

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 2001**

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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 18, 2001, Biacore International AB (publ) (the Company ) filed a registration statement on Form S-8 (No. 333-13734) (the Registration Statement ), to register 300,000 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. 333-13734 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>
* _____ Lars-Göran Andrén	Chairman of the Board	12/29/2004
* _____ Donald R. Parfet	Deputy Chairman of the Board and Authorized Representative in the United States	12/29/2004
* _____ Gordon Edge	Board Member	12/29/2004
* _____ Mats Pettersson	Board Member	12/29/2004
_____ Tom Erixon	Board Member	
_____ Marc Van Regenmortel	Board Member	
_____ Donna Janson	Board Member	
_____ Anna Hansson		

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/s/ Markku Hämäläinen

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Markku Hämäläinen

Board Member

12/29/2004

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/s/ Erik Walldén

Erik Walldén

President and Chief Executive  
Officer

12/29/2004

/s/ Lars-Olov Forslund

Lars-Olov Forslund

Chief Financial Officer

12/29/2004

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Gunnar Tegedal

Chief Accounting Officer

12/29/2004

\* Lars-Olov Forslund, by signing his name hereto, does sign this Post-Effective Amendment No. 1 to Registration Statement No. 333-13734, pursuant to powers of attorney previously filed in the S-8 Registration Statement No. 333-13734.

/s/Lars-Olov Forslund

December 29, 2004

Lars-Olov Forslund, Attorney-in-fact