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9
10 UNITED STATES DISTRICT COURT
11 SOUTHERN DISTRICT OF CALIFORNIA

12 CITY OF BIRMINGHAM RELIEF
13 AND RETIREMENT SYSTEM AND
14 OHIO CARPENTERS' PENSION
FUND, Individually and On Behalf of
All Others Similarly Situated,

15 Plaintiffs,

16 v.

17 ACADIA PHARMACEUTICALS
18 INC., STEPHEN R. DAVIS, and
19 SRDJAN (SERGE) R. STANKOVIC,

20 Defendants.

Case No. 3:21-CV-00762-WQH-NLS
CLASS ACTION

**MEMORANDUM OF POINTS AND
AUTHORITIES IN SUPPORT OF
DEFENDANTS' MOTION TO DISMISS
PLAINTIFFS' AMENDED CLASS
ACTION COMPLAINT FOR
VIOLATIONS OF THE FEDERAL
SECURITIES LAWS**

Date: June 9, 2022
Courtroom: 14B
Judge: Hon. William Q. Hayes

Oral Argument Requested

Demand for Jury Trial

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I. INTRODUCTION

Publicly traded life-sciences companies are frequent targets of shareholder plaintiffs for a simple reason: announcements of clinical-trial results and the U.S. Food and Drug Administration’s (“FDA”) approval or rejection of drug applications often have dramatic and binary impacts on a company’s stock price. These risks and stock-price fluctuations, endemic to the entire pharmaceutical sector and well known to investors, are perfectly illustrated in this case. The Class Period alleged by Plaintiffs begins in September 2019, when Acadia Pharmaceuticals, Inc. (“Acadia” or “the Company”) announced positive clinical-trial results and saw its stock price climb by more than 60%. The Class Period ends in April 2021, when Acadia announced that the FDA had rejected the Company’s pending drug application, and saw its stock price decline by more than 60%. This lawsuit followed soon after.

Plaintiffs accuse Defendants of violating the federal securities laws. But the law requires much more than bad news and a stock drop—which is all that Plaintiffs offer. Their Amended Class Action Complaint for Violations of the Federal Securities Laws (“CAC”)¹ is lengthy, with extended digressions into the complexities of disease diagnosis and treatment, clinical trial design, statistical significance, and the nuances of the FDA regulatory landscape. But as securities fraud cases go, this one is simple. Every fact that Defendants allegedly concealed was fully disclosed to investors; every statement that Plaintiffs allege to be false or misleading was either demonstrably true or not actionable as a matter of law; and there is no allegation in the CAC that even suggests any Defendant intended to deceive investors or acted with reckless disregard of the truth. This case should be dismissed.

Acadia’s primary drug product is pimavanserin, the first and only FDA-approved therapy for hallucinations and delusions associated with dementia caused by Parkinson’s disease (known as Parkinson’s disease psychoses, or “PDP”). After

¹ Citations to “¶ ” are to the CAC. (Dkt. 45.) Citations to “Ex. ” and “Appendix ” are to the Declaration of Peter M. Adams, filed concurrently herewith. Citations and quotations are omitted, and emphasis added, unless otherwise noted.

1 pimavanserin received FDA approval for the treatment of PDP in 2016, Acadia
2 sought to expand pimavanserin's authorized uses to cover a broader range of
3 psychosis-causing diseases. To meet this objective, the Company met with the FDA
4 to discuss the potential uses of pimavanserin beyond PDP, reached agreement with
5 the FDA on the design and objectives of a large "Phase 3" clinical trial, conducted
6 that trial, and submitted the results, with supporting data from two prior clinical trials,
7 in support of a supplemental New Drug Application ("sNDA").

8 At every step in this process, before and during the Class Period, Acadia kept
9 its investors informed of the facts and aware of the risks. The Company fully
10 disclosed the design, objectives, results, and complete data set for each of the clinical
11 trials it submitted in support of its sNDA. It explained the purpose and substance of
12 its communications with the FDA, including its agreement with the FDA that
13 Acadia's studies were sufficient to support submission (but not necessarily approval)
14 of its sNDA. And, most importantly, Acadia prudently and repeatedly cautioned
15 investors that gaining FDA approval for the sNDA was fraught with risk and far from
16 assured.

17 When the FDA rejected the sNDA in April 2021, Acadia and its executives
18 were surprised and disappointed, to put it mildly. Investors were too; hence the sell-
19 off and resulting stock drop. But the sudden realization of a fully disclosed risk is not
20 securities fraud. Nor is it sufficient to allege, after the fact, that a company and its
21 executives knew or should have known that bad news was coming. In other words, a
22 shareholder plaintiff cannot plead "fraud by hindsight." No phrase better describes
23 Plaintiffs' theory in this case, as well as each of the CAC's core allegations.

24 First, Plaintiffs allege that Defendants knew of, and concealed from investors,
25 design flaws in Acadia's clinical trials, as well as disappointing results from those
26 trials, which rendered the FDA's rejection of the sNDA a foregone conclusion. But
27 every detail that Plaintiffs recite about the trial designs and results were publicly
28 disclosed long before Acadia submitted its sNDA. So, Plaintiffs just crib the

1 deficiencies cited by the FDA in its rejection notice and hypothesize that Defendants
2 wasted years and millions of dollars in quixotic pursuit of a drug approval they knew
3 was doomed from the start. The CAC contains no well-plead facts to substantiate this
4 nonsensical theory.

5 Second, the CAC alleges that Acadia's agreement with the FDA regarding the
6 studies it conducted in support of its sNDA was entirely fictitious. In other words,
7 accordingly to Plaintiffs, Acadia publicly disclosed that it had reached an agreement
8 with a federal agency, described the agreement's terms and its documentation
9 (exactly as prescribed by FDA regulations), and informed investors that the
10 agreement was of critical importance to its sNDA—but all the while, no such
11 agreement ever existed. Publicly available evidence of such a brazen scheme would
12 surely be plentiful, *e.g.*, a rebuke or denial from the FDA, or statements from a
13 whistleblower or confidential witness. The CAC offers none, and for good reason; it
14 is Plaintiffs' guesswork, not Acadia's agreement with the FDA, that is cut from whole
15 cloth.

16 Third, Plaintiffs allege that Defendant intentionally lied to investors because
17 they sold Acadia stock during the Class Period. However, the CAC's scant
18 allegations fall short of showing that Acadia's public stock offering or the individual
19 defendants' personal stock sales were unusual or suspicious in any way (they were
20 not). At most, the stock sales suggest only motive and opportunity, which under
21 binding Ninth Circuit law cannot establish a cogent and compelling inference of
22 intent to deceive.

23 The CAC fails to satisfy the particularized pleading requirements of Rule 9(b)
24 and the Private Securities Litigation Reform Act. Plaintiffs have not met their burden
25 to plead three essential elements of their Section 10(b) claim: falsity, scienter, and
26 loss causation. For these reasons, Rule 12(b)(6) requires that the CAC be dismissed.

