative
25 function." *Fed. Power Comm'n v. Idaho Power Co.*, 344 U.S. 17, 21 (1952).

26 ⁵ Dr. Throckmorton, who subsequently reviewed Dr. Beitz' conclusions, is likewise
27 a board-certified internist as well as a nephrologist. Indeed, all of the FDA senior
28 scientists who considered these issues and reaffirmed the approval of Spear's ANDA
are distinguished and eminently qualified physicians.

1 length in the administrative record (AR 599-626, 727-739, 1091-1225) – was in no
2 sense arbitrary or capricious, and merits this Court’s continued deference.

3 **D. FDA Properly Mitigated Dr. Wilkin’s Potential Conflict**

4 Secondly, Valeant alleges that FDA’s decision to approve Spear’s ANDA is
5 tainted because FDA originally relied on an assertedly improper submission from
6 Dr. Wilkin, and then failed to adequately mitigate the effect of that submission
7 during the reconsideration process. Am. Compl. ¶¶ 47-61. In an analogous
8 context, when plaintiffs alleged that an agency’s decision should be voided by an
9 improper ex parte communication, the Ninth Circuit considered whether the
10 “agency’s decisionmaking process was irrevocably tainted so as to make the
11 ultimate judgment of the agency unfair, either to an innocent party or to the public
12 interest that the agency is obliged to protect.” *Sw. Sunsites, Inc. v. FTC*, 785 F.2d
13 1431, 1436 (9th Cir. 1986) (quoting *PATCO v. FLRA*, 685 F.2d 547, 564 (D.C.
14 Cir. 1982)). Relevant considerations include the gravity of the communication,
15 whether the communication may have influenced the decision, whether the party
16 making the communication benefitted from the decision, whether opposing parties
17 knew of the communication and had an opportunity to respond, and whether
18 vacating or remanding the decision would serve a useful purpose. *Id.* The
19 primary concern, however, is “the integrity of the process and the fairness of the
20 result rather than adherence to mechanistic rules.” *Id.*

21 Consistent with these principles, FDA took proper measures to maintain the
22 “integrity of the process” and mitigate the potential conflict of interest that arose
23 from Dr. Wilkin’s submission. As noted, Dr. Julie Beitz, Director of CDER’s
24 Office of Drug Evaluation III (“ODE III”), which oversees the DDDP,⁶ wrote the
25 agency’s decisional memorandum that served as the basis of the agency’s approval
26

27
28 ⁶ ODE III (within the Office of New Drugs) oversees three separate divisions,
including DDDP. See <http://www.fda.gov/cder/cderorg/cder-all.pdf>.

1 of Spear's ANDA and its April 11, 2008 citizen petition response. AR 1095. In
2 her memorandum, she notes that Spear submitted the expert opinion of Dr.
3 Jonathan Wilkin, M.D., to support approval of its ANDA. AR 730 n.6. Dr. Beitz
4 acknowledged that Dr. Wilkin had been the Director of DDDP from 1994 to 2005,
5 but stated her understanding that "Dr. Wilkin does not appear to have been
6 involved in this matter during his tenure at FDA." *Id.* Subsequently, when
7 compiling the administrative record for this case, FDA staff discovered that, in
8 1999 and 2000, Dr. Wilkin *had* reviewed a written response that DDDP had
9 provided in consultation on Spear's application. AR 1107 (referring to consult
10 documents at AR 947-949; 977-982).

11 Although Dr. Wilkin's action did not implicate the integrity of any agency
12 decision maker, FDA took immediate steps to mitigate the potential conflict of
13 interest concerning his submission out of an abundance of caution and to avoid
14 any appearance of impropriety.⁷ Accordingly, Dr. Beitz considered whether she
15 would have reached the same conclusion if she discounted the information
16 provided by Dr. Wilkin. In a memorandum dated May 29, 2008, Dr. Beitz
17 concluded that she could "unequivocally state that I would have reached the same
18 conclusion regarding the approvability of Spear's ANDA even if I had not
19 considered Dr. Wilkin's submission." AR 1108. She found two of his comments
20 of particular relevance. *Id.* at 1107.

21 First, Dr. Wilkin stated that "it is well known and accepted that the greatest
22

23
24 ⁷ Apart from its actions with respect to Spear's application, FDA referred the
25 Wilkin matter to its ethics office to determine whether to pursue criminal action
26 against Dr. Wilkin for the potential conflict of interest, which is the only remedy
27 available to the agency for actions taken by former FDA employees. At this Court's
28 invitation, FDA submitted declarations from FDA and HHS officials describing their
determination that no further investigation into the matter was warranted.

1 barrier to penetration through the skin is the stratum corneum.” *Id.* After
2 reviewing the literature, Dr. Beitz agreed that this observation was widely-held,
3 and that the agency had considered that information prior to Dr. Wilkin’s
4 submission. *Id.* (citing references at AR 60-86; 412–22). Second, Dr. Wilkin
5 stated that the stratum corneum is disrupted or absent in sBCC, but may have an
6 abundance of adherent stratum corneum-related material in AK that prevents
7 absorption. Again, Dr. Beitz determined that Dr. Wilkin’s assertion was well
8 supported in the published literature, including in a reference submitted by
9 Valeant in support of its citizen petition well before Spear’s submission of Dr.
10 Wilkin’s opinion to FDA. *Id.* at 1107-08 (citing references at AR 60-86; 412-422;
11 801-806; 807-814; 815-823; 870-875).

