FORM PTO-1619A OMB 0651-0027

07-16-1998



U.S. Department of Commerce Patent and Trademark Office **PATENT**

100766041

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Rec	eiving Party	Ma	ark if additional names of rec	eiving parties attached	
Na	Name (line 1) National Institutes of Health, The is an assignment a				
Na	nme (line 2) Extramural Invention	receiving party is not domiciled in the United States, an appointment			
Addr	ess (line 1) 6701 Rockledge Drive		of a domestic representative is attached. (Designation must be a		
Addr	ess (line 2) MSC 7750			separate document from Assignment.)	
Addr	ess (line 3) Bethesda city	Maryland / USA State/Country	A 20892 - 7 Zip Code		
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U.S. Department of Commerce Patent and Trademark Office PATENT

Correspond	ent Name and Address	Area Code	and Telephone Numbe	r 301-435-1986			
Name	National Institutes	of Healt	h, The				
Address (line 1)	Address (line 1) Extramural Inventions Office, The						
Address (line 2)	Address (line 2) 6701 Rockledge Drive, Room 3188						
Address (line 3)	MSC 7750						
Address (line 4) Bethesda, Maryland / USA 20892-7750							
Pages	Enter the total number of pagincluding any attachments.	ges of the atta	ched conveyance doc	ument # 3			
Application	Number(s) or Patent Num	nber(s)	X Marl	k if additional numbers			
	he Patent Application Number or the	Patent Number).		
Pat	tent Application Number(s)		Pat 5591773	ent Number(s)			
			5600571				
			5648222				
If this document was	is being filed together with a <u>new</u> Pat	tent Application,	enter the date the patent ap	plication Month Da	y Year		
Patent Coor	peration Treaty (PCT)						
-	er PCT application number	PCT	PCT	PCT			
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Name	of Person Signing	Si	ignature	Date			

PATENT

REEL: 9297 FRAME: 0827

LICENSE TO THE UNITED STATES GOVERNMENT

Invention Title:

Inhibition of Cataract Formation, Diseases Resulting from Oxidative

Stress, and HIV Replication by Caffeic Acid Esters

Inventor(s):

Dezider Grunberger

Krystyna Frenkel

U. S. Patent Issue No.:

5,591,773

Docket No.:

44070

U.S. Issue Date:

January 7, 1997

Grant/Contract Identification No.:

CA37858

The invention identified above is a Subject Invention under 35 U.S.C. 200, et. seq., and the Standard Patent Rights clause at 37 CFR 401.14 or FAR 52.227-11, which are included among the terms of the above-identified grant/contract award from the National Institutes of Health. This document is confirmatory of:

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The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

By

Jack M. Granowitz - Executive Director Columbia Innovation Enterprise

For The Trustees of Columbia University in the City of New York

At 363 Engineering Terrace, Columbia University, New York, NY 10027

LICENSE TO THE UNITED STATES GOVERNMENT

Invention Title:

Method for Determining Protein Tertiary Structure

Inventor(s):

Richard Friesner

Alessan iro Monge

John Gunn

U. S. Patent Issue No.:

5,600,571

Docket No.:

44738

U.S. Issue Date:

February 4, 1997

Grant/Contract Identification No.:

P41-RR06892

The invention identified above is a Subject Invention under 35 U.S.C. 200, et. seq., and the Standard Patent Rights clause at 37 CFR 401.14 or FAR 52.227-11, which are included among the terms of the above-identified grant/contract award from the National Institutes of Health. This document is confirmatory of:

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Signe	d this 16 day of 1998
By	Jack M. Granowitz · Executive Director, Columbia Innovation Enterprise
•	Jack M. Granowitz - Executive Director, Columbia Innovation Enterprise
For	The Trustees of Columbia University in the City of New York
At	363 Engineering Terrace, Columbia University, New York, NY 10027

LICENSE TO THE UNITED STATES GOVERNMENT

Invention Title: Method for Preserving Cells, and Uses of Said Method

Inventor(s): Doris B. Tse / Hui-Min Chung / Leonardus H. T. Van der Ploeg

Patent No.: 5,648,222

Docket No.: 44498

RECORDED: 07/01/1998

U.S. Issue Date: July 15, 1997

Grant/Contract Identification No.: AI21784 / GM14825 / CA39782

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PATENT REEL: 9297 FRAME: 0830