

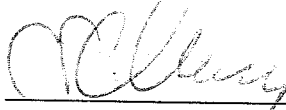
HSHL-MGI

October 26, 1995


MEMORANDUM FOR David Burton, Chief, Radioactive Control Branch,
Health Physics Office

SUBJECT: Inactive Authorization #642

1. Please place Auth #642 on inactive status. No radioisotope lab work is currently being performed in DCI Res Lab 7Z68, 7Z70.
2. Point of Contact: Corinne Maydonovitch, GI, WRAMC 782-5280.


LTC Chris Cheney
Principal User #642
Gastroenterology Svc
Bldg 2, WRAMC

This Application is given
interim approval until the
next meeting of the RCC
which is scheduled for: Dec 95


WILLIAM B. JOHNSON
COL, MS
CHIEF, HEALTH PHYSICS OFFICE
06 DEC 1995

APPROVED BY
RCC

07 DEC 1995

DATE

DATE: 27 Oct 95

Authorization Review Process
Branch Input

Auth # 642

	A	B	COMMENTS
1	X	JMB	Put Authorization on inactive status
2	N/A	JMB	
3	N/A	JMB	
4	MP	DM	
5	X	JMB	
6	N/A	DM	
7	N/A	JMB	
8	N/A	JMB	
9	N/A	JMB	
10	N/A	JMB	
11			
12			
13			
14			
15			

Index of Numbers and Symbols used above:

- (1) - Forms (WRAMC 1661R, 1662R, 1643) (Completed/typed)
- (2) - Protocol (Required for: 3-H, 32-P, 125-I, 131-I, and all others deemed necessary by - amounts, activity, or use. (Reference NBS Handbook #92)
- (3) - Isotopes (within limits for NRC License/personnel qualifications)
- (4) - OPS Branch room pre-survey
- (5) - OPS Branch room final survey
- (6) - TS Branch instrumentation assignment
- (7) - Training - WRAMC Form 538 (Completed by users annually)
- (8) - Training - WRAMC Form 1643 (Training and Experience Form)
- (9) - Fort Detrick - Auth#'s 541, 618, 619, 620, 621
- (10) - TS Branch Bioassay
- (11) - TS Branch Personnel dosimetry
- (A) - (X) when complete, (0) when pending, and () when pending completed
- (B) - Initial of branch representative when complete or pending issues are resolved
- (C) - Comments

APPLICATION FOR AUTHORIZATION TO USE RADIOACTIVE MATERIAL -- NON-HUMAN USE

1. APPLICATION FOR:	<input type="checkbox"/> NEW AUTHORIZATION	<input checked="" type="checkbox"/> RENEWAL OF AUTHORIZATION NUMBER 642	<input type="checkbox"/> AMENDMENT TO AUTHORIZATION NUMBER
---------------------	--	--	--

2. APPLICANT'S NAME (Last, First, MI) (Principal User) Cheney, Chris (PI) LTC	3. APPLICANT'S MAILING ADDRESS (Include Organization) Gastro SUE Bldg 2, Rm 7F17 VNAME, Wash, DC 20307
TELEPHONE NUMBER 202-782-6767	

(IF MORE SPACE IS NEEDED FOR ANY ITEM, USE ADDITIONAL PROPERLY KEYED PAGES.)

4. List all CO-WORKERS Maydanovitch, Elaine	5. List all TRAINEES none	6. List all TECHNICIANS none
--	------------------------------	---------------------------------

7. LOCATIONS WHERE MATERIAL WILL BE USED: (Building and Associated Rooms)
Bldg 2, Rm 7Z70

8. LOCATIONS WHERE MATERIAL WILL BE STORED: (Building and Associated Rooms)
Bldg 2, Rm 7Z70

9. RADIOACTIVE WASTE DISPOSAL SINK IN ROOM:
Bldg 2, Rm 7Z70

10. RADIOACTIVE MATERIAL DATA

A. RADIOISOTOPE	B. CHEMICAL AND/OR PHYSICAL FORM (Sealed or Unsealed)	C. POSSESSION LIMIT	D. USE
I-125	unsealed, iodine	0.05mCi	Bioassay
		5.0mCi	Theran

CERTIFICATE

(This item must be completed by applicant)

I certify that this application is prepared in conformity with VRAMC Regulations and that all information contained herein, including Christopher P. Cheney, is true and correct to the best of my knowledge and belief.

CHRISTOPHER P. CHENEY
LTC, MC

I DO KNOWLEDGE MY RESPONSIBILITIES AS PRINCIPAL USER AS DEFINED | 12. ADMINISTRATIVE APPROVAL:

DATE: 8 Nov 95

Authorization Review Process
Branch Input

Auth # 642

	A	B	COMMENTS
1	X	BWB	Renewal Package
2	X	BWB	
3	X	BWB	delete H-8, T ₂ , 97m
4	X	QW	
5	X	BWB	delete 7F15, 7E68,
6	X	QW	
7	-	BWB	
8	X	BWB	on file
9	NA	BWB	
10	NA	QW	
11	NA	QW	
12			
13			
14			
15			

Index of Numbers and Symbols used above:

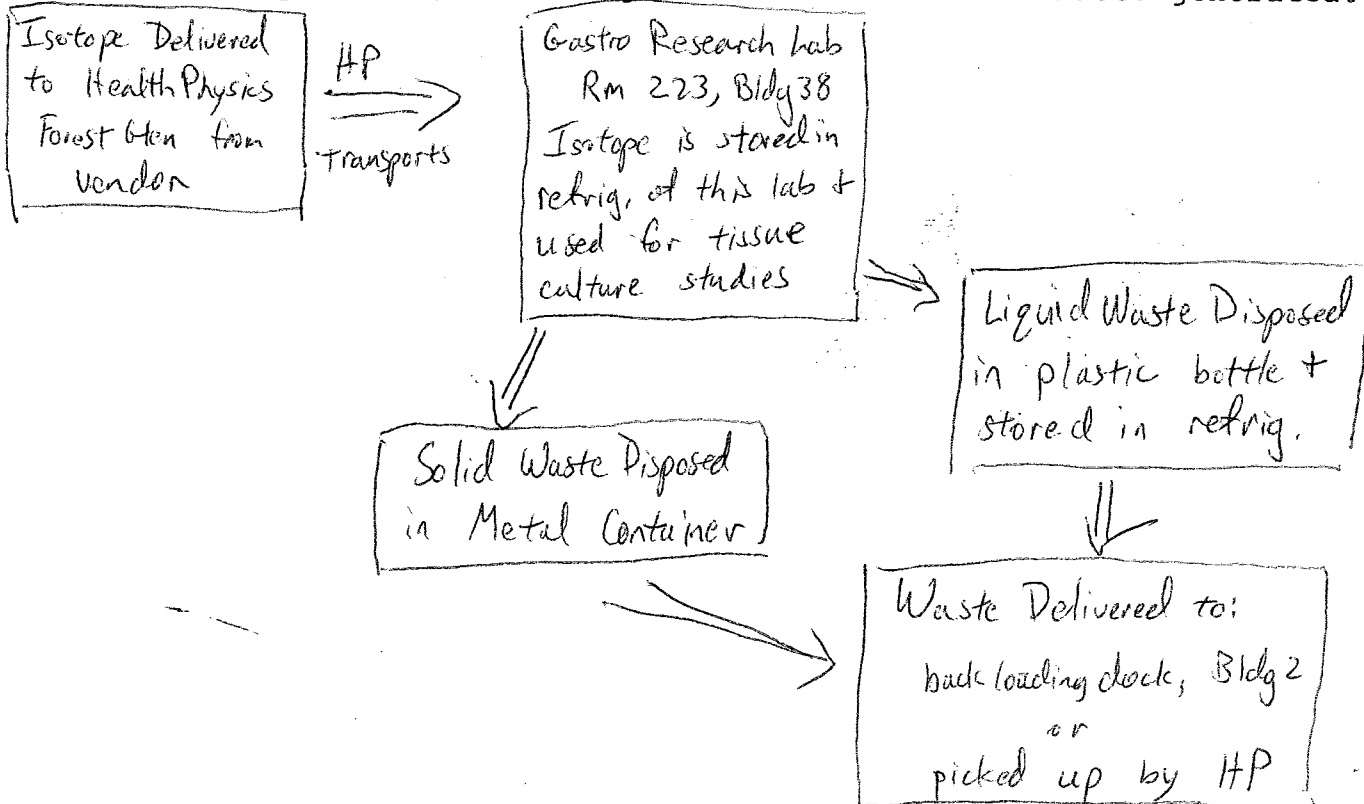
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- (10) - TS Branch Bioassay
- (11) - TS Branch Personnel dosimetry

- (A) - (X) when complete, (O) when pending, and () when pending completed
- (B) - Initial of branch representative when complete or pending issues are resolved
- (C) - Comments

HEALTH PHYSICS RADIOACTIVE PROTOCOL

a. Principal User LTL Chris Cheney, MD	b. Telephone Number (202) 576-7765-8	c. Authorization Number 642
d. Coworkers Corinne Maydonavitch MAJ Donald Cole, MD	e. Trainees	f. Technicians
g. Radioisotope(s) 3H	h. Physical/Chemical Form 3H -Thymidine	i. Maximum Quantity per Experiment (mCi) 0.025
j. Title of Project <i>The Effect of Normalization of Intraesophageal pH on Mucosal Prolif. in Barrett's Esophagus</i> <i>The Effect of Beta-carotene on Mucosal Prolif. in Pts w/ colonic carcinoma.</i>		
k. Beginning Date Jul 93	l. Ending Date Not known	m. Repetitive Study Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

n. Life Cycle of Radioisotope Utilized for Research Procedure (Use block/flow diagram to show what, how, where, how much isotope is used from receipt to disposal; emphasize major steps (incubate over night, run gel, autoradiography, etc.), including kinds and volumes of waste generated.)



o. Labeling and Transport of Radioactive Material: All radioactive solutions, tissues, animals and waste will be identified by proper labels. Transport of radioactive material between authorized work areas will be conducted in a manner that precludes the spread of contamination and inadvertent exposure of non-participating personnel.

p. Laboratory Animal Usage:

None ☒ If yes, complete following:

Species:

Room:

Bldg:

Disposition of animals:

q. Isotope Utilization Locations:

	(1)	(2)	(3)	(4)	(5)
Building	38				
Room	223				
Maximum Amount (mCi)	1-2				

r. Maximum Amount in Possession (mCi) 5

Bldg	Room	Maximum Amt (mCi)
------	------	-------------------

s. Isotope Storage Location(s)

38	223	5
----	-----	---

t. Waste Storage Location(s)

38	223	5
----	-----	---

u. Animal/Tissue Storage Location

--	--	--

v. All radioactive waste will be transferred to the Health Physics Office in accordance with Health Physics Condition No. 4.

w. All room surveys will be conducted in accordance with Health Physics Condition No. 2.

x. Personnel Dosimetry will be requested in accordance with Health Physics Condition No. 1. Assigned dosimetry monitors will be worn by all participating personnel.

Whole Body ☐

TLD Ring ☐

y. Are there any significant "NON-RADIATION" personnel hazards associated with this experiment; (Biological [Aids, etc.], Hazardous Chemicals [Toxic, Explosive, Corrosive etc.], Sharps, Lasers, Microwaves, electrical etc.) that may effect Health Physics personnel during routine inspections, surveys or waste handling procedures.

If yes specify:

NO ☒ YES ☐

The Research Protocol described above is designed to ensure that occupational radiation exposures and the release of radioactive effluents to the environment will be "as low as reasonably achievable" (ALARA) during all phases of the research procedure.

Printed Name and Signature of Principal User:

CHRISTOPHER P. CHEWNEY *CPC*

Date: 16 JULY 93

Rank/GS grade LTC

Title:

Staff Gastroenterologist

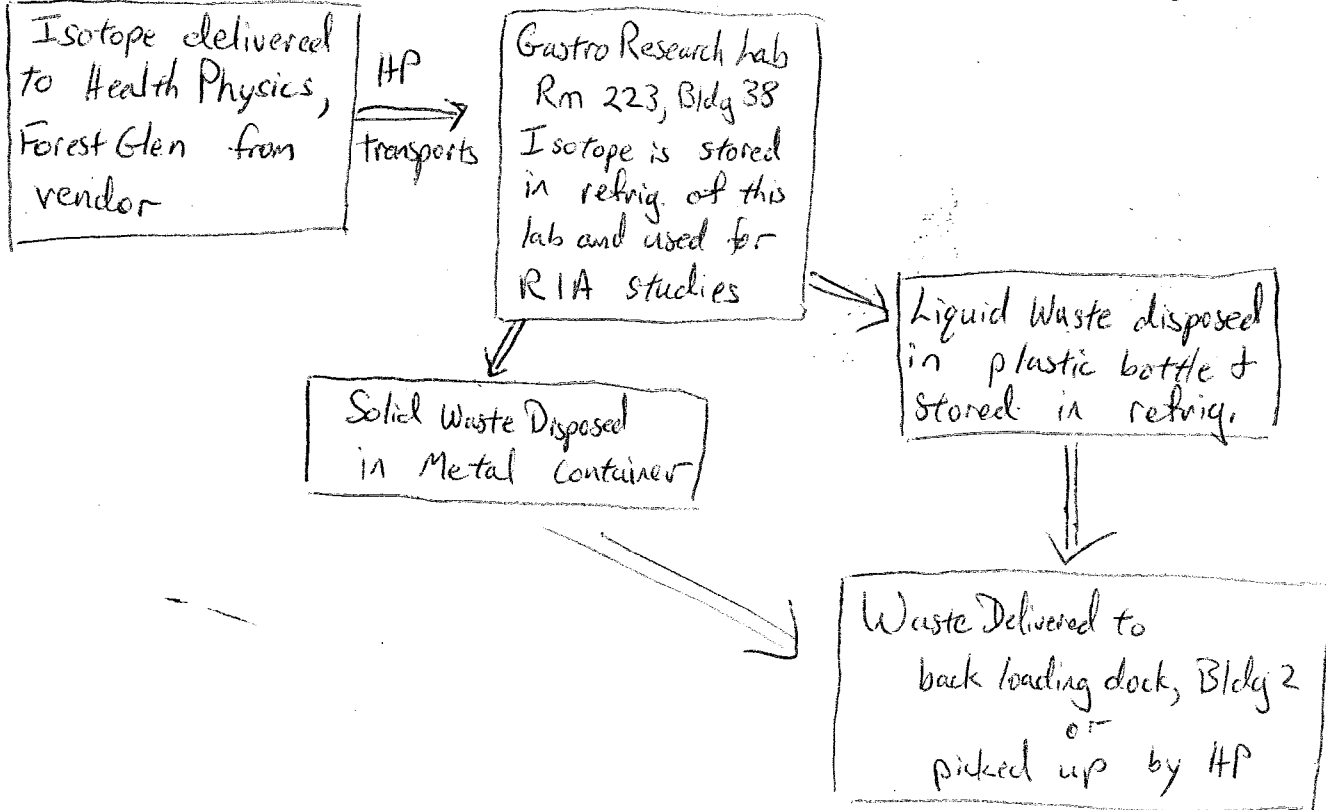
Telephone Number

6-1765

HEALTH PHYSICS RADIOACTIVE PROTOCOL

a. Principal User LTC Chris Cheney, MD	b. Telephone Number (202) 576-1765-8	c. Authorization Number 642
d. Coworkers MAJ Donald Cole, MD Corinne Maydonovitch	e. Trainees	f. Technicians
g. Radioisotope(s) 125 I	h. Physical/Chemical Form 125 I - Epidermal Growth Factor	i. Maximum Quantity per Experiment (mCi) 0.05 mCi
j. Title of Project - Protocol #1406 - Helicobacter pylori: Serologic and Salivary studies as a Measure of Efficacy at Treatment		
k. Beginning Date Jul 93	l. Ending Date not known	m. Repetitive Study Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

n. Life Cycle of Radioisotope Utilized for Research Procedure (Use block/flow diagram to show what, how, where, how much isotope is used from receipt to disposal; emphasize major steps (incubate over night, run gel, autoradiography, etc.), including kinds and volumes of waste generated.)



o. Labeling and Transport of Radioactive Material: All radioactive solutions, tissues, animals and waste will be identified by proper labels. Transport of radioactive material between authorized work areas will be conducted in a manner that precludes the spread of contamination and inadvertent exposure of non-participating personnel.

p. Laboratory Animal Usage:

None



If yes, complete following:

Species:

Room:

Bldg:

Disposition of animals:

q. Isotope Utilization Locations:

(1)

(2)

(3)

(4)

(5)

Building

38

Room

223

Maximum Amount (mCi)

0.05

r. Maximum Amount in Possession (mCi)

0.05

Bldg

Room

Maximum Amt (mCi)

s. Isotope Storage Location(s)

38

223

0.05

t. Waste Storage Location(s)

38

223

0.05

u. Animal/Tissue Storage Location

v. All radioactive waste will be transferred to the Health Physics Office in accordance with Health Physics Condition No. 4.

w. All room surveys will be conducted in accordance with Health Physics Condition No. 2.

x. Personnel Dosimetry will be requested in accordance with Health Physics Condition No. 1. Assigned dosimetry monitors will be worn by all participating personnel.

Whole Body



TLD Ring



y. Are there any significant "NON-RADIATION" personnel hazards associated with this experiment; (Biological [Aids, etc.], Hazardous Chemicals [Toxic, Explosive, Corrosive etc.], Sharps, Lasers, Microwaves, electrical etc.) that may effect Health Physics personnel during routine inspections, surveys or waste handling procedures.

If yes specify:

NO



YES



The Research Protocol described above is designed to ensure that occupational radiation exposures and the release of radioactive effluents to the environment will be "as low as reasonably achievable" (ALARA) during all phases of the research procedure.

Printed Name and Signature of Principal User:

CHRISTOPHER P. CITRINEY

C.P. Citriney

Date:

16 July 93

Rank/GS grade

LTC

Title:

Staff Gastroenterologist

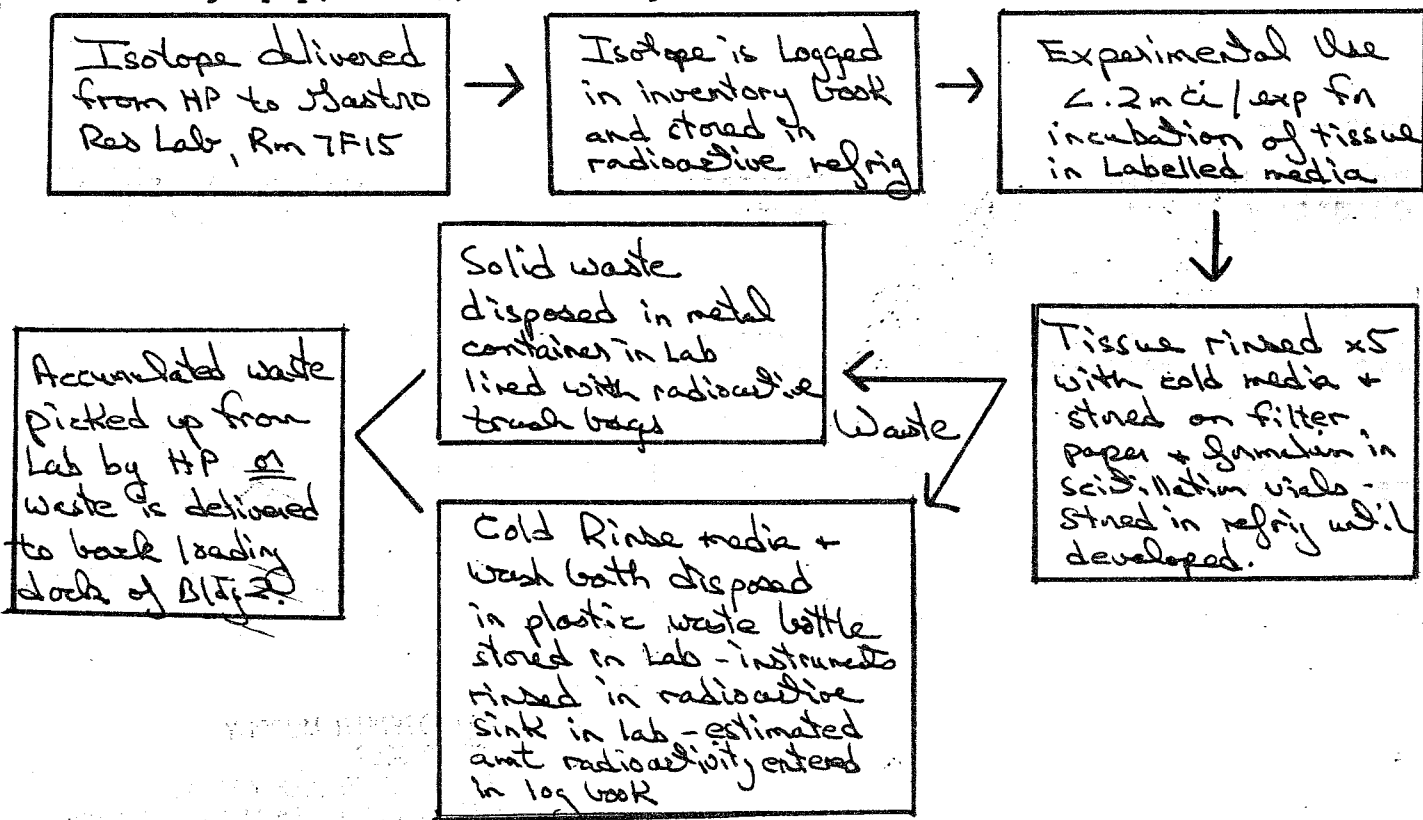
Telephone Number

6-1765

HEALTH PHYSICS RADIOACTIVE PROTOCOL

a. Principal User Murphy, Joseph	b. Telephone Number 576-1765 (202)	c. Authorization Number #642
d. Coworkers Wong, Roy KH	e. Trainees Cheney, Chris Crespo, Israel	f. Technicians Maydonovitch, Corinne Tewell, Richard
g. Radioisotope(s) 3-H	h. Physical/Chemical Form Thymidine	i. Maximum Quantity per Experiment (mCi) .2 mCi
j. Title of Project Association of Acromegaly and Intermediate Markers of neoplasia		
k. Beginning Date 6/90	l. Ending Date Present	m. Repetitive Study Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

n. Life Cycle of Radioisotope Utilized for Research Procedure (Use block/flow diagram to show what, how, where, how much isotope is used from receipt to disposal; emphasize major steps (incubate over night, run gel, autoradiography, etc.), including kinds and volumes of waste generated.)



o. Labeling and Transport of Radioactive Material: All radioactive solutions, tissues, animals and waste will be identified by proper labels. Transport of radioactive material between authorized work areas will be conducted in a manner that precludes the spread of contamination and inadvertent exposure of non-participating personnel.

COPY

71192

APPLICATION FOR AUTHORIZATION TO USE RADIOACTIVE MATERIAL - NON-HUMAN USE

1. APPLICATION FOR:	<input type="checkbox"/> NEW AUTHORIZATION	<input checked="" type="checkbox"/> RENEWAL OF AUTHORIZATION NUMBER	<input type="checkbox"/> AMENDMENT TO AUTHORIZATION NUMBER
Cheney, Chris MAJ		642	

2. APPLICANT'S NAME (Last, First, MI) (Principal User)	3. APPLICANT'S MAILING ADDRESS (Include Organization)
Murphy, Joseph	642
TELEPHONE NUMBER	
202-576-1765-8	Bldg 2, Rm 7F

(IF MORE SPACE IS NEEDED FOR ANY ITEM, USE ADDITIONAL PROPERLY KEYED PAGES.)

4. List all CO-WORKERS	5. List all TRAINEES	6. List all TECHNICIANS
Roy K. H. Wang, MD Dobek, Arthur Dr.	Chris Cheney, MD Israel Crespo, MD Cole, Donald MAJ	Richard Terrell Corinne Maydenovich Terrell, Richard Dittrich, Julie Hayse, Christina

ON AUTH 676

7. LOCATIONS WHERE MATERIAL WILL BE USED: (Building and Associated Rooms)	
Bldg 2, Rm 7F15, 7268, 7270, 7F68, 7F70	Bldg 38 Rm 221, 223
8. LOCATIONS WHERE MATERIAL WILL BE STORED: (Building and Associated Rooms)	
Bldg 2, Rm 7F15, 7268, 7270, 7F68, 7F70	Bldg 38 Rm 221, 223
9. RADIOACTIVE WASTE DISPOSAL SINK IN ROOM:	
Bldg 2, Rm 7F15	Bldg 38 Rm 223

X. RADIOACTIVE MATERIAL DATA

A. RADIOISOTOPE	B. CHEMICAL AND/OR PHYSICAL FORM (Sealed or Unsealed)	C. POSSESSION LIMIT	D. USE
3-H	Tritiated water Thymidine	5mCi	Tissue culture, membrane Transport
99mTc	Technetium	1mCi	Absorption Studies
125-I	unsealed	0.05mCi	Emptying Studies

CERTIFICATE

(This item must be completed by applicant)

I certify that this application is prepared in conformity with FRAC Regulations and that all information contained herein, including any supplements attached hereto, is true and correct to the best of my knowledge and belief.

APPLICATION FOR AUTHORIZATION TO USE RADIOACTIVE MATERIAL -- NON-HUMAN USE

1. APPLICATION FOR:		<input type="checkbox"/> NEW AUTHORIZATION <input checked="" type="checkbox"/> RENEWAL OF AUTHORIZATION NUMBER 642	<input type="checkbox"/> AMENDMENT TO AUTHORIZATION NUMBER
2. APPLICANT'S NAME (Last, First, MI) (Principal User) Murphy, Joseph		3. APPLICANT'S MAILING ADDRESS (Include Organization) Gastroenterology Svc Bldg 2, Rm 7F	
TELEPHONE NUMBER 202-576-1765-8			
(IF MORE SPACE IS NEEDED FOR ANY ITEM, USE ADDITIONAL PROPERLY KEYED PAGES.)			
4. List all CO-WORKERS Roy K. H. Wang, MD Dobek, Arthur Dr.		5. List all TRAINEES Chris Cheney, MD Isabel Crespo, MD Cecilia...	
		6. List all TECHNICIANS Richard Terrell Corinne Maydum Terrell, Richard Parkis, Julie Hayes, Christina	
7. LOCATIONS WHERE MATERIAL WILL BE USED (Building and Associated Rooms) Bldg 2, Rm 7F15 7268, 7270 Bldg 38 Rm 223 7F68, 7F70 BLDG 38 Rm 221, 223			
8. LOCATIONS WHERE MATERIAL WILL BE STORED (Building and Associated Rooms) Bldg 2, Rm 7F15 7268, 7270 Bldg 38 Rm 223 7F68, 7F70 BLDG 38 Rm 221, 223			
9. RADIOACTIVE WASTE DISPOSAL SINK IN ROOM Bldg 2, Rm 7F15 7268, 7270 Bldg 38 Rm 223 7F68, 7F70 BLDG 38 Rm 223			
B. RADIOACTIVE MATERIAL DATA			
A. RADIOSOTOPE	B. CHEMICAL AND/OR PHYSICAL FORM (Sealed or Unsealed)	C. POSSESSION LIMIT	D. USE
3-H	Tritiated water		Culture, Transport
99m-Tc 125 I	Technetium		Studies

CERTIFICATE

(This item must be completed by applicant)

I certify that this application is in conformity with FRAMC Regulations and that all information contained herein, including any supplements attached hereto, is true and correct to the best of my knowledge and belief.

1. I ACKNOWLEDGE MY RESPONSIBILITY AS PRINCIPAL USER AS DEFINED IN FRAMC REGULATIONS

12. ADMINISTRATIVE APPROVAL:

1. I ACKNOWLEDGE MY RES
IN WRAMC REGULATIONS

PRINCIPAL USER AS DEFINED

12. ADMINISTRATIVE APPROVAL _____

DATE: 28 AUG 92

Authorization Review Process
Branch Input

Auth # 642

	A	B	COMMENTS
1	X	DNB	
2	X	DNB	
3	X	DNB	
4	NA	WCH	Same
5	NA	WCH	
6	NA	WCH	
7	X	DNB	
8	X	DNB	on file with HPO
9	NA	DNB	
10	X	WCH	
11	NA	WCH	
12			
13			
14			
15			

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- (6) - TS Branch instrumentation assignment
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- (9) - Fort Detrick - Auth#'s 541, 618, 619, 620, 621
- (10) - TS Branch Bioassay
- (11) - TS Branch Personnel dosimetry

- (A) - (X) when complete, (0) when pending, and () when pending completed
- (B) - Initial of branch representative when complete or pending issues are resolved
- (C) - Comments

WRAMC
Audit of Radioactive Material
(In accordance with AR 40-37 & 40-61)

Inspector: D. Burt Date: 23 May 95 Auth: 642

1. DA form 3862 [NO] [YES] NA
2. Within limits [NO] [YES]
3. Inventory Control Officer: Corrine
Room: 7 Z 70
4. WRAMC Regulation 40-10 [NO] [YES]
5. WRAMC Authorization on hand [NO] [YES]
6. General Provisions - Terms & Conditions [NO] [YES]
7. LSC - Source No. & Location: 7 Z 68
8. WRAMC form 538 - current [NO] [YES]
9. Sink log [NO] [YES] NA
10. Signs & Labels: _____
11. Personnel [Additions] [Deletions]
Cole, Dobek
12. General Comments: Dropp 38-223 check with 676
(already on 676)

Principal User: LTC Cheney

Authorized Representative: _____

Signature

Date

APPROVED BY
RCC

31 MAY 1995

DATE

David W. Burt

5/23/95
24 May 95

26 MAY 1995

This Application is given
interim approval until the
next meeting of the RCC which is scheduled for: 31 MAY 1995

WILLIAM B. JOHNSON
COL, MS Water
CHIEF, HEALTH PHYSICS OFFICE

DATE: 24 May 95

Authorization Review Process
Branch Input

Auth # 642

	A	B	COMMENTS
1	X	29MB	
2	NA	29MB	
3	NA	29MB	
4	NA	BWR	
5	NA	BWR	
6	NA	BWR	
7	NA	29MB	
8	NA	29MB	
9	NA	29MB	
10	NA	PT	
11	NA	PT	
12			
13			
14			
15			

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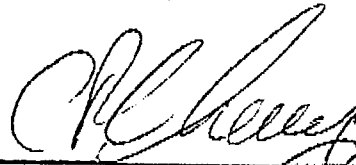
HSHL-MGI

26 OCTOBER 1994

MEMORANDUM FOR Health Physics Office,
CPT Snyder

SUBJECT Activate Labs for Radioactive Use - Auth # 642

1. Please activate and post DCI Labs located in BLDG 2, Rms 7E68 & 7E70 for radioactive use. These rooms are listed under authorization #642.
2. POC: Corinne Maydonovitch; 202-756-1765, -1766.



LTC Christopher Cheney, MC
Principal User #642
Staff, Gastroenterology Service

APPROVED BY
RCC

DEC 08 1994

DATE



WILLIAM B. JOHNSON
LTC, MS
CHIEF, HEALTH PHYSICS OFFICE

NOV 17 1994

This Application is given
interim approval until the
next meeting of the RCC
which is scheduled for:.....

