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FORM PTO-1619A Expires 06/30/99 OMB 0651-0027	07-01-1999	U.S. Department of Commerce Patient and Trademark Office PATENT	
	101080506		
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Name (line 1) National Institutes of Health, The			
Name (line 2)       Extramural Inventions Office, The       receiving party is not domiciled in the United States, an appointment			
Address (line 1) 6701 Rockledge Drive, Room 3188 of a domestic representative is attached.			
Address (line 2) MSC 7750		(Designation must be a separate document from Assignment.)	
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		PATENT EEL: 010057 FRAME: 0175	

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FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT		
Correspondent Name and Address Area Code and Telephone Number 301-435-198609				
Name National Institutes	s of Health, The			
Address (line 1) Extramural Inventio	ons Office, The			
Address (line 2) 6701 Rockledge Drive, Room 3188				
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Application Number(s) or Patent Nu		Mark if additional numbers attached		
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Patent Application Number(s)		Patent Number(s)		
09113310 09041675 09	0286959			
If this document is being filed together with a <u>new</u> Pat	ent Application, enter the date the patent a	polication was Month Day Year		
signed by the first named executing inventor.				
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Number of Properties         Enter the total number of properties involved.         # 5				
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$				
Method of Payment: Enclosed Deposit Account Deposit Account				
(Enter for payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number:				
	Authorization to charge additional fe	es: Yes No X		
Statement and Signature				
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.				
Belen Awetahegne	T	6/22/99		
Name of Person Signing	Signature	Date		
l				

PATENT REEL: 010057 FRAME: 0176 24

# LICENSE TO THE UNITED STATES GOVERNMENT

Invention Title: Nitric Oxide Inhibits Rhinovirus Infection Inventor(s): Sanders and Proud 3224 JHU Reference: NIH EIR: 4134401-97-0014 Patent or Application Serial No.: 09/113,310 PCT/US98/14466 U.S. Filing/Issue Date: 07/10/98 07/10/98 Grant/Contract Identification Number(s): AI37163

### Foreign Applications filed/intended in (countries):

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 Public Health Service/ National Institutes of Health. This document is confirmatory of:

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Signed this \_\_\_\_\_ day of \_\_\_\_\_ flue 19 99 1nala By:

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Nina Ossanna, Ph.D. Associate Director, Office of Technology Licensing Johns Hopkins University School of Medicine 2024 E. Monument Street Sulte 2-100 Baitimore, Maryland 21205

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### LICENSE TO THE UNITED STATES GOVERNMENT

Invention Title: Human SMAD3 and SMAD4 are Sequence-Specific Transcription Activators

Inventor(s): Vogelstein, Kinzler, Kern, Zawel, and Dai

JHU Reference: 3383

11

NIH EIR: 4134401-98-0022

Patent or Application Serial No.: 09/041,675

U.S. Filing/Issue Date: 03/13/98

Grant/Contract Identification Number(s): CA43460, CA82924, CA68228

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JUN. 8.1999 9:51AM

NO.219 P.3/3

# LICENSE TO THE UNITED STATES GOVERNMENT

Invention Title: Telomerase-Associated Proteins

Inventor(s): Greider and Le

JHU Reference: 3389

NIH EIR: 4134401-98-0027

Patent or Application Serial No.: 09/286,959 PCT/US99/07533

U.S. Filing/Issue Data: 04/06/99 04/06/99

### Grent/Contract Identification Number(s): AG09383

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### LICENSE TO THE UNITED STATES GOVERNMENT

Invention Title: Human Fast-1 Gene

Inventor(s): Vogelstein, Kinzler, Zawei, and Zhou

JHU Reference: 3409

NIH EIR: 4134401-98-0034

Patent or Application Serial No.: 09/113,309

U.S. Filing/Issue Date: 07/10/98

Grant/Contract Identification Number(s): CA43460

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# LICENSE TO THE UNITED STATES GOVERNMENT

**Invention Title:** MRI Method and Apparatus and Method of Calibrating the Same

Inventor(s): Reeder, Atalar, McVeigh, and Faranesh

JHU Reference: 3457

NIH EIR: 4134401-98-0077

Patent or Application Serial No.: 09/236,054

U.S. Filing/Issue Date: 01/22/99

Grant/Contract Identification Number(s): HL45683

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