

US007374757B2

## (12) United States Patent

#### Papadopoulos et al.

#### (54) MODIFIED CHIMERIC POLYPEPTIDES WITH IMPROVED PHARMACOKINETIC PROPERTIES

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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 489 days.

This patent is subject to a terminal disclaimer.

- (21) Appl. No.: 11/016,097
- (22) Filed: Dec. 17, 2004

#### (65) Prior Publication Data

US 2005/0163798 A1 Jul. 28, 2005

#### **Related U.S. Application Data**

- (62) Division 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)

- (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. Specifically, modified chimeric Flt1 receptor polypeptides that have been modified in such a way as to improve their pharmacokinetic profile are disclosed. Also disclosed are methods of making and using the modified polypeptides including but not limited to using the modified polypeptides to decrease or inhibit plasma leakage and/or vascular permeability in a mammal.

#### 7 Claims, 55 Drawing Sheets

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