

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT	
EFFECTIVE DATE:	12/09/2002	
CONVEYING PARTY DATA		
Name		Execution Date
Calbiochem-Novabiochem AG		01/14/2005
RECEIVING PARTY DATA		
Name:	Merck Biosciences AG	
Street Address:	Weidenmattweg 4	
City:	Laufelfingen	
State/Country:	SWITZERLAND	
Postal Code:	CH-4448	
PROPERTY NUMBERS Total: 2		
Property Type	Number	
Patent Number:	5300651	
Patent Number:	5324833	
CORRESPONDENCE DATA		
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NAME OF SUBMITTER:	Joseph P. Meara	
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NUNC PRO TUNC PATENT ASSIGNMENT

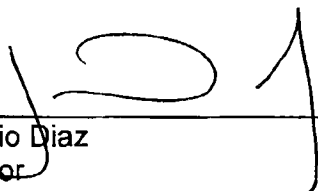
WHEREAS, Calbiochem-Novabiochem AG, a corporation of Switzerland, having a principal place of business at Weidenmattweg 4, CH-4448 Läufelfingen, Switzerland (hereinafter "Assignor"), is the owner of all right, title, and interest in and to the following inventions (hereinafter "Inventions"):

1. "Protected Amino Acids and Process for the Preparation Thereof," for which a Japan Patent Application was made and issued as Registration Number 95051549;
2. "Geschützte Aminosäuren und Verfahren zu ihrer Herstellung," for which a European Patent Application was made and issued as Registration Number 0,394,194 B1;
3. "Geschützte Derivate des Tryptophans, Verfahren zu deren Herstellung und deren Verwendung," for which a European Patent Application was made and issued as Registration Number 0,516,070 B1;
4. "Protected Derivatives of Tryptophan, Processes for their Preparation and Their Use For the Preparation of Dipeptide, Polypeptide or Protein Structures," for which a United States Patent Application was made and issued as Registration Number 5,300,651;
5. "Protected Amino Acids and Process for the Preparation Thereof," for which a United States Patent Application was made and issued as Registration Number 5,324,833;

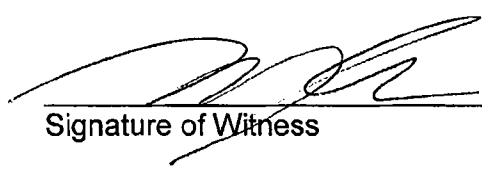
WHEREAS, Merck Biosciences AG, a corporation of Switzerland, having its principal business address at Weidenmattweg 4, CH-4448 Läufelfingen, Switzerland (hereinafter "Assignee") on December 9, 2002, acquired all right, title, and interest in and to said Inventions and all improvements thereon, said applications, and to any Letters Patent that may be granted and issued therefor; and Assignor now desires to assign to Assignee, and to make of record all of Assignor's right, title, and interest in and to said Inventions and all improvements thereon and any applications that may issue thereon.

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor, does hereby sell, assign, transfer, and set over unto said Assignee, its successors, legal representatives, and assigns, all Assignor's right, title, and interest in and to said invention and all improvements thereon which are disclosed in the Inventions, and all original, reissue or foreign Letters Patent granted thereof, all divisions and continuations thereof, including the subject matter of any and all claims which may be obtained in every such patent, and all foreign rights to said invention, and Assignor covenants that it has full right to do so, and Assignor agrees that it will communicate to said Assignee or its representatives all facts known respecting said invention whenever requested, and testify in any legal proceedings; and Assignor agrees to execute any further applications or divisions, continuations, or continuations-in-part thereof, and any other documents, now and hereinafter necessary to perfect the rights herein assigned.

Executed this 14th day of January, 2005 at 5:00 p.m.



Octavio Diaz
Director
Calbiochem-Novabiochem AG



Signature of Witness

Lisa Johnson

Printed Name of Witness