PCT REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

Box No. I TITLE OF INVENTION

CONSTITUTIVE EXPRESSION OF COSTIMULATORY LIGANDS ON ADOPTIVELY TRANSFERRED T-lymphotocytes

Box No. II APPLICANT

This person is also inventor

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

MEMORIAL SLOAN-KETTERING CANCER CENTER
1275 York Avenue
New York, New York 10021
United States of America

State (that is, country) of nationality: US
State (that is, country) of residence: US

This person is applicant for the purposes of:
- all designated States
- all designated States except the United States of America
- the United States of America only
- the States indicated in the Supplemental Box

Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

SADELAIN, Michel
401 East 89th Street
New York, New York 10028
UNITED STATES OF AMERICA

State (that is, country) of nationality: CA
State (that is, country) of residence: US

This person is:
- applicant only
- applicant and inventor
- inventor only (if this check-box is marked, do not fill in below)

Applicant's registration No. with the Office

Further applicants and/or (further) inventors are indicated on a continuation sheet.

Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE

The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:

- agent
- common representative

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

LAURO, Peter C.
Edwards Angell Palmer & Dodge LLP
P.O. Box 55874
Boston, Massachusetts 02205
United States of America

Telephone No.
(617) 517-5509
Facsimile No.
(888) 325-9044
Agent's registration No. with the Office
32,360

Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

See Notes to the request form
<table>
<thead>
<tr>
<th>Box No. III</th>
<th>FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)</th>
</tr>
</thead>
</table>

If none of the following sub-boxes is used, this sheet should not be included in the request.

<table>
<thead>
<tr>
<th>Name and address: (Family name followed by given name: for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>STEPHAN, Matthias</td>
</tr>
<tr>
<td>111 Queensberry St.</td>
</tr>
<tr>
<td>Apt. 14</td>
</tr>
<tr>
<td>Boston, Massachusetts 02215</td>
</tr>
<tr>
<td>UNITED STATES OF AMERICA</td>
</tr>
</tbody>
</table>

This person is:

- [ ] applicant only
- [x] applicant and inventor
- [ ] inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

<table>
<thead>
<tr>
<th>State (that is, country) of nationality:</th>
<th>State (that is, country) of residence:</th>
</tr>
</thead>
<tbody>
<tr>
<td>DE</td>
<td>US</td>
</tr>
</tbody>
</table>

This person is applicant for the purposes of:

- [ ] all designated States
- [ ] all designated States except the United States of America
- [x] the United States of America only
- [ ] the States indicated in the Supplemental Box

<table>
<thead>
<tr>
<th>Name and address: (Family name followed by given name: for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>This person is:</td>
</tr>
<tr>
<td>- [ ] applicant only</td>
</tr>
<tr>
<td>- [ ] applicant and inventor</td>
</tr>
<tr>
<td>- [ ] inventor only (If this check-box is marked, do not fill in below.)</td>
</tr>
</tbody>
</table>

Applicant's registration No. with the Office

<table>
<thead>
<tr>
<th>State (that is, country) of nationality:</th>
<th>State (that is, country) of residence:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This person is applicant for the purposes of:

- [ ] all designated States
- [ ] all designated States except the United States of America
- [ ] the United States of America only
- [ ] the States indicated in the Supplemental Box

<table>
<thead>
<tr>
<th>Name and address: (Family name followed by given name: for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>This person is:</td>
</tr>
<tr>
<td>- [ ] applicant only</td>
</tr>
<tr>
<td>- [ ] applicant and inventor</td>
</tr>
<tr>
<td>- [ ] inventor only (If this check-box is marked, do not fill in below.)</td>
</tr>
</tbody>
</table>

Applicant's registration No. with the Office

<table>
<thead>
<tr>
<th>State (that is, country) of nationality:</th>
<th>State (that is, country) of residence:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This person is applicant for the purposes of:

- [ ] all designated States
- [ ] all designated States except the United States of America
- [ ] the United States of America only
- [ ] the States indicated in the Supplemental Box

<table>
<thead>
<tr>
<th>Name and address: (Family name followed by given name: for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>This person is:</td>
</tr>
<tr>
<td>- [ ] applicant only</td>
</tr>
<tr>
<td>- [ ] applicant and inventor</td>
</tr>
<tr>
<td>- [ ] inventor only (If this check-box is marked, do not fill in below.)</td>
</tr>
</tbody>
</table>

Applicant's registration No. with the Office

<table>
<thead>
<tr>
<th>State (that is, country) of nationality:</th>
<th>State (that is, country) of residence:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This person is applicant for the purposes of:

- [ ] all designated States
- [ ] all designated States except the United States of America
- [ ] the United States of America only
- [ ] the States indicated in the Supplemental Box

- [ ] Further applicants and/or (further) inventors are indicated on another continuation sheet.

Form PCT/RO/101 (supplemental sheet) (April 2007)  

See Notes to the request form
1. If in any of the Boxes, except Boxes Nos. VIII(i) to (v) for which a special continuation box is provided, the space is insufficient to furnish all the information: in such case, write “Continuation of box No. II” or “Continuation of box No. III” (as the case may be), or indicate the name of the applicant(s) and, next to (each) such name, the State(s) (and/or, where applicable, ARIOPO, Eurasian, European or OAPI patent) for the purposes of which the named person is inventor.

