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**Wiegand et al.**

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(54) **METHODS OF TREATING EYE DISORDERS WITH MODIFIED CHIMERIC POLYPEPTIDES**

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(73) Assignee: **Regeneron Pharmaceuticals, Inc.**, Tarrytown, NY (US)

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(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 425 days.

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(21) Appl. No.: **10/988,243**

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**Related U.S. Application Data**

(63) Continuation-in-part of application No. 10/009,852, filed as application No. PCT/US00/14142 on May 23, 2000, now Pat. No. 7,070,959.

(60) Provisional application No. 60/138,133, filed on Jun. 8, 1999.

(51) **Int. Cl.**  
**A61K 38/18** (2006.01)  
**C07K 14/71** (2006.01)  
**C12N 15/62** (2006.01)

(52) **U.S. Cl.** ..... **424/134.1**; 424/192.1; 514/2; 514/12; 530/350; 530/387.3; 536/23.4

(58) **Field of Classification Search** ..... None  
See application file for complete search history.

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(57) **ABSTRACT**

Modified chimeric polypeptides with improved pharmacokinetics are disclosed useful for treating eye disorders, including age-related macular degeneration and diabetic retinopathy.

**5 Claims, 21 Drawing Sheets**

**Mylan v. Regeneron**  
**IPR2021-00881**  
**U.S. Pat. 9,254,338**  
**Exhibit 2034**

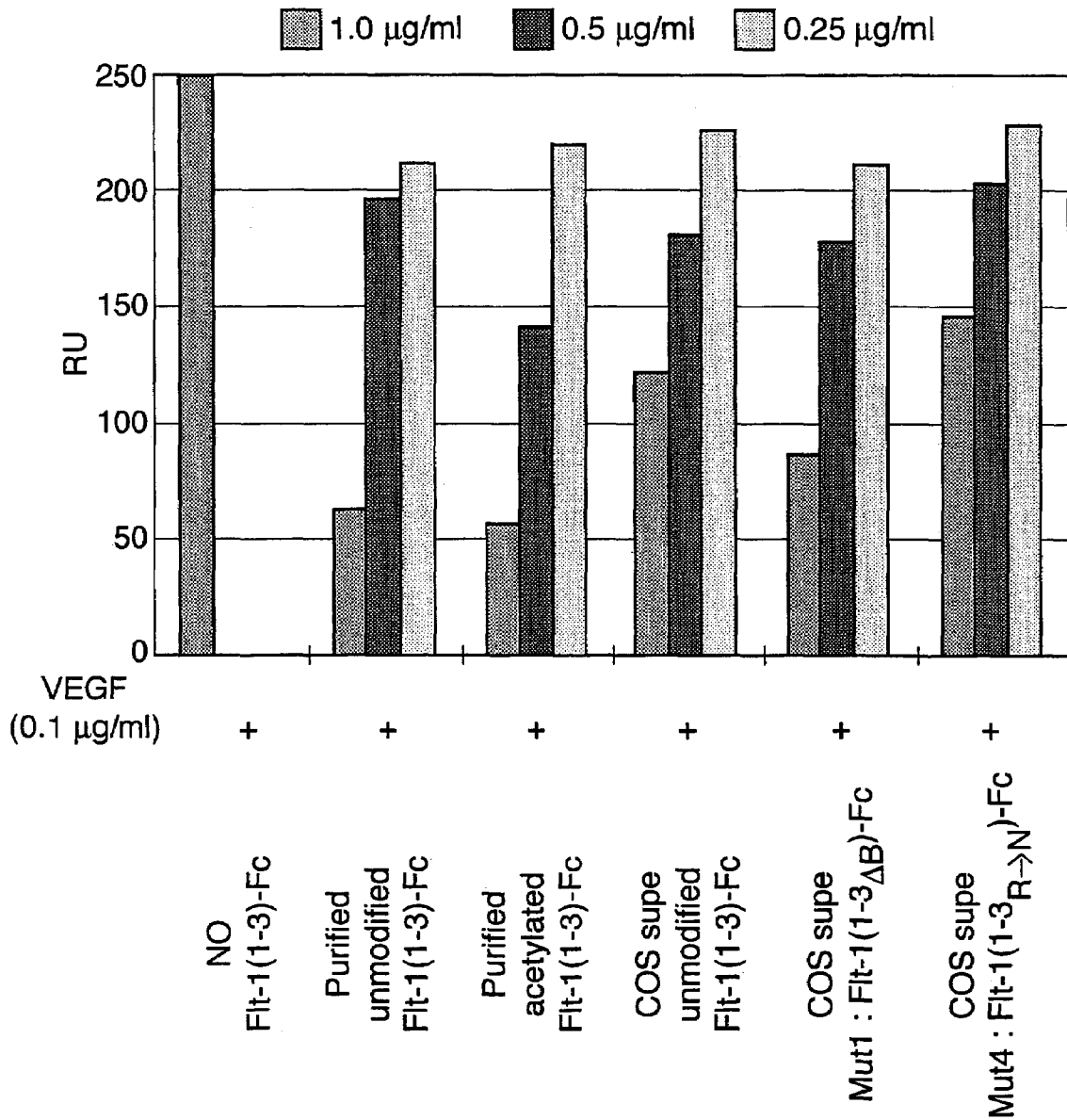


Fig. 1

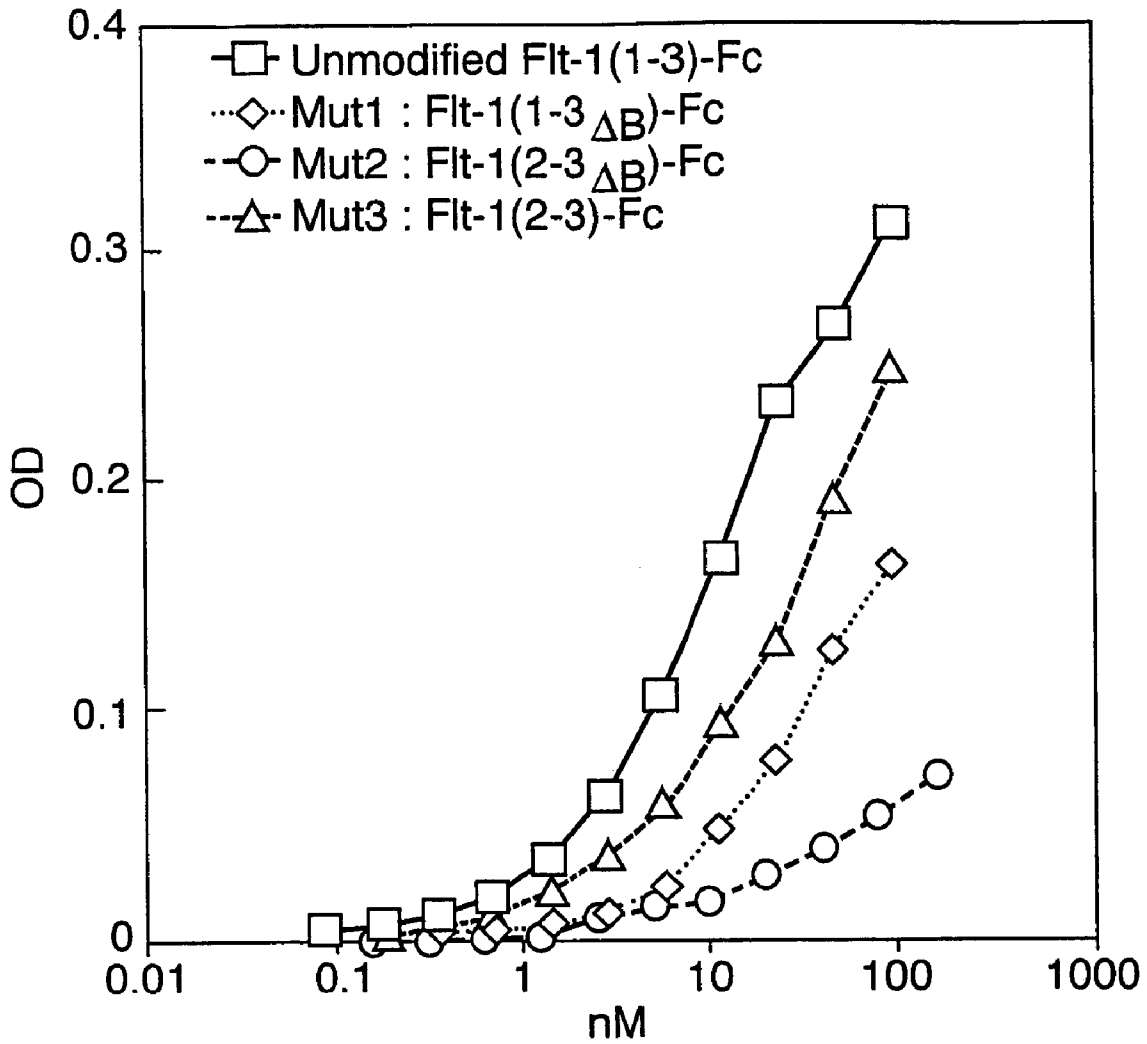


Fig. 2

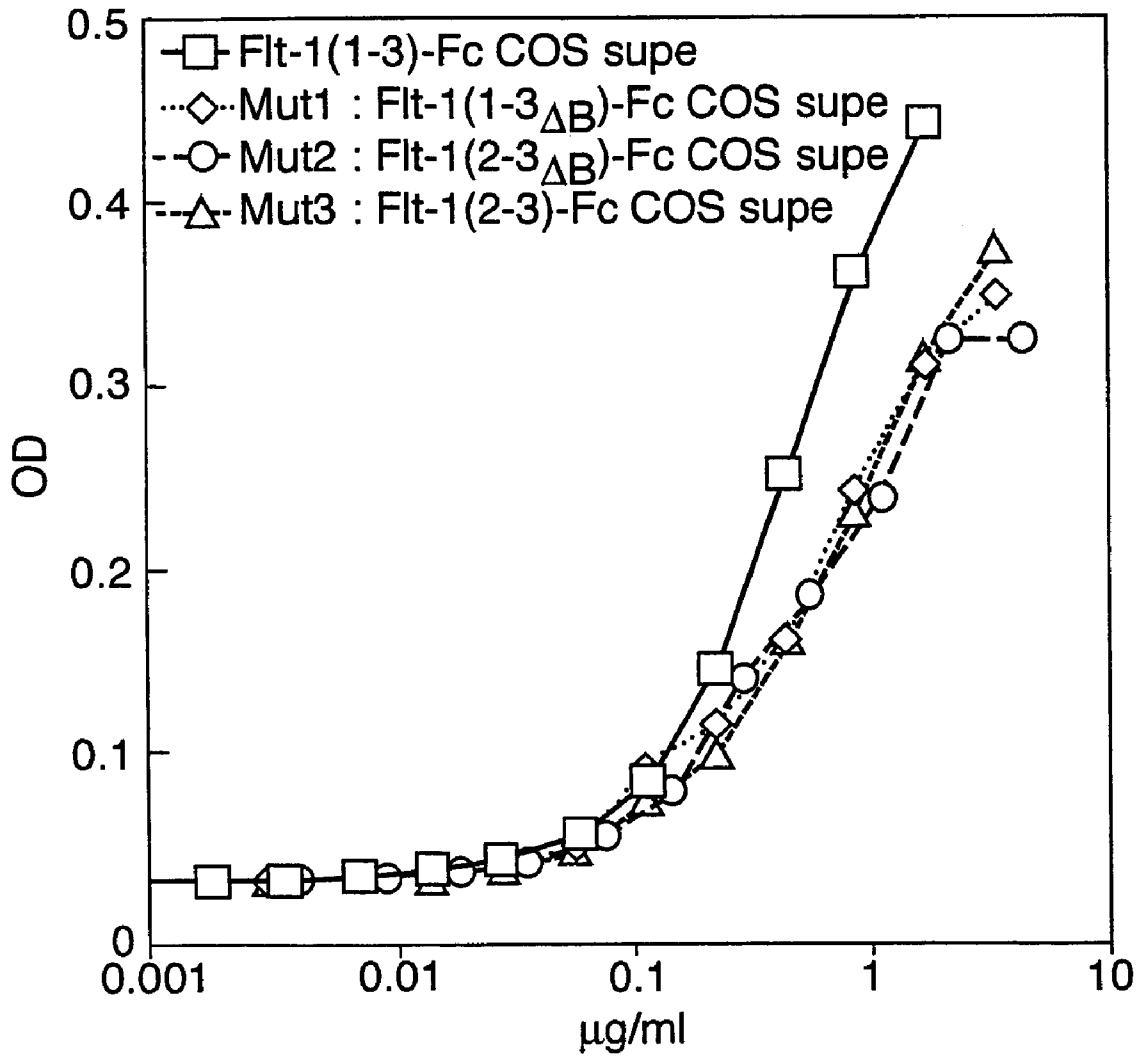


Fig. 3

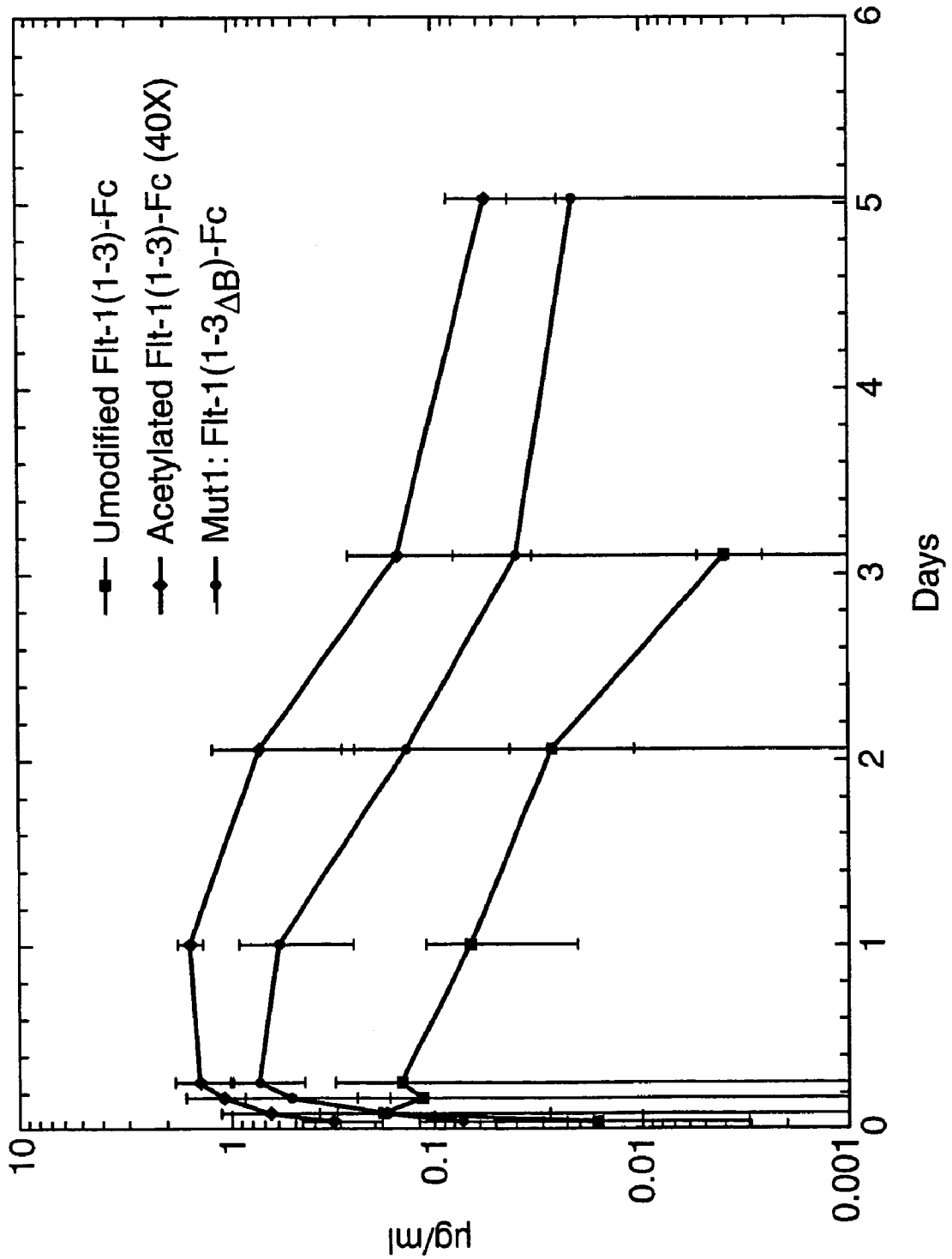


Fig. 4

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