27 **II. STATEMENT OF FACTS**

28 **A. Defendants**

1 Acadia developed pimavanserin, the first and still-only FDA-approved therapy
 2 for Parkinson’s disease psychoses (“PDP”). (Ex. A at 2.) Pimavanserin (marketed as
 3 NUPLAZID), has also shown promise in treating hallucinations and delusions
 4 associated with dementia caused by other diseases, collectively known as dementia-
 5 related psychoses (“DRP”). (Ex. B at 7.) Davis is Acadia’s CEO and Stankovic is
 6 President and Head of Research and Development. (¶¶23–24.)

7 **B. Pimavanserin: FDA Approval and Potential Expanded Indications**

8 Investors in pharmaceutical companies such as Acadia understand, as the CAC
 9 correctly notes, that “[g]aining FDA approval is no small feat.” (¶65.) Before a new
 10 drug can be sold commercially, the FDA typically requires—as it did for
 11 pimavanserin—that the drug undergo clinical studies involving three successive
 12 phases (Phases 1, 2, and 3) of human testing involving increasingly larger patient
 13 populations. Drug testing is inherently uncertain and only a small percentage of drugs
 14 ultimately gain FDA approval. (Ex. C at 10.) With pimavanserin, Acadia successfully
 15 navigated a 10-year development process and received FDA approval for the
 16 treatment of PDP in April 2016. (Ex. A at 2.)

17 Although pimavanserin is FDA-approved treatment for PDP, there is no
 18 approved treatment for a broader range of dementia caused by other disorders,
 19 including DRP. (¶ 119; Ex. D at 12.) Roughly eight million people in the U.S. suffer
 20 from dementia caused by various disorders, about 30% of whom live with DRP. (¶
 21 127; Ex. E at 17.) DRP carries a poor prognosis and is associated with earlier
 22 placement into nursing homes. (Ex. F at 25.) The underlying causes of DRP are often
 23 difficult to diagnose—the cause often is not known until an autopsy—and the
 24 symptoms and response to treatment are often similar regardless of the underlying
 25 disorder. (¶¶128, 135; Ex. G at 30; Ex. H at 36.) Doctors thus often focus on treating
 26 a patient’s DRP symptoms rather than on pinpointing the underlying cause. (¶125;
 27 Ex. I at 41.)

28 Against this backdrop, Acadia understood that gaining FDA approval of

1 pimavanserin for a broader range of indications would fill a significant unmet need.
 2 (§119; Ex. D at 12.) Indeed, while developing pimavanserin to treat PDP, Acadia also
 3 explored the drug’s use in treating DRP in general—including psychosis caused by
 4 Parkinson’s and Alzheimer’s, among other dementia-causing conditions—through
 5 Phase 2 and Phase 3 clinical studies. (§2; Ex. B at 7.)

6 Gaining FDA approval for pimavanserin for the treatment of broader
 7 indications was, as Acadia consistently warned its investors, far from assured:

8 While pimavanserin has been approved in the U.S. by the FDA for the
 9 treatment of hallucinations and delusions associated with PDP, it has
 10 not been approved by the FDA for any other indications In order
 11 to market pimavanserin for other indications . . . we must obtain
 regulatory approval for each of those indications . . . , and ***we may never***
be able to obtain such approval. . . . (Ex. J at 46).

12 Acadia disclosed this risk to investors because, under the FDA Modernization Act of
 13 1997, the Company would need to submit data from a single well-controlled clinical
 14 investigation and confirmatory evidence demonstrating pimavanserin’s efficacy for
 15 the expanded indications to support a supplemental New Drug Application
 16 (“sNDA”). 21 U.S.C. §355(d). Even then, as the Company repeatedly cautioned
 17 investors, the studies and data that Acadia would use to support its *submission* of an
 18 sNDA might be insufficient to obtain FDA *approval*. 21 C.F.R. 314.10(a); 21 C.F.R.
 19 314.10(f). For example, Acadia warned investors that previous studies had tested
 20 pimavanserin “in a limited number of patients and in limited populations,” and the
 21 Company did not know whether studies with a “larger number of patients and broader
 22 populations w[ould] be consistent with the results from [previous] clinical studies.”
 23 (Ex. K at 55.) In other words, even if the Company successfully completed the
 24 requisite clinical trials and submitted an sNDA, there was still no guarantee that the
 25 FDA would approve pimavanserin for the treatment of DRP or any “indications other
 26 than [] PDP.” (*Id.*)

27 C. The Clinical Studies Supporting Acadia’s sNDA

28 To support pimavanserin’s safety and efficacy in connection with its sNDA,

1 Acadia relied on three clinical studies conducted over nearly a decade.

2 **The 020 Study:** In July 2011, the Company initiated a Phase 3 study to
3 evaluate the efficacy, tolerability, and safety of pimavanserin in patients with PDP
4 (the “020 Study”). (¶45.) This study was the basis for the FDA’s approval of
5 pimavanserin for the treatment of PDP in April 2016. (Ex. A at 3.)

6 **The 019 Study:** In November 2013, Acadia initiated a Phase 2 study (the “019
7 Study”) to evaluate the efficacy and safety of pimavanserin as a treatment for patients
8 with ADP. (¶48.) Three years later, Acadia announced that pimavanserin
9 demonstrated efficacy on its primary endpoint, showing a statistically significant
10 treatment improvement at week six compared to placebo. (¶49; Ex. F at 25.)
11 Pimavanserin also did not impair cognition and had a favorable tolerability profile
12 compared to known adverse effects of current antipsychotics. (Ex. F at 25.)

13 **The HARMONY Study:** In October 2017, building on the promising results
14 from the 019 Study, Acadia announced the start of its Phase 3 HARMONY study.
15 (¶35.) The objective of the HARMONY study was to evaluate the ability of
16 pimavanserin to prevent relapse of psychotic symptoms in a broad range of patients
17 with the most common subtypes of dementia under the umbrella of DRP: dementia
18 caused Alzheimer’s disease and Parkinson’s disease, as well as dementia with Lewy
19 bodies, vascular dementia, and frontotemporal dementia. (Ex. B at 7.) The Company
20 also announced that the FDA had expressed confidence in pimavanserin’s potential
21 to treat DRP by granting the drug “Breakthrough Therapy Designation” for that
22 indication. (Ex. B at 6.)²

23 In September 2019, Acadia announced that HARMONY met its primary and
24 secondary endpoints, demonstrating a highly statistically significant longer time to
25 relapse of psychosis with pimavanserin compared to a placebo. The study’s

26
27 ² Breakthrough Therapy Designation is reserved for “drugs that are intended to treat
28 a serious condition and preliminary clinical evidence indicates that the drug may
demonstrate substantial improvement over available therapy on a clinically
significant endpoint(s).” (Ex. L at 58.)

1 independent data monitoring committee recommended that the study be stopped
 2 early because it met pre-specified stopping criteria based on positive efficacy. (¶¶57,
 3 58, 107; Ex. M at 61.)

4 Acadia publicly disclosed not only the interim and final results of these three
 5 pivotal studies, but also detailed information regarding the studies' designs, dosages,
 6 locations, durations, and the various dementia-causing disorders (PDP, Alzheimer's,
 7 etc.) amongst the patient populations. (¶¶44–58; Ex. N; Ex. F; Ex. O.)

8 **D. The Supplemental New Drug Application**

9 When the Company announced HARMONY's positive results, it stated that it
 10 intended to speak to the FDA about filing an sNDA in 2020. (Ex. M at 61.) But that
 11 was not the first time Acadia discussed an sNDA or the supporting studies with the
 12 FDA. Two years prior, at an End-of-Phase 2 Meeting in mid-2017, the Company
 13 and the FDA prospectively agreed on HARMONY's trial design targeting a broad
 14 DRP population and analyzing that population as a single group; Acadia informed its
 15 investors that this agreement was documented in the FDA's meeting minutes. (Ex. P
 16 at 96.) This agreement with the FDA was not, however, any guarantee that
 17 HARMONY or any broader set of studies and data would suffice to gain final FDA
 18 approval. Indeed, Acadia further disclosed that, per its agreement with the FDA,
 19 HARMONY would have to meet its prespecified primary and secondary endpoints
 20 with persuasive clinical and statistical superiority of pimavanserin over a placebo as
 21 a criteria for establishing efficacy in treating DRP. (Ex. Q at 102; ¶109.)

22 Acadia's meetings with the FDA prior to its submission of the sNDA were not
 23 unusual. Federal law recites that meetings between the FDA and a drug's sponsor
 24 are "useful in resolving questions and issues raised during the course of a clinical
 25 investigation," and specifically states that End-of-Phase-2 meetings are "of
 26 considerable assistance in planning later studies." 21 C.F.R. § 312.47(a)–(b).

27 On May 7, 2020, the Company further informed investors that, during a pre-
 28 sNDA meeting, it had confirmed with the FDA that the results from HARMONY,

1 020, and 019 would support the *submission* of an sNDA—but not necessarily final
 2 *approval*. (Ex. R at 107.) Consistent with its prior risk disclosures, the Company
 3 cautioned investors that its submission of the sNDA did not assure final approval:
 4 “the sNDA will be subject to FDA review to determine whether [it] is adequate to
 5 support approval of pimavanserin for [DRP]. ***Even if a sNDA submission is accepted***
 6 ***for filing by the FDA***, the FDA retains complete discretion in deciding whether or
 7 not to approve a sNDA and ***there is no guarantee that pimavanserin will be***
 8 ***approved*** for the treatment of [DRP].” (Ex. S at 111.)

9 Acadia filed its sNDA on June 15, 2020. (Ex. D at 12.) The FDA accepted the
 10 sNDA on July 20, 2020 (Ex. T at 115), and advised the Company that the FDA had
 11 not identified any potential review issues and was not planning to hold an Advisory
 12 Committee meeting (*id.*; ¶ 127.)

13 **E. The FDA’s Notification of Deficiencies and CRL**

14 Following the FDA’s acceptance of the sNDA, Acadia and its executives
 15 expressed optimism about FDA approval, but continued to warn investors that the
 16 studies and data supporting the sNDA may not prove sufficient. (Ex. J at 46.) As the
 17 market awaited the FDA’s response, analysts also expressed cautious optimism.
 18 Several analysts noted the FDA’s decision to conduct a standard review for the
 19 sNDA, rather than the expected priority review. (Ex. U at 118, Ex. V at 120.) And
 20 one analyst stated that “investors may consider trading strategies to hedge against the
 21 potential near-term downside risk” of a possible 50% share price decline in the event
 22 the FDA rejected Acadia’s sNDA. (Ex. V at 120.)

23 Acadia announced on March 8, 2021, that “the FDA [had] identified
 24 deficiencies that preclude[d] discussion of labeling and post-marketing
 25 requirements/commitments at this time.” The FDA’s notification did not specify the
 26 nature of the deficiencies. (Ex. W at 123; ¶143.)

27 One month later, on April 5, 2021, the Company announced that it had
 28 received a Complete Response Letter (“CRL”) from the FDA. The CRL cited a “lack

1 of statistical significance in some of the subgroups of dementia, and insufficient
 2 numbers of patients with certain less common dementia subtypes” as insufficient
 3 evidence of efficacy supporting approval. The FDA also considered the 019 Study to
 4 not be “adequate and well controlled” because it was a “single center study with no
 5 type I error control of secondary endpoints in which certain protocol deviations
 6 occurred.” (Ex. X at 126; ¶145.)

7 Acadia expressed complete surprise at receiving the CRL, citing the positive
 8 results of HARMONY, the fact that the FDA had agreed to HARMONY’s trial
 9 design—and the lack of any previously expressed concerns from the FDA about
 10 HARMONY, the 020 Study, or the 019 Study. (*Id.*) Analysts were surprised as well.
 11 One analyst maintained, “we still think DRP can work” while declaring that the
 12 magnitude of Acadia’s share price decline “makes no sense to us.” (Ex. Y at 129.)

13 Acadia’s stock price fell following the Company’s March 8 and April 5, 2021,
 14 announcements. (¶¶144, 146.)

15 **F. This Litigation**

16 On the heels of this bad news, shareholder plaintiffs raced to the courthouse to
 17 capitalize on the Company’s stock drops. The initial complaint in this case was filed
 18 on April 19, 2021, just two weeks after Acadia disclosed the CRL. (Dkt. 1.) On
 19 December 10, 2021, Plaintiffs filed their CAC accusing Defendants of violating
 20 Sections 10(b) and 20(a) of the Exchange Act, 15 U.S.C. §§ 78j(b), and Rule 10b-5
 21 promulgated thereunder.

22 **III. LEGAL STANDARDS**

23 To state a claim under Section 10(b) and Rule 10b-5, a plaintiff must plausibly
 24 allege: (1) a material misrepresentation or omission (“falsity”), (2) scienter, (3) a
 25 connection between the misrepresentation or omission and the purchase or sale of a
 26 security, (4) reliance, (5) loss causation, and (6) economic loss. *Curry v. Yelp Inc.*,
 27 875 F.3d 1219, 1224 (9th Cir. 2017). These elements are subject to three significant
 28 hurdles at the pleading phase.

1 First, Plaintiff must meet the Rule 8(a) pleading standard, under which the
 2 Court need not accept unsupported or conclusory allegations, allegations based on
 3 unwarranted deductions or unreasonable inferences, or allegations that contradict
 4 matters properly subject to judicial notice. *Sprewell v. Golden State Warriors*, 266
 5 F.3d 979, 988 (9th Cir. 2001). The Court may consider, however, materials
 6 incorporated by reference in the complaint and other matters subject to judicial
 7 notice. *Zucco Partners, LLC v. Digimarc Corp.*, 552 F.3d 981, 989 (9th Cir. 2009).

8 Second, because fraud allegations harm livelihoods and reputations, *see*
 9 *Kearns v. Ford Motor Co.*, 567 F.3d 1120, 1125 (9th Cir. 2009), Plaintiffs must also
 10 satisfy Rule 9(b)’s heightened pleading requirements, which compel them to “state
 11 with particularity the circumstances constituting fraud [or mistake].” Thus, Plaintiffs
 12 must allege the “who, what, when, where, and how” of the alleged fraudulent
 13 conduct, and “set forth what is false or misleading about a statement, and why it is
 14 false.” *Vess v. Ciba-Geigy Corp. USA*, 317 F.3d 1097, 1106 (9th Cir. 2003).

15 Third, the Complaint must satisfy the Private Securities Litigation Reform Act
 16 (“PSLRA”), which imposed “formidable” pleading hurdles for securities fraud
 17 claims. *Metzler Inv. GMBH v. Corinthian Colleges, Inc.*, 540 F.3d 1049, 1054–55
 18 (9th Cir. 2008). Congress enacted the PSLRA because securities class actions “can
 19 extort a great deal of undeserved settlement money if the courts do not filter out the
 20 unfounded ones early enough to avoid huge litigation expenses.” *Ronconi v. Larkin*,
 21 253 F.3d 423, 428 (9th Cir. 2001).

22 Returning to the elements of Plaintiffs’ Section 10(b) claim, three are pertinent
 23 here—each of which must be alleged with “particularity.” *Oregon Pub. Emps. Ret.*
 24 *Fund v. Apollo Grp. Inc.*, 774 F.3d 598, 605 (9th Cir. 2014).

25 **Falsity**: The PSLRA requires Plaintiffs to identify *specifically* each statement
 26 alleged to have been false or misleading, and to provide the *reasons why* the
 27 statement was false or misleading *when made*. *In re Rigel Pharms, Inc.*, 697 F.3d
 28 869, 876–77 (9th Cir. 2012).

1 **Scienter:** Plaintiffs must also allege facts that give rise to a “*strong* inference”
 2 that Defendants acted with the intent to deceive shareholders or in reckless disregard
 3 of the truth. *Ronconi*, 253 F.3d at 429. A complaint will survive a motion to dismiss
 4 “only if a reasonable person would deem the inference of scienter cogent and at least
 5 as compelling as any opposing [nonculpable] inference one could draw from the facts
 6 alleged.” *Tellabs, Inc. v. Makor Issues & Rts., Ltd.*, 551 U.S. 308, 324 (2007). The
 7 Court “must consider plausible, nonculpable explanations” for Defendants’ conduct,
 8 *id.* at 324–26, as well as the economic plausibility of Plaintiffs’ claims, *Nguyen v.*
 9 *Endologix, Inc.*, 962 F.3d 405, 415–16 (9th Cir. 2020).

10 **Loss Causation:** Finally, Plaintiffs must allege that the Company’s share price
 11 declined because of the Company’s misstatements, and not due to “other intervening
 12 causes, changed investor expectations . . . or other events.” *Erica P. John Fund, Inc.*
 13 *v. Halliburton Co.*, 563 U.S. 804, 812–13 (2011).

14 **IV. PLAINTIFF’S SECTION 10(b) CLAIM FAILS**

15 Plaintiff’s Section 10(b) claim should be dismissed for three separate and
 16 independent reasons: (A) Plaintiffs fail to plead falsity with particularity, (B)
 17 Plaintiffs fail to plead a strong inference of scienter, and (C) Plaintiffs fail to
 18 adequately plead loss causation.

19 **A. Plaintiffs Fail to Plead Falsity With Particularity**

20 Plaintiffs’ theory of fraud rests primarily on Defendants’ alleged knowledge
 21 of and failure to disclose certain “facts”—*i.e.*, supposed design flaws in the 019 Study
 22 and HARMONY, as well as the clinical results from those studies—that rendered
 23 FDA approval of the sNDA unlikely. (See ¶¶73–78, 90.) According to Plaintiffs,
 24 these omissions rendered false or misleading virtually every statement Defendants
 25 made during the Class Period. Plaintiffs are wrong. The CAC does not adequately
 26 plead that any challenged statement was materially false or misleading when made—
 27 and most are not actionable at all.

28 **1. The Challenged Statements Are Not Actionable**

1 The volume of lengthy block quotes in the CAC makes it difficult to discern
 2 which specific statements Plaintiffs are actually challenging. Even so, all of the
 3 statements Plaintiffs appear to challenge are inactionable as a matter of law because
 4 they are: (a) demonstrably true, (b) corporate optimism (or puffery), (c) opinions, or
 5 (d) forward-looking statements accompanied by meaningful cautionary language.

6 ***Demonstrably True Statements:*** A fraud claim cannot arise from statements
 7 that were unquestionably true when made. *See In re Tesla Motors, Inc. Sec. Litig.*,
 8 671 F. App'x 670, 670 (9th Cir. 2016). For example, Defendants made many general
 9 statements about DRP, the market for a drug to treat DRP, and quantitative data from
 10 clinical studies. (*See, e.g.*, ¶134 (“The psychosis that we see [in DRP patients] is very
 11 similar . . . irrespective of the underlying etiology and it responds in a similar way.”);
 12 ¶119 (“2.4 million people in the U.S. . . . suffer from dementia-related hallucinations
 13 and delusions, representing a large unmet need with currently no approved treatment
 14 options.”); ¶127 (“the pivotal Phase 3 HARMONY study . . . met its primary endpoint
 15”); *see also Appendix A.*) These statements are demonstrably true, and Plaintiffs
 16 plead no facts to the contrary. Thus, they cannot support a Section 10(b) claim.

17 ***Statements of Corporate Optimism:*** Many of the challenged statements are
 18 not actionable because they are corporate puffery. *See Police Ret. Sys. of St. Louis v.*
 19 *Intuitive Surgical, Inc.*, 759 F.3d 1051, 1060 (9th Cir. 2014) (holding that “mere
 20 corporate puffery, [such as] vague statements of optimism like ‘good,’ ‘well-
 21 regarded,’ or other feel good monikers, are not actionable”). For example,
 22 Defendants made optimistic descriptions of Acadia’s performance and
 23 pimavanserin’s prospects as a treatment for DRP. (*See, e.g.*, ¶130 (“[w]e are
 24 confident in both the efficacy and safety data supporting our supplemental NDA”);
 25 ¶132 (“[w]e remain just as confident as we’ve ever been in the *potential* for
 26 approval”); ¶138 (“[w]e’re on the cusp of *potential* approval in DRP”); *see also*
 27 **Appendix B.**) But puffing statements, such as these, are inactionable as a matter of
 28

1 law because reasonable investors do not rely them. *In re Cutera Sec. Litig.*, 610 F.3d
2 1103, 1111 (9th Cir. 2010).

3 ***Expressions of Opinion:*** Many of the challenged statements are opinions,
4 which are “generally not actionable” because they (like puffery) are not statements
5 on which a reasonable investor would rely. *Wochos v. Tesla, Inc.*, 985 F.3d 1180,
6 1196 (9th Cir. 2021); *see also Omnicare, Inc. v. Laborers Dist. Council Constr.*
7 *Indus. Pension Fund*, 575 U.S. 175, 184 (2015) (“[T]he words ‘I believe’ themselves
8 admit[] [the] possibility” that the opinion “could later prove . . . erroneous.”).

9 For example, Plaintiffs challenge certain opinions regarding pimavanserin’s
10 *potential* and the market need it could fill *if* the drug gained FDA approval. (*See, e.g.*,
11 ¶132 (“[w]e remain just as confident as we’ve ever been in the *potential* for
12 approval”); ¶138 (“[t]he significant *potential* of pimavanserin . . .”); *see also*
13 **Appendix C**). These statements are inactionable as a matter of law. *See Nguyen v.*
14 *New Link Genetics Corp.*, 297 F. Supp. 3d 472, 488 (S.D.N.Y. 2018) (phrases like
15 “suggests potential,” and “we felt,” are opinions).)

16 Plaintiffs also challenge Defendants’ statements about Acadia’s clinical study
17 results, but “[c]ourts have repeatedly held publicly stated interpretations of [clinical
18 study results] to be opinions because reasonable persons may disagree over how to
19 analyze data and interpret results, and neither lends itself to objective conclusions.”
20 *In re Sanofi Sec. Litig.*, 87 F. Supp. 3d 510, 543 (S.D.N.Y. 2015). This precludes
21 Plaintiffs’ from relying on statements such as “positive HARMONY results” (¶107),
22 clinical data “demonstrating a highly statistically significant longer time to relapse”
23 (*id.*), and a “positive [ADP] study . . . which showed statistically significant reduction
24 in psychotic symptoms” (¶109; *see also Appendix C*).

25 Opinion statements like these are actionable *only* “if they are not honestly
26 believed *and* lack a reasonable basis” in fact. *Smith v. Antares Pharma, Inc.*, 2020
27 WL 2041752, at *5 (D.N.J. Apr. 28, 2020). But the CAC offers nothing—no
28 confidential witness accounts, documents, or any other information—even

1 suggesting that Defendants did not honestly believe their opinions, or that any of their
 2 opinions lacked a factual basis. Simply put, Plaintiffs’ disagreement with
 3 Defendants’ stated opinions regarding the design and results of the 019 and
 4 HARMONY studies does not render those statements actionable. *See Tongue v.*
 5 *Sanofi*, 816 F.3d 199, 214 (2d Cir. 2016) (“Plaintiffs’ allegations regarding
 6 Defendants’ stated opinion about the [] trial results are little more than a dispute
 7 about the proper interpretation of data, a dispute this Court rejected as a basis for
 8 liability”); *see also Biondolillo v. Roche Holding AG*, 2018 WL 4562464, at *5
 9 (D.N.J. Sept. 24, 2018) (“The press release called the [study] results ‘positive,’ but
 10 such interpretations of trial data are matters of opinion.”).

11 ***Forward-Looking Statements:*** Many of the remaining challenged statements
 12 are facially forward-looking and subject to the PSLRA’s “safe harbor.” 15 U.S.C. §
 13 78u-5; *Intuitive Surgical, Inc.*, 759 F.3d at 1059 (forward-looking statements relate
 14 to “future expectations and performance”). Plaintiffs challenge statements such as
 15 “[w]e look forward to speaking with the FDA about a supplemental new drug
 16 application” (¶107); “[w]e look forward to *potentially* bringing this important
 17 treatment advancement to patients, caregivers and physicians” (¶121); and “we look
 18 forward to the *potential* [of] NUPLAZID becoming the first and only approved
 19 treatment for this indication” (¶138; *see also Appendix D*). These statements were
 20 accompanied by meaningful cautionary language. (*See, e.g.*, Ex. M at 63 (warning
 21 that forward-looking statements about HARMONY, the Company’s engagement
 22 with the FDA, and planned timelines regarding the development of pimavanserin for
 23 the treatment of DRP were “only predictions” and that “[a]ctual events or results may
 24 differ materially” from those predictions.)) Further, Acadia’s SEC filings repeatedly
 25 cautioned investors about the risks regarding pimavanserin’s potential to treat DRP
 26 and the uncertainty of FDA approval. (*See Appendix E.*) Finally, the CAC contains
 27 no allegations to show that any forward-looking statement was made with “actual
 28

1 knowledge” that it was “false or misleading” (*see* Section IV.A.2., *supra*). *See*
 2 *Intuitive Surgical, Inc.*, 759 F.3d at 1058; *Cutera*, 610 F.3d at 1111–13.

3 **2. Plaintiffs Fail to Plead That Any Challenged Statement Was**
 4 **False or Misleading When Made**

5 To the extent any of the challenged statements are actionable, Plaintiffs have
 6 not pled with the requisite particularity that any were materially false or misleading
 7 *when made*. In other words, Plaintiffs have not pled “*contemporaneous* statements
 8 or conditions” that are “inconsistent” with any challenged statement. *Rubke v.*
 9 *Capitol Bancorp, Ltd.*, 551 F.3d 1156, 1161 (9th Cir. 2009).

10 **a. Defendants concealed nothing about their clinical**
 11 **studies’ designs, results, or complete data sets**

12 The CAC rests primarily on allegations that Defendants knew but failed to
 13 disclose information that “posed major obstacles to FDA approval” and rendered
 14 FDA approval “extremely unlikely”—specifically, that the designs of the 019 Study
 15 and HARMONY were flawed and the results of both studies were very weak.³ These
 16 allegations cannot overcome two fatal flaws: (1) the information Plaintiffs claim was
 17 concealed was, in fact, *fully disclosed* to investors; and (2) the statements Defendants
 18 made about their studies and data were not misleading in any way.

19 First, Defendants fully disclosed the trial designs and results of every study it
 20 cited in support of its sNDA: 020, 019, and HARMONY. Indeed, Plaintiffs do not
 21 allege that any information regarding the 020 study was concealed (§§45–47), and
 22 their Complaint admits that the Company’s disclosures regarding 019 (§§48–49) and
 23 HARMONY (§§52–58, 61–62) were equally extensive. For example, Acadia
 24

25 ³ *E.g.*, Defendants “knew that [HARMONY] did not effectively take into account the
 26 disparate nature of the individuals that Acadia was seeking approval to treat” (§73);
 27 HARMONY did not contain enough patients in each of the various subgroups of
 28 conditions that cause DRP (§108); Defendants failed to disclose “known
 shortcomings” in the 019 Study, which was “predicated on a single center study with
 no type 1 error control of secondary endpoints in which certain protocol deviations
 occurred” (§§86, 145–46).

1 disclosed that it was “not looking at individual subtypes” in HARMONY (Ex. G at
 2 30; ¶135), but instead focused on DRP as a whole because “subtypes of dementia are
 3 very difficult to diagnose [and] overlap many times,” and “[s]ubtype diagnosis is
 4 very subjective.” (Ex. H at 36; Ex. I at 40; ¶¶125, 128). Accordingly, in designing
 5 HARMONY, the Company included patients from several subgroups, including PDP
 6 patients, because they sought an indication for the treatment of *all* DRP patients. For
 7 the same reason, HARMONY’s primary and secondary endpoints were “prevent[ing]
 8 relapse of psychotic symptoms in a *broad population* of patients” (Ex. B at 7) and
 9 reducing the risk of discontinuation for any reason (Ex. O at 73). The impact among
 10 subgroups was *not* a primary or secondary endpoint—and investors always knew
 11 that.

12 More broadly, *every fact* that Plaintiffs allege was concealed from investors
 13 (¶¶65–71), *i.e.*, the design and results of the HARMONY study, including data
 14 related to the five “most common clinically diagnosed subtypes of dementia”
 15 evaluated in the study (¶¶74–77, 82–83), *and* the design and results of the 019 study
 16 (¶¶86–89) had been *fully disclosed* to investors long before Acadia submitted the
 17 sNDA in June 2020. (Ex. F at 25; Ex. Z at 133–34; Ex. AA at 136; ¶87 (019 study
 18 data set “was presented in full in the *Journal of Prevention on Alzheimer’s Disease*
 19 in August 2018”); ¶62 (“On December 4, 2019, Acadia presented the Harmony
 20 Study’s top-line results” and “released the full data set of the Harmony Study”). In
 21 short, nothing was concealed from investors and analysts. They were fully aware of
 22 019’s and HARMONY’s trial design, top-line results, and clinical data regarding
 23 subgroups, and could interpret that information as they saw fit.

24 Second, Plaintiffs fail to plead with particularity that any of the statements
 25 Defendants made about these studies were materially false or misleading. To be clear,
 26 Section 10(b) does not “create an affirmative duty to disclose any and all material
 27 information.” *Matrixx Initiatives, Inc. v. Siracusano*, 563 U.S. 27, 44–45 (2011).
 28 Rather, disclosure is required “only when necessary to make . . . statements made, in

1 the light of the circumstances under which they were made, not misleading.” *Id.* In
 2 the context of clinical trials, the Ninth Circuit holds that Rule 10b-5 prohibits “*only*
 3 misleading and untrue statements, not statements that are incomplete.” *Brody v.*
 4 *Transitional Hosps. Corp.*, 280 F.3d 997, 1006 (9th Cir. 2002).

5 Against this backdrop, Plaintiffs’ challenges to Defendants’ statements
 6 regarding HARMONY’s design and the data necessary to support a successful sNDA
 7 are insufficient to plead falsity. Notwithstanding Defendants’ full disclosure of their
 8 study designs and data, Plaintiffs allege that Defendants *concealed* that the sNDA—
 9 supported by those same studies and data—was effectively dead on arrival. (*E.g.*, ¶91
 10 (“[B]y any measure, Defendants knew, despite their repeated claims suggesting
 11 otherwise, that the sNDA was doomed.”).) There are no facts plead to support
 12 Plaintiffs’ conjecture. And, regardless, this theory runs headlong into a wall of
 13 precedent: courts have repeatedly dismissed securities-fraud claims premised on
 14 critiques of a drug trial’s design or methodology so long as the company did not
 15 affirmatively misrepresent that design or methodology. *See, e.g., Kleinman v. Elan*
 16 *Corp.*, 706 F.3d 145, 154 (2d Cir. 2013) (allegation that clinical trial “deviated from
 17 the established protocol” was insufficient to allege falsity); *Vallabhaneni v.*
 18 *Endocyte, Inc.*, 2016 WL 51260, at *12, *21 (S.D. Ind. Jan. 4, 2016) (a
 19 “pharmaceutical company does not have a duty to reveal potential flaws to study
 20 design or data analysis methodology”); *In re Keryx Biopharmaceuticals, Inc., Sec.*
 21 *Litig.*, 2014 WL 585658, at *1 (S.D.N.Y. Feb. 14, 2014) (securities laws are not a
 22 “tool to second guess how clinical trials are designed and managed”); *Abely v.*
 23 *Aeterna Zentaris Inc.*, 2013 WL 2399869, at *15 (S.D.N.Y. May 29, 2013)
 24 (allegation that “defendants did not engage in best practices in the design and conduct
 25 of the Phase 2 study” was “insufficient to allege material misstatements or
 26 omissions”).

27 Defendants made no misrepresentations regarding clinical study design or
 28 data. In particular, Defendants never characterized the sufficiency of any particular

dementia subgroups in HARMONY’s design, nor did they specifically discuss the sufficiency of clinical data regarding subgroups. Instead, Defendants made clear to investors that the Company was focused on evaluating pimavanserin as a treatment for DRP *generally* and would *not* focus on subgroups. (Ex. H at 36; ¶128.)

The CAC also presents a quintessential example of pleading “fraud by hindsight.” Most glaringly, Plaintiffs borrow the deficiencies referenced by the FDA in the *April 2021* CRL, and then claim that Defendants must have known of these shortcomings all along. But Plaintiffs plead no contemporaneous facts—*i.e.*, no confidential witness statements or documents or admissions or any other form of particularized evidence—to show that any challenged statement was materially false or misleading *when made*. To the contrary, Defendants had good reason to believe, and did believe, that HARMONY’s design was sufficient, and that the data from all of their clinical studies would support approval of their sNDA. The Company had received assurances from the FDA, at a pre-sNDA meeting, that Acadia’s studies could “support an sNDA *submission* with HARMONY as the pivotal study, and [020 and 019] as supportive efficacy studies.” (Ex. BB at 142; ¶117.) After accepting the sNDA in June 2020, the FDA expressed no concerns regarding the sNDA’s supportive data until issuing its CRL in April 2021. (Ex. E at 17; Ex. X at 126; ¶¶127, 145.)

Put simply, if the CRL alone was enough to allege securities fraud, then the prohibition on pleading fraud by hindsight would be meaningless. “It is easy for Plaintiffs to see what went wrong in hindsight; but that does not make Defendants’ failure to see that problem prior to [its occurrence] fraudulent.” *See Anderson v. Peregrine Pharms., Inc.*, 654 F. App’x 281, 282 (9th Cir. 2016).

b. Plaintiffs cannot engineer falsity by alleging that Acadia’s agreement with the FDA did not exist

The CAC’s allegation that Defendants “fabricate[d] the existence of an agreement with the FDA” (¶¶92, 99–102), is entirely conclusory and unsupported by

1 any well-plead facts. Much more is required to allege falsity under the federal
2 securities laws.

3 As Plaintiffs concede, the FDA may consider data from a single well-
4 controlled clinical investigation to support the submission of an sNDA. (¶¶96–97.)
5 And federal law recommends meetings between a drug’s sponsor and the FDA.
6 Indeed, the Code of Federal Regulations expressly encourages an End-of-Phase-2
7 Meeting, which “should be directed primarily at establishing agreement between
8 FDA and the sponsor of the overall plan for Phase 3 and objectives and design of
9 particular studies.” 21 C.F.R. § 312.47(v). That is precisely what happened here.

10 In accordance with this common process, Acadia obtained the FDA’s consent
11 regarding HARMONY’s trial design and the Company’s plan to use this single, well-
12 controlled study (along with supportive data from its other studies) to support its
13 sNDA. (Ex. P at 96; ¶132.) And throughout the Class Period, Defendants repeatedly
14 and publicly referenced this agreement with the FDA: “The pivotal HARMONY
15 study results will be the basis of the sNDA submission, which was previously agreed
16 upon at the end of Phase II meeting” (Ex. CC at 146); “[A]t the end of Phase II
17 meeting with FDA, we confirmed that for our supplemental NDA submission in
18 DRP, we could rely on a single, well-controlled study whose results were both
19 statistically and clinically very persuasive” (Ex. Q at 102); “The FDA agreed to the
20 HARMONY design—“[t]hat’s documented in our minutes” (Ex. P at 96; *see also*,
21 *e.g.*, Exs. G, H, I; ¶113, ¶125, ¶128, ¶132, ¶135.)

22 Plaintiffs plead no facts to the contrary. Instead, they baldly allege that
23 Defendants lied about the FDA’s consent because there is no *public, written copy* of
24 an agreement with the FDA. (¶92.) It is Plaintiffs’ burden to adequately plead falsity,
25 not Defendants’ burden to disprove their supposition and speculation. Plaintiffs do
26 not identify a single confidential witness, or any other source, discrediting Acadia’s
27 agreement with the FDA. And although Defendants cannot introduce evidence at the
28 pleadings stage—and have no burden to do so—FDA regulations expressly provide

1 that agreements regarding trial design and objectives may be recorded in the minutes
 2 of an End-of-Phase 2 meeting, and that those minutes may serve as a permanent
 3 record of the agreement. *See* 21 C.F.R. § 312.47(b)(1)(v). That is exactly what
 4 Defendants publicly disclosed. (Ex. P at 96; ¶132.)

5 Plaintiffs’ only other allegation, regarding the Special Protocol Assessment
 6 (“SPA”) provisions (¶¶99–103), is a red herring. Defendants never claimed that their
 7 agreement with the FDA was a formal SPA. Regardless, the FDA itself has made
 8 clear that “[t]he existence of an SPA agreement does not guarantee the FDA will
 9 [accept an NDA] . . . or that the trial results will be adequate to support approval.”
 10 (Ex. DD at 150.) In other words, the FDA need not rescind an SPA in order to deny
 11 an NDA—so it is meaningless for Plaintiffs to allege that “it is highly unlikely that
 12 the FDA *sua sponte* rescinded or changed its course” (¶102).

13 Finally, it defies common sense to allege that Defendants would fabricate the
 14 existence of an agreement and then repeatedly tell the public about it—heedless of
 15 the risk that the FDA would, at a minimum, publicly disclaim any such agreement.
 16 Without confidential witness statements or any other evidence even suggesting that
 17 the agreement was a myth, there is only one plausible conclusion: there *was* an
 18 agreement between the FDA and Acadia, and Defendants honestly and reasonably
 19 believed their clinical studies’ designs and resultant data would support their sNDA.
 20 *Cf. Jun Shi v. Ampio Pharms., Inc.*, 2020 WL 5092910, at *5 (N.D. Cal. June 19,
 21 2020) (“[Plaintiffs alleged] that Defendants knew or were deliberately recklessly to
 22 the fact that the [clinical] trial was poorly designed and would not be approved by
 23 the FDA. But the idea that this company, highly dependent on the success of the new
 24 drug, would knowingly or recklessly carry on a defective trial—so that any defects
 25 were not remedied—virtually defies reason.”). The fact that the FDA ultimately
 26 disagreed (and denied the sNDA) does not render Defendants’ prior statements false
 27 or misleading when made.

28 **B. Plaintiffs Fail to Plead a Strong Inference of Scienter**

1 In addition to Plaintiffs’ failure to adequately plead falsity, the CAC should be
 2 dismissed because it does not plead a “strong inference” of scienter. To do so, a
 3 plaintiff “must plead, in *great detail, facts* that constitute *strong* circumstantial
 4 evidence of *deliberately reckless* or *conscious* misconduct.” *In re Silicon Graphics,*
 5 *Inc.*, 183 F.3d 970, 974 (9th Cir. 1999). A complaint will survive dismissal “only if
 6 a reasonable person would deem the inference of scienter *cogent and at least as*
 7 *compelling* as any opposing inference one could draw from the facts alleged.”
 8 *Tellabs*, 551 U.S. at 324. Thus, courts “must consider *all* reasonable inferences to be
 9 drawn from the allegations, including inferences unfavorable to the plaintiffs.”
 10 *Gompper v. VISX, Inc.*, 298 F.3d 893, 897 (9th Cir. 2002).

11 Of the CAC’s 172 paragraphs, only three are dedicated to scienter (¶¶104–
 12 106). Nowhere in those three paragraphs—or anywhere else—is there a single
 13 allegation suggesting that any Defendant intended to deceive investors. Nor is there
 14 anything to indicate that any Defendant knew or believed any fact that contradicted
 15 any statement they made during the Class Period. Also absent are nearly all the usual
 16 hallmarks of scienter—confidential witnesses, admissions, documents inconsistent
 17 with public statements, or other “red flags.” Instead, Plaintiffs’ scienter allegations
 18 consist entirely of (1) Acadia’s follow-on offering of common stock, (2) the
 19 Individual Defendants’ stock sales, and (3) Defendants’ alleged omissions regarding
 20 the designs and results of their clinical studies. But none of these allegations,
 21 individually or collectively, create the required “strong inference” of scienter. And
 22 courts routinely reject far more robust and detailed allegations than those pled here.
 23 *See, e.g., Intuitive Surgical, Inc.*, 759 F.3d at 1062–64; *Zucco*, 552 F.3d at 992–1001.

24 **Acadia’s Follow-On Offering.** Plaintiffs first allege that Acadia “monetized
 25 [its] fraud” in a follow-on public offering by selling 7,187,500 shares of common
 26 stock raising approximately \$217.5 million on or about September 17, 2019. (¶104.)
 27 But allegations of “routine corporate objectives such as the desire to obtain good
 28 financing” cannot, by themselves, raise an inference of scienter. *In re Arrowhead*

1 *Pharms., Inc. Sec. Litig.*, 782 F. App'x 572, 575 (9th Cir. 2019); *Lipton v.*
 2 *Pathogenesis Corp.*, 284 F.3d 1027, 1038 (9th Cir. 2002) (“alleged desire[] to obtain
 3 favorable financing” held inadequate motivation for fraud). Plaintiffs must allege
 4 *particularized* facts “indicat[ing] that Defendants’ motivations were anything other
 5 than routine business objectives.” *In re Regulus Therapeutics Inc. Sec. Litig.*, 406 F.
 6 Supp. 3d 845, 862 (S.D. Cal. 2019). Otherwise, the PSLRA’s scienter bar would
 7 mean nothing: *all* companies have an incentive to raise money, and it is commonly
 8 more efficient to do so in the wake of good news. There was nothing suspicious about
 9 Acadia’s follow-on offering, and Plaintiffs do not plead any facts suggesting the
 10 contrary—much less that it supports a strong inference of scienter.

11 **Individual Defendants’ Stock Sales.** Plaintiffs also make generalized
 12 allegations that Defendants Davis and Stankovic sold stock during the Class Period
 13 (§§105–106), but they fail to “plead *how* the timing of any specific sale by any
 14 specific defendant is *linked* to intentional misrepresentations or omissions or gives
 15 rise to an inference of scienter as to *specific* misstatements or omissions.” *In re*
 16 *LeapFrog Enterprises, Inc. Sec. Litig.*, 527 F. Supp. 2d 1033, 1052 (N.D. Cal. 2007).

17 To start, Plaintiffs allege in conclusory fashion that these sales were “highly
 18 unusual in terms of both their size and timing” (§13) without even attempting to plead
 19 with particularity *why* they were “highly unusual.” It is not enough to allege that the
 20 Individual Defendants sold no stock prior to the Class Period and have sold a
 21 relatively small amount since. (§§105–106.) Tellingly, Plaintiffs do not identify the
 22 date or amount of any of the allegedly suspicious stock sales—much less explain how
 23 the size or timing of any *specific* sale was linked to any *particular* alleged
 24 misrepresentation or omission. At best, Plaintiffs allege “a motive to commit fraud
 25 and [the] opportunity to do so,” which is insufficient to show the requisite strong
 26 inference of scienter. *Zucco*, 552 F.3d at 990–91.

27 Further, as Plaintiffs concede, many of the sales made here were made
 28 pursuant to Rule 10b5-1 plans. (Exs. EE and FF; §§105–106). “[A]utomatic sales

made pursuant to Rule 10b5-1 plans do not support a strong inference of scienter,” *Rodriguez v. Gigamon Inc.*, 325 F. Supp. 3d 1041, 1056 (N.D. Cal. 2018), especially when Plaintiffs offer no particularized allegations suggesting that the timing of these plans was suspicious or unusual. The remaining sales were made solely to cover taxes incurred upon the vesting of restricted stock units. (Exs. EE and FF.)

Acadia’s Clinical Studies. As explained above, Defendants did not omit any material information about the designs of its clinical studies or about the data from those studies. Even so, Plaintiffs’ reliance on alleged omissions to establish scienter requires them to clear a very high bar at the pleadings stage: they “must plead a *highly unreasonable* omission, involving not merely simple, or even inexcusable negligence, but an *extreme departure* from the standards of ordinary care, and which presents a danger of misleading buyers or sellers that is either known to the defendant or is *so obvious* that the actor must have been aware of it.” *Zucco*, 552 F.3d at 991. The CAC does not come close to meeting this standard.

Here, Plaintiffs allege that, in virtually every public statement Defendants made regarding pimavanserin’s potential as a treatment for DRP, they “failed to disclose that known shortcomings in the studies submitted with the sNDA, including disappointing data, posed major obstacles to FDA approval.” (*See, e.g.*, ¶ 112.) This begs the question how “*known* shortcomings” in publicly disclosed study data can be concealed from investors—and in fact, Defendants concealed nothing. Acadia was fully transparent about each study’s design and publicly released quantitative data from all of its studies, including data about dementia subgroups. (*See, e.g.*, Ex. F; Ex. B; Ex. M; Ex. AA; ¶¶45–46, 48–49, 57, 61–62, 107, 111.) Courts have found substantially similar allegations to be inconsistent with common sense and plainly insufficient to establish scienter. *See, e.g., Carr v. Zosano Pharma Corp.*, 2021 WL 3913509, at *8 (N.D. Cal. Sept. 1, 2021) (rejecting allegations that “Defendants omitted important clinical data—namely those concerning the very problems that the FDA later identified in rejecting the [] NDA—when touting the results of Zosano’s

various clinical studies.”); *Colyer v. AcelRx Pharms., Inc.*, 2015 WL 7566809, at *12 (N.D. Cal. Nov. 25, 2015) (no inference of scienter arose from allegations that “Defendants knew about, but actively tried to hide, evidence of [medical device]’s optical system errors, and that Defendants therefore made materially misleading statements about [device]’s likelihood of approval either with intent or with deliberate recklessness”).

Holistic Review. Finally, in conducting a “holistic” review of scienter allegations, “a court must compare the malicious and innocent inferences cognizable from the facts pled in the complaint, and only allow the complaint to survive a motion to dismiss if the malicious inference is at least as compelling as any opposing innocent inference.” *Zucco*, 552 F.3d at 991. Here, the malicious inference Plaintiffs ask the Court to draw is not compelling at all, and far less so than the “innocent inferences cognizable from the facts pled.” *See id.*; *Tellabs*, 551 U.S. at 324. Defendants fully disclosed the design and results of the studies supporting their sNDA, and consistently warned investors that FDA approval of pimavanserin for treating DRP was uncertain. (*See* Section IV.A.2., *supra.*) It was not until the FDA issued its CRL in April 2021 that Defendants were informed of the FDA’s misgivings about the studies and their data. (*See id.*) The only cogent and compelling inference here is that “Defendants honestly believed that [their product] would receive FDA approval but—like all drugs submitted to the FDA—understood that such approval was not guaranteed.” *Colyer*, 2015 WL 7566809, at *14; *see also Carr*, 2021 WL 3913509, at *12 (“[T]he complaint alleges little more than that the FDA ultimately found the [data] material, coupled with Plaintiffs’ conclusory allegation that Defendants must have seen it coming.”).

C. Plaintiffs Fail to Adequately Plead Loss Causation

Finally, Plaintiffs’ allegations do not show that any misrepresentation “caused the loss” for which they seek to recover damages. 15 U.S.C. § 78u-4(b)(4). The loss-causation requirement ensures that the securities laws do not “becom[e] a system of

investor insurance that reimburses investors for any decline in the value of their investments.” *Meyer v. Greene*, 710 F.3d 1189, 1196 (11th Cir. 2013). To satisfy this element, Plaintiffs must allege with particularity that the “misstatement, as opposed to some other fact, foreseeably caused [their] loss.” *Mineworkers’ Pension Scheme v. First Solar Inc.*, 881 F.3d 750, 753 (9th Cir. 2018).

The CAC asserts a causation theory based on market revelation of the fraud (§§143–47, 164–66), which requires Plaintiffs to have pleaded the facts relevant to that theory. *See Curry v. Yelp Inc.*, 875 F.3d 1219, 1225 (9th Cir. 2017). There are no such facts here. Acadia’s press releases of March 8, 2021, and April 5, 2021, revealed, at most, disappointing news. For example, the March 8, 2021, press release disclosed only that the “FDA has identified [unspecified] deficiencies that preclude discussion of labeling and post marketing requirements/commitments *at this time*.” (Ex. W at 123; §§143–144.) There was no *corrective* disclosure by the Company to which the market could have reacted—only the prospective uncertainty that the FDA might not approve the sNDA. Likewise, when Acadia announced the receipt of the CRL on April 5, 2021, there was no disclosure of fraud or the correction of any prior misstatement—only the market’s predictable reaction to the FDA’s rejection of the sNDA. Such allegations do not establish that a misstatement (as opposed to some other factor) caused Plaintiffs’ losses. *See, e.g., Fort Worth Employers’ Ret. Fund v. Biovail Corp.*, 615 F. Supp. 2d 218, 229 (S.D.N.Y. 2009) (“all-but-inevitable” decline in stock price was caused by FDA’s “failure to approve the drug—not by any ‘corrective’ disclosure of some prior untruth”).

V. PLAINTIFF’S SECTION 20(a) CLAIM FAILS

Because Plaintiffs fail to plead a primary violation of Section 10(b), their Section 20(a) claim also fails. *See Lipton v. Pathogenesis Corp.*, 284 F.3d 1027, 1035 n.15 (9th Cir. 2002).

VI. CONCLUSION

For the foregoing reasons, the CAC should be dismissed.

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