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5	DEPOSITION OF RALPH BRADSHAW, Ph.D.		2	Taking Do
3	TUESDAY, JUNE 19, 2007	•	3	commencin
4	EXAMINATION BY:	Page	4	LiveNote,
5	MR. JAGOE	7, 296	5	94105, be
6	MS. CARTER	. 294	6	Reporter
7	EXHIBITS		7	appeared
8	•	Page	В	
9	Exhibit 1 (Contains Amgen Confidentia	11	9	
10	Information Subject to		10	
11	Protective Order) Rebuttal	Report	11	called as
12	of Ralph A. Bradshaw, Ph.I	, 40	12	first dul
13	Exhibit 2 (Contains Amgen Confidentia	al and	13	as hereir
14	Roche Restricted Access		14	
15	Confidential Information E	SLA/IND	15	
16	Material Subject to Protect	tive	16	
17	Order) Rebuttal Report of	Ralph A.	17	
18	Bradshaw, Ph.D. to New		18	
19	Non-Infringement Arguments	Raised in	19	
20	the Rebuttal Reports of De	efendants'	20	
21	Experts	40	21	
22	Exhibit 3 The Amino Acid Sequence of	the	33	
23	y-Subunit of Mouse Submaxi	llary	23	

Gland 7 S Nerve Growth Factor

24

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BE IT REMEMBERED that, pursuant to Notice of eposition, and on TUESDAY, JUNE 19, 2007, ng at the hour of 9:06 a.m., thereof at , 221 Main Street, Suite 1250, San Francisco, CA pefore me, DIANA NOBRIGA, a Certified Shorthand in and for the State of California, personally

RALPH BRADSHAW, Ph.D.,

as a witness by the defendants, who being by me aly sworn, was thereupon examined and testified nafter set forth.

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1	APPEARANCES
2	
3	FOR THE PLAINTIFF AND WITNESS:
4	KRISTA CARTER, ESQ.
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19	ALSO PRESENT: JAKE KROHN, VIDEOGRAPHER
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- 1 his expert report. THE WITNESS: I have no direct knowledge what 2 Amgen did. 3 MR. JAGOE: Q. Well, did you review any Amgen documents? 5 I reviewed -- the only Amgen documents I б Α. reviewed related to the repeat of the Lin teachings and also the application of the Miyake procedure by a 8 Dr. Egrie. Those were the only two Amgen documents I reviewed. 10 Q. You didn't review the Amgen documents that 11
- Dr. Flavell reviewed? 12
- A. I don't believe I did. 13
- 14 O. In the '422 patent, is there an example of human erythropoietin that is purified to apparent
- 15
- homogeneity? 16
- A. So I believe in '422 a protocol is described 17
- for obtaining homogeneous human recombinant 18
- erythropoietin from CHO cells found in Example 10. 19
- Q. What column and line are you looking at, for
- the court reporter? 21
- 22 A. Column 28, line 44.
- Q. And that's an example of a preparation of 23
- human erythropoietin that's been purified to apparent 24
- 25 homogeneity?

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- A. That's the information on how to obtain it.
- But my question is, is there an example of a 2 preparation of human erythropoietin that has been 3 purified to apparent homogeneity?
- A. Can you define to me what you mean by an example? We need to be in agreement on that word.
- Q. I mean a description of work that was actually
- done and shown to be what it reports to be. 8 MS. CARTER: Objection; vague and ambiguous.
- THE WITNESS: So you mean by an example 10
- chromatography or an electrophoretogram or some 3 1
- indication of the actual physical properties of the 12
- material? Is that what you're asking? 13
- MR. JAGOE: Q. Something that would show a 14
- person of skill in the art, for example, like one of the 15
- readers of JBC, that Dr. Lin had actually in hand a
- sample preparation of human erythropoietin that had been 17
- purified to apparent homogeneity. 18
- A. There is no material -- there is no direct 19 example showing the homogeneous material by that 20
- 21 criteria, no.
- Q. Is there any example of a suggested protocol, 22
- what we call it, prophetic example, of a preparation of
- human erythropoietin that has been purified to apparent 24
- 25 homogeneity?