12 Notably, Dr. Beitz’s conclusions are entirely consistent with the
13 memorandum written by Dr. Dena Hixon of OGD on February 20, 2007, before
14 Dr. Wilkin submitted his expert opinion. *See Findings of Fact (June 18, 2008)*
15 ¶ 50, at 12. The OGD memorandum noted both that the stratum corneum is
16 considered to be the predominant barrier to topical drug delivery, and that it is
17 thickened for AK. AR 645-46. Dr. Hixon also thoroughly addressed the
18 objections raised by DDDP. *Id.* at 653-66. Thus, Dr. Wilkin’s submission added
19 little new information to the wealth of information already before Dr. Beitz.
20 Moreover, Dr. Wilkin did not support his assertions with references to the
21 literature. Dr. Beitz independently identified and confirmed the scientific bases
22 for her decision, as evidenced by her lengthy memorandum and supporting
23 documentation in the administrative record. AR 727-909; *see also* CP Response,
24 AR 606 (“The Agency’s review of the relevant scientific studies suggests that the
25 thickened stratum corneum in AK could provide a greater barrier to cutaneous
26 penetration of topical 5-FU than the compromised stratum corneum in sBCC.”).
27 Valeant does not even challenge these scientific conclusions, suggesting instead
28 that Dr. Beitz was somehow improperly swayed by Dr. Wilkin, a former FDA

1 employee who had once been *under* her authority. Valeant's speculation has no
2 support in the record, nor has it raised any genuine issue of material fact that Dr.
3 Beitz's decision was based on anything other than her own scientific conclusions.

4 In addition, Dr. Throckmorton considered Dr. Beitz's May 29, 2008,
5 memorandum, and agreed with Dr. Beitz "that the statements made by Dr. Wilkin
6 were based on information that is generally available and could reasonably have
7 been derived from other submitted materials. As a result, omitting Dr. Wilkin's
8 letter from the record does not change the conclusion regarding the approvability
9 of the Spear ANDA." *Id.* at 1096. Dr. Woodcock independently reviewed the
10 matter and concurred with Dr. Throckmorton. *Id.* at 1090. She conveyed her
11 recommendation to the Commissioner, who reaffirmed the approval of Spear's
12 ANDA. *Id.* at 1088.

13 Contrary to Valeant's assertion, FDA did not need to begin the process all
14 over again with officials "who were not tainted by the approval or reaffirmation"
15 of Spear's ANDA. *Am. Compl.* at 18. As this Court has already found, "FDA
16 took the responsible course of action and requested a stay of proceedings in order
17 to assess the effect, if any, of a potential conflict of interest and to determine
18 whether any additional scientific data were needed in support of Spear's ANDA
19 approval." *Conclusions of Law* ¶ 40, at 30. "Furthermore, there is no legal
20 requirement that 'new' agency personnel must be involved in the reconsideration
21 process." *Id.* ¶ 41, at 31. Here, given Dr. Beitz's determination that Dr. Wilkin's
22 comments merely reiterated publicly available information, the thoroughness with
23 which she had independently researched and documented her original decision,
24 and her certainty that she would have reached the same conclusion without his
25 submission, FDA determined that it was not necessary to start the review process
26 from scratch. While Valeant may have desired a different method for addressing
27 that issue, the particular procedure employed by FDA is reasonable, particularly
28 given FDA's limited resources. Requiring FDA to find new personnel to review

1 Spear's ANDA without reference to Dr. Wilkin's submission – a submission
2 containing statements that Valeant has not and cannot challenge from a scientific
3 perspective – would simply divert valuable agency resources from other matters
4 that are more pressing to public health.

5 Moreover, to the extent that Valeant challenges FDA's decisionmaking
6 process in addressing the Dr. Wilkin issue, that challenge must fail. "Courts have
7 limited authority to impose procedural requirements upon a federal agency which
8 seeks to exercise the responsibilities committed to it by Congress. A history of
9 statutory and decisional law cautions 'reviewing courts against engrafting their
10 own notions of proper procedures upon agencies entrusted with substantive
11 functions by Congress.'" *Wilderness Soc'y v. Tyrrel*, 918 F.2d 813, 816 (9th Cir.
12 1990) (quoting *Vt. Yankee Nuclear Power Corp. v. Natural Res. Def. Council Inc.*,
13 435 U.S. 519, 525 (1978)); accord *Adkins v. Trans-Alaska Pipeline Liab. Fund*,
14 101 F.3d 86, 89 (9th Cir. 1996) ("absent constitutional constraints or extremely
15 compelling circumstances, we defer to an administrative agency's fashioning of
16 procedures"). Similarly, in *Lands Council v. McNair*, 537 F.3d 981, 993 (9th Cir.
17 2008), the *en banc* Ninth Circuit reasoned that such deference to an agency's
18 procedures "acknowledges that "[w]e are not free to impose on the agency [our]
19 own notion of which procedures are best or most likely to further some vague,
20 undefined public good." *Id.* (internal quotation marks omitted) (alterations in
21 original).

22 By removing consideration of Dr. Wilkin's submission and ensuring that its
23 conclusion was scientifically sound notwithstanding that submission, FDA took
24 reasonable action to mitigate the potential conflict of interest issue and ensure the
25 integrity of its decisionmaking process, as the record clearly demonstrates.
26 Valeant's attempt to dictate the agency's procedures for addressing this unique
27 situation has no merit.
28