2. If the applicant intends to make an indication of the wish that the international application be treated in certain designated States, as an application for a patent of addition, certificate of addition, inventor’s certificate of addition or utility certificate of addition: in such a case, write the name or two-letter code of each designated State concerned and the indication “patent of addition,” “certificate of addition,” “inventor’s certificate of addition” or “utility certificate of addition,” the number of the parent application or parent patent or other parent grant and the date of granting of the parent patent or other parent grant or the date of filing of the parent application (Rules 4.11(a)(ii) and 49bis (1)(a) or (b)).

3. If the applicant intends to make an indication of the wish that the international application be treated, in the United States of America, as a continuation or continuation-in-part of an earlier application: in such a case, write “United States of America” or “US” and the indication “continuation” or “continuation-in-part” and the number and the filing date of the parent application (Rules 4.11(a)(iv) and 49bis 1(d)).
Box No. V  DESIGNATIONS

The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.

However,  
☐ DE Germany is not designated for any kind of national protection.
☐ JP Japan is not designated for any kind of national protection.
☐ KR Republic of Korea is not designated for any kind of national protection.
☐ RU Russian Federation is not designated for any kind of national protection.

(The check-boxes above may be used to exclude (irrevocably) the designations concerned if, at the time of filing or subsequently under Rule 21(b), the international application contains in Box No. VI a priority claim to an earlier national application filed in the particular State concerned, in order to avoid the ceasing of the effect, under the national law, of this earlier national application.

Box No. VI  PRIORITY CLAIM

The priority of the following earlier application(s) is hereby claimed:

<table>
<thead>
<tr>
<th>Filing date of earlier application (day/month/year)</th>
<th>Number of earlier application</th>
<th>National application: country or Member of WTO</th>
<th>Regional application: regional Office</th>
<th>International application receiving Office</th>
</tr>
</thead>
<tbody>
<tr>
<td>item (1) 30 March 2007 (30.03.2007)</td>
<td>60/921,144</td>
<td>US</td>
<td></td>
<td></td>
</tr>
<tr>
<td>item (2)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>item (3)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

☐ Further priority claims are indicated in the Supplemental Box.

Transmit certified copy: the receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified above as:

☒ all items ☐ item (1) ☐ item (2) ☐ item (3) ☐ other, see Supplemental Box

Restore the right of priority: the receiving Office is requested to restore the right of priority for the earlier application(s) identified above or in the Supplemental Box as item(s) ( ). (See also the Notes to Box No. VI, further information must be provided to support a request to restore the right of priority.)

Incorporation by reference: where an element of the international application referred to in Article 11(1)(ix)(d) or (e) or a part of the description, claims or drawings referred to in Rule 20.5(a) is not otherwise contained in this international application but is completely contained in an earlier application whose priority is claimed on the date on which one or more elements referred to in Article 11(1)(ix)(ii) were first received by the receiving Office, that element or part is, subject to confirmation under Rule 20.6, incorporated by reference in this international application for the purposes of Rule 20.6.

Box No. VII  INTERNATIONAL SEARCHING AUTHORITY

Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code maybe used):

ISA/US

Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority):

Date (day/month/year) Number Country (or regional Office)

Box No. VIII  DECLARATIONS

The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable check-boxes below and indicate in the right column the number of each type of declaration):

☐ Box No. VIII (i) Declaration as to the identity of the inventor
☐ Box No. VIII (ii) Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent
☐ Box No. VIII (iii) Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application
☐ Box No. VIII (iv) Declaration of inventorship (only for the purposes of the designation of the United States of America)
☐ Box No. VIII (v) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty

See Notes to the request form
**Box No. IX CHECK LIST; LANGUAGE OF FILING**

This international application contains:
(a) on paper, the following number of sheets:

- request (including declaration and supplemental sheets): 5
- description (excluding sequence listings and/or tables related thereto): 38
- claims: 8
- abstract: 1
- drawings: 30

Sub-total number of sheets: 82

- sequence listings:
- tables related thereto:
  (for both, actual number of sheets if filed on paper, whether or not also filed in electronic form; see (c) below)

Total number of sheets: 82

(b) □ only in electronic form
   (Section 801(a)(i))
   (i) sequence listings
   (ii) tables related thereto

(c) □ also in electronic form
   (Section 801(a)(ii))
   (i) sequence listings
   (ii) tables related thereto

Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the
- sequence listing:
- tables related thereto:
  (additional copies to be indicated under items 9(ii) and/or 10(ii), in right column)

Figure of the drawings which should accompany the abstract: 1

Language of filing of the international application: English

---

**Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE**

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).

[Signature]

Peter C. Lauro, Agent for Applicant(s)
EDWARDS ANGEILL PALMER & DODGE LLP

Attorney Reg. No. (when applicable): 32,360
31-03-2008

---

1. Date of actual receipt of the purported international application: **IAP07Rec'd PCT 31 MAR 2008**
2. Drawings:
   - received:
   - not received:

3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:

4. Date of timely receipt of the required corrections under PCT Article 11(2):

5. International Searching Authority (if two or more are competent): ISA / US
6. □ Transmittal of search copy delayed until search fee is paid.

For International Bureau use only

Date of receipt of the record copy by the International Bureau: