

BIACORE INTERNATIONAL AB  
Form S-8 POS  
December 29, 2004

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**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

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**POST-EFFECTIVE AMENDMENT NO. 1**  
**TO**  
**FORM S-8**

**REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933**

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**Biacore International AB (publ)**

(Exact name of registrant as specified in its charter)

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**Kingdom of Sweden**  
(State or other jurisdiction of  
incorporation or organization)

N/A  
(I.R.S. Employer  
Identification No.)

**Biacore International SA, Puits-Godet 12, CH-2000 Neuchâtel, Switzerland**

(Address of Principal Executive Offices)

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**Biacore Stock Option Plan 2003**

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(Full title of the plan)

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**CT Corporation System, 111 Eighth Avenue, 13<sup>th</sup> Floor, New York, NY 10011**

(Name and address of agent for service)

**212 590-9330**

(Telephone number, including area code, of agent for service)

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**Deregistration**

On July 14, 2003, Biacore International AB (publ) (the Company ) filed a registration statement on Form S-8 (No. 333-106999) (the Registration Statement ), to register 100,000 ordinary shares in the Company, with a nominal value of SEK 10 each. There have been no sales under the Registration Statement during fiscal year 2004. In connection with its termination of registration and suspension of periodic reporting through its filing of a Form 15, the Company hereby deregisters all remaining unsold shares covered by the Registration Statement.

**SIGNATURES**

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has caused this Post-Effective Amendment No. 1 to Registration Statement No. 333-106999 to be signed on its behalf by the undersigned, thereunto duly authorized, in Neuchâtel, Switzerland on December 29, 2004.

Biacore International AB (publ)  
(Registrant)

By: /s/ Lars-Olov Forslund

Name: Lars-Olov Forslund  
Title: Chief Financial Officer

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed by the following persons in the capacities and on the dates indicated.

| <u>(Signature)</u>                 | <u>(Title)</u>  | <u>(Date)</u> |
|------------------------------------|---|---------------|
| *<br>_____<br>Lars-Göran Andrén    | Chairman of the Board   | 12/29/2004    |
| *<br>_____<br>Donald R. Parfet     | Deputy Chairman of the Board<br>and Authorized Representative in the<br>United States | 12/29/2004    |
| *<br>_____<br>Tom Erixon           | Board Member  | 12/29/2004    |
| *<br>_____<br>Mats Pettersson      | Board Member  | 12/29/2004    |
| *<br>_____<br>Gordon Edge          | Board Member  | 12/29/2004    |
| *<br>_____<br>Marc Van Regenmortel | Board Member  | 12/29/2004    |
| *<br>_____<br>Donna Janson         | Board Member  | 12/29/2004    |

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Board Member

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Anna Hansson

/s/ Markku Hämäläinen

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Board Member

12/29/2004

Markku Hämäläinen

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|-------------------------------|-------------------------------|------------|
| <u>/s/ Erik Walldén</u>       | President and Chief Executive | 12/29/2004 |
| Erik Walldén                  | Officer                       |            |
| <u>/s/ Lars-Olov Forslund</u> | Chief Financial Officer       | 12/29/2004 |
| Lars-Olov Forslund            |                               |            |
| *                             | Chief Accounting Officer      | 12/29/2004 |
| <u>Gunnar Tegendal</u>        |                               |            |

\* Lars-Olov Forslund, by signing his name hereto, does sign this Post-Effective Amendment No. 1 to Registration Statement No. 333-106999, pursuant to powers of attorney previously filed in the S-8 Registration Statement No. 333-106999.

/s/ Lars-Olov Forslund                      December 29, 2004

Lars-Olov Forslund, Attorney-in-fact