FEB 95

DATE: 8 NOV 94

Authorization Review Process
Branch Input

Auth # 1642

	A	B	COMMENTS
1	X	PRB	
2	NA	PRB	
3	NA	PRB	
4	X	PRB	
5	NA	PRB	
6	NA	PRB	
7	NA	PRB	
8	NA	PRB	
9	NA	PRB	
10	NA	PRB	
11	NA	PRB	
12			
13			
14			
15			

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- (B) - Initial of branch representative when complete or pending issues are resolved
- (C) - Comments

AUTHORIZATION # 642

(8) Medical Surveillance Program: Medical examinations are not routinely needed incident to occupational exposure to ionizing radiation.

(9) Pregnancy Surveillance Program: When a pregnant woman is occupationally exposed to ionizing radiation, the embryo-fetus enters the radiation environment involuntarily. Therefore, the female employee is responsible for advising her employer of the fact that she is pregnant. The employer must notify Health Physics of the pregnancy as soon as possible so the Pregnancy Surveillance Program can be implemented (see Paragraph 3-2b, AR 40-14).

B. All personnel will acknowledge receiving and understanding the above information by signing and dating this form or WRAMC Form 538, Radiation Worker Briefing.

SIGN-IN FOR ANNUAL TRAINING:

DATE - 10 Oct 94

-----	Deleted	-----
COLE, Donald	→	PCS in 6/94
-----		-----
DOBEK, Arthur		Arthur S. Dobek
-----		-----
MAYDONOVITCH, Corinne		Corinne Maydonovitch
-----		-----
TERRELL, Richard		Richard Terrell
-----		-----
Darkis, Julie	Added 1984	Julie Darkis
-----		-----
Hayse, Christina	Added 1985	Christina H. Hayse
-----		-----
Darkis + Hayse added as staff workers.		-----

APPROVED BY
RCC

DEC 08 1994

DATE

With B. Johnson
WILLIAM B. JOHNSON

LTC, MS

CHIEF, HEALTH PHYSICS OFFICE

NOV 17 1994

This Application is given
interim approval until the
next meeting of the RCC
which is scheduled for: FEB 95

As Principal User I have insured that the above named individuals have received a briefing in accordance with 10 CFR Part 19.

CHENEY, Christopher LTC

SIGNATURE

DATE

* Individuals indicated with an asterisk may work in or frequent my areas where radioisotopes are used or stored, but do not work with radioactive material under my authorization, and are not to be added to my radioactive material authorization.

Revised 1 July 1994

DATE: 31 OCT 94

Authorization Review Process
Branch Input

Auth # 642

	A	B	COMMENTS
1	X	BNB	
2	NA	BNB	
3	NA	BNB	
4	NA	W	
5	NA	W	
6	NA	W	
7	X	BNB	
8	NA	BNB	
9	NA	BNB	
10	NA	BNB	
11	NA	BNB	
12			
13			
14			
15			

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 - (8) - Training - WRAMC Form 1643 (Training and Experience Form)
 - (9) - Fort Detrick - Auth#'s 541, 618, 619, 620, 621
 - (10) - TS Branch Bioassay
 - (11) - TS Branch Personnel dosimetry
- (A) - (X) when complete, (0) when pending, and () when pending completed
 (B) - Initial of branch representative when complete or pending issues are resolved
 (C) - Comments

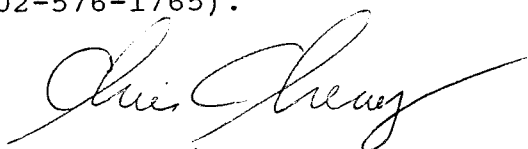
HS HL-MGI

025
~~July 20~~, 1994

MEMORANDUM FOR: David Burton
C, Radioactive Control Branch

SUBJECT: Laboratory addition to Auth #642

1. Please add two (2) DCI laboratories located in rooms 7Z68 and 7Z70, Bldg 2 to Authorization #642.
2. POC: Corinne Maydonovitch (202-576-1765).



LTC Chris Cheney, M.D.
Principal User #642
Gastroenterology Service/WRAMC

APPROVED BY
RCC

DEC 08 1994

DATE



WILLIAM B. JOHNSON
LTC, MS
CHIEF, HEALTH PHYSICS OFFICE

OCT 24 1994

This Application is given
interim approval until the
next meeting of the RCC
which is scheduled for: FEB 95

DATE: 21 OCT 94

Authorization Review Process
Branch Input

Auth # 642

	A	B	COMMENTS
1	NA	BMB	
2	NA	BMB	
3	NA	BMB	
4	NA	NA	
5	NA	NA	
6	NA	NA	
7	NA	BMB	
8	NA	BMB	
9	NA	BMB	
10	NA	QND	
11	NA	QND	
12			
13			
14			
15			

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 - (5) - OPS Branch room final survey
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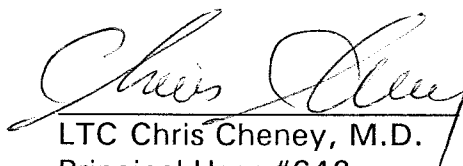
HSHL-MGI

21 June 94

MEMORANDUM FOR: Mr. David Burton
C, Radioactive Control Branch

Subject: Reactivate Authorization #642

1. Request that authorization #642 be reactivated to use the radioisotope, I-125, in Bldg 38, Rms 221 and 223. The isotope will be used to perform a radioimmunoassay for epidermal growth factor. Currently, building 38 is listed under authorization #676.
2. Please add Dr. Dobek to Auth #642. He has previous radioisotope experience and in the past was the principal user for inactive Auth #614. A completed training card is being forwarded.
3. POC: Ms. Maydonovitch or Dr. Cheney ; 202-576-1765.



LTC Chris Cheney, M.D.

Principal User #642

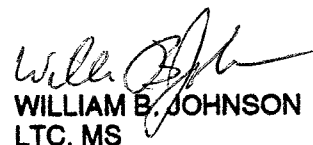
Gastroenterology Service

JUL 14 1994

APPROVED BY
RCC

SEP 16 1994

DATE



WILLIAM B. JOHNSON
LTC, MS

CHIEF, HEALTH PHYSICS OFFICE

This Application is given
interim approval until the
next meeting of the RCC
which is scheduled for:

Aug 94

DATE: 22 June 94

Authorization Review Process
Branch Input

Auth # 642

	A	B	COMMENTS
1	X	DRNB	
2	X	DRNB	on file
3	X	DRNB	I-125 0.05 mCi
4	X	WSS	642 #3
5	X	WSS	
6	X	WSS	
7	X	DRNB	1592
8	X	DRNB	
9	NA	DRNB	
10	NA	DRNB	
11	NA	DRNB	
12			
13			
14			
15			

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- (6) - TS Branch instrumentation assignment
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- (9) - Fort Detrick - Auth#'s 541, 618, 619, 620, 621
- (10) - TS Branch Bioassay
- (11) - TS Branch Personnel dosimetry

- (A) - (X) when complete, (0) when pending, and () when pending completed
- (B) - Initial of branch representative when complete or pending issues are resolved
- (C) - Comments

SHSL-HP (385-11h) 1st End

Mr. David W. Burton/ab/427-5107

Health Physics Officer, WRAMC

22 FEB 1993

FOR: Clinical Investigation, ATTN: MAJ Joseph Murphy, Auth # 642

This will place the whole authorization on hold because it is the only room.



ARTHUR G. SAMILSAN
LTC, MS
Health Physics Officer

This Application is given
interim approval until the
next meeting of the RCC
which is scheduled for:.....**MARCH 93**

APPROVED BY
RCC

04 MAR 1993

DATE

HSHL-MGI

January 10, 1994

MEMORANDUM FOR: David Burton
Radioactive Control Branch

THRU: CPT Matthew Payne
C, General Support Lab, DCI
Principal User for Auth #676

SUBJECT: Change in Authorization for Bldg 38 laboratory

1. Please change the Radioactive authorization # for Bldg. 38 laboratories, Rms 221, 223, 224 from Auth #642 to Auth #676.
2. POC: Corinne Maydonovitch (202-576-1765)

Chris Cheney
LTC Chris Cheney, M.D.
Principal User #642
Gastro Service/WRAMC

HSHL-HP (385-11h) 1st End

Mr. David W. Burton/ab/427-5107

Health Physics Officer, WRAMC

MAR 09 1994

FOR: Clinical Investigation, ATTN: LTC Chris Cheney, Auth # 642

APPROVED BY
RCC

MAR 17 1994

DATE

CF:
CPT Matthew Payne

Mark A. Melanson
MARK A. MELANSON
CPT, MS
Health Physics Officer

This Application is given
interim approval until the
next meeting of the RCC
which is scheduled for

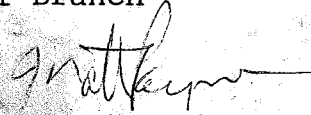
MARCH 94

HSHL-MGI

January 10, 1994

MEMORANDUM FOR: David Burton
C, Radioactive Control Branch

THRU: CPT Matthew Payne
C, General Support Lab, DCI
Principal User for Auth #676



SUBJECT: Change in Authorization for Bldg 38 laboratory

1. Please change the Radioactive authorization # for Bldg 38 laboratories, Rms 221, 223, 224 from Auth #642 to Auth #676.
2. POC: Corinne Maydonovitch (202-576-1765)



LTC Chris Cheney, M.D.
Principal User #642
Gastro Service/WRAMC

DATE: 18 Feb 94

Authorization Review Process
Branch Input

Auth # 676 / 642 / 610

	A	B	COMMENTS
1	X	DMB	610 rms on hold
2	NA	DMB	
3	NA	DMB	
4	X	DMB	
5	X	DMB	
6	NA	DMB	
7	NA	DMB	
8	NA	DMB	
9	NA	DMB	
10	X	WR	
11	X	WR	
12			
13			
14			
15			

Index of Numbers and Symbols used above:

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- (9) - Fort Detrick - Auth#'s 541, 618, 619, 620, 621
- (10) - TS Branch Bioassay
- (11) - TS Branch Personnel dosimetry

- (A) - (X) when complete, (0) when pending, and () when pending completed
- (B) - Initial of branch representative when complete or pending issues are resolved
- (C) - Comments

WRAMC
Audit of Radioactive Material
(In accordance with AR 40-37 & 40-61)

Inspector: C. Collins Date: 2 NOV 93 Auth: 642

1. DA form 3862 [NO] [YES]
2. Within limits [NO] [YES]
3. Inventory Control Officer: Ms. C. Maydonovitch
Room: BUDG 2, 7 F15
4. WRAMC Regulation 40-10 [NO] [YES]
5. WRAMC Authorization on hand [NO] [YES]
6. General Provisions - Terms & Conditions [NO] [YES]
7. LSC - Source No. & Location: N/A
8. WRAMC form 538 - current [NO] [YES]
9. Sink log. [NO] [YES]
10. Signs & Labels: OK
11. Personnel [Additions] [Deletions]
Richard Ferrell -TK (check to see if
12. General Comments: already added to auth)

Principal User: Ms. C. Maydonovitch Authorized Representative: C. Collins
Signature 2 Nov 93
Date

HSHL-HP

November 5, 1993

MEMORANDUM FOR Clinical Investigation, ATTN: LTC Chris Cheney

SUBJECT: Authorization # 642



ARTHUR G. SAMILJAN
LTC, MS
Chief, Health Physics Office

This Application is given
interim approval until the
next meeting of the RCC
which is scheduled for: DEC 93

APPROVED BY
RCC

DEC 16 1993

DATE

DATE: 2 NOV 93

Authorization Review Process
Branch Input

Auth # 642

	A	B	COMMENTS
1	X	DPMB	538 signed by P. U.
2	NA	DPMB	
3	NA	DPMB	
4	N/A	DPK	
5	N/A	DPK	
6			
7	X	DPMB	
8	NA	DPMB	
9	NA	DPMB	
10	KH	UES	
11	X	UR	
12			
13			
14			
15	672		Richard Ferrell NR NOV 03 1993

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 - (8) - Training - WRAMC Form 1643 (Training and Experience Form)
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 - (11) - TS Branch Personnel dosimetry
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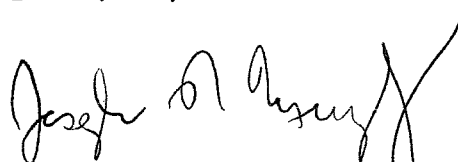
HSHL-MGI

July 7, 1993

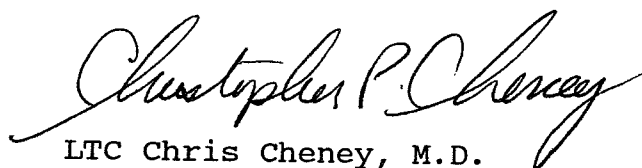
MEMORANDUM FOR: Mr David Burton
C, Radioactive Control Branch

SUBJECT: Reactivate Radioactive Laboratory

1. Request that the research laboratory located in Bldg 38, Rms 221, 223, 224 be reactivated as radioactive areas; HP Auth # 642.
2. Effective July 26, 1993, LTC Chris Cheney, M.D., will be Principal User for this authorization. Attached is his Training and Experience form and a signed Annual Training form.
3. POC: Corinne Maydonovitch or Dr Cheney, (202) 576-1765.



MAJ Joseph Murphy, M.D.
Principal User #642
Gastro Service/WRAMC



LTC Chris Cheney, M.D.
Gastro Service/ WRAMC

HSHL-HP (385-11h) 1st End

Mr. David W. Burton/ab/427-5107

Health Physics Officer, WRAMC

SEP 27 1993

FOR: Clinical Investigation, ATTN: LTC Chris Cheney, Auth # 642

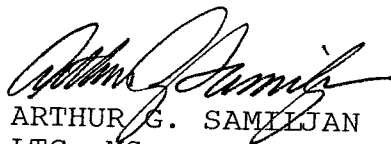
APPROVED BY
RCC

DEC 16 1993

CF:

DATE

MAJ Joseph Murphy



ARTHUR G. SAMILJAN
LTC, MS
Health Physics Officer

This Application is given
interim approval until the
next meeting of the RCC
which is scheduled for: DEC 93

HSHL-MGI

August 2, 1993

MEMORANDUM FOR:

Mr. David Burton
C, Radioactive Control Branch

SUBJECT: Authorization to use 125 Iodine

1. Request that 125 Iodine (maximum possession limit = 0.050 mCi) be added to radioactive authorization # 642.
2. Please add MAJ DONALD COLE, a gastroenterology fellow, as a trainee. He has had no formal training or direct experience in the use of radioisotopes, therefore, form WR-1643 was not filled out.
3. Please delete MAJ ISRAEL CRESPO from the authorization list. He is no longer at WRAMC.
4. POC: Corinne Maydonovitch or Dr Cheney, (202) 576-1765.



LTC Chris Cheney, M.D.
Principal User #642
Gastroenterology Service
WRAMC

HSHL-HP (385-11h) 1st End

Mr. David W. Burton/ab/427-5107

Health Physics Officer, WRAMC

AUG 31 1993

FOR: Clinical Investigation, ATTN: LTC Chris Cheney, Auth # 642



ARTHUR G. SAMILJAN
LTC, MS
Health Physics Officer

This Application is given
interim approval until the
next meeting of the RCC
which is scheduled for: DEC 93

DATE: 15 July 93

Authorization Review Process
Branch Input

Auth # 642

	A	B	COMMENTS
1	X	DNB	Change P.U. memo to add I-125
2	NA	DNB	H-3 only I-125
3	NA	DNB	will send isotope protocol + new memo
4	X	AW	need Key 223
5	NA	AW	
6	NA	DNB	H-3 only #
7	X	DNB	Maj Coles ?
8	X	DNB	" " Trainee
9	NA	DNB	
10	NA	UL	
11	NA	UCS	
12			
13			
14			
15			

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- (9) - Fort Detrick - Auth#'s 541, 618, 619, 620, 621
- (10) - TS Branch Bioassay
- (11) - TS Branch Personnel dosimetry

- (A) - (X) when complete, (0) when pending, and () when pending completed
- (B) - Initial of branch representative when complete or pending issues are resolved
- (C) - Comments

HS4L-H-HP (385-11a)

13 Jan 93

MEMORANDUM FOR: Principal User, Authorization 642

SUBJECT: Administrative Hold Procedures

1. Due to severe personnel shortages, the Health Physics Office has been forced to curtail all non-essential services so that available personnel can focus upon the services required to support the WRAMC NRC License.
2. Three consecutive months of room surveys and interviews with your staff have shown no usage of radioactive materials in room 7F15, bldg 2. Therefore, upon receipt of radioisotope disposition information, this room will be put on administrative hold.
3. Disposition of radioisotopes must be indicated by checking one of the options listed below.
4. If you do not wish to have this room taken off your authorization, complete option E.
5. POC this action is Mr. Burton at (301) 427-5104/07.

ARTHUR G. SAMILJAN
LTC, MS
Health Physics Officer

MEMORANDUM FOR: Health Physics Officer, WRAMC

7F15 (Gastro)

1. I acknowledge receipt of this notification.
2. As of 14 Jan 93, all radioactive material in this room will:
 - a. ☐ be transferred to another room on my authorization.
 - b. ☐ be transferred to authorization ☐.
 - c. ☒ be transferred to Health Physics for disposal.
 - d. ☐ There was no radioactive material in this room.
 - e. ☐ I intend to resume using radioactive material(s).

1) Date: _____

2) Radioisotope(s) to be used: _____

PRINCIPAL USER: Joseph A. [Signature]

AUTHORIZATION: 642

DATE: Jan 12, 1993

13 Jan 93

MEMORANDUM FOR: Principal User, Authorization 642

SUBJECT: Administrative Hold Procedures

1. Due to severe personnel shortages, the Health Physics Office has been forced to curtail all non-essential services so that available personnel can focus upon the services required to support the WRAMC NRC License.
2. Three consecutive months of room surveys and interviews with your staff have shown no usage of radioactive materials in room 7F15, bldg 2. Therefore, upon receipt of radioisotope disposition information, this room will be put on administrative hold.
3. Disposition of radioisotopes must be indicated by checking one of the options listed below.
4. If you do not wish to have this room taken off your authorization, complete option E.
5. POC this action is Mr. Burton at (301) 427-5104/07.

ARTHUR G. SAMILJAN
LTC, MS
Health Physics Officer

MEMORANDUM FOR: Health Physics Officer, WRAMC

7F15 (Gastro)

1. I acknowledge receipt of this notification.
2. As of 14 Jan 93, all radioactive material in this room will:
 - a. ☐ be transferred to another room on my authorization.
 - b. ☐ be transferred to authorization ☐.
 - c. ☒ be transferred to Health Physics for disposal.
 - d. ☐ There was no radioactive material in this room.
 - e. ☐ I intend to resume using radioactive material(s).

1) Date: _____

2) Radioisotope(s) to be used: _____

PRINCIPAL USER: _____

AUTHORIZATION: 642

DATE: Jan 12, 1993

HSHL-HP (