The invention features methods, kits, and compositions for generating new hair follicles and growing hair on a subject.
A. CLASSIFICATION OF SUBJECT MATTER

USPC: 424/400, 401; 514/1, 740

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S.: 424/400, 401; 514/1, 740

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

East databases

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
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<tbody>
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</tbody>
</table>

Further documents are listed in the continuation of Box C.

Date of the actual completion of the international search: 27 July 2008

Name and mailing address of the ISA/US
Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
Facsimile No. (571) 273-3201

Authorized officer: MELISSA S. MERCIER
Telephone No. 571-272-9039
International application No.
PCT/US07/20842

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
   because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
   because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. ☐ Claims Nos.:
   because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:
Please See Continuation Sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.

2. ☑ As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of any additional fees.

3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.

☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.

☐ No protest accompanied the payment of additional search fees.
BOX III. OBSERVATIONS WHERE UNITY OF INVENTION IS LACKING

Group I, claim(s) 1-42, 45-46 drawn to a topical composition comprising an EGFR inhibitor.

Group II, claim(s) 43-46, drawn to a kit comprising an EGFR antibody.

Group III, claim(s) 47-57, 60-76 drawn to a method of generating a hair follicle or stimulating hair growth using a composition comprising Group I.

Group IV, claim(s) 58-76, drawn to a method of generating a hair follicle or stimulating hair growth using a composition of Group II.

Group V, claim(s) 77-78, drawn to a method of generating a hair follicle or stimulating hair growth using a combination of Groups I and II.

Group VI, claim(s) 79-80, drawn to a method of producing pigmented hair.

The inventions listed as Groups I, III, V, and VI do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons: EGFR inhibitors are well known in the art for the treatment of hair loss as demonstrated by US Patent 6,720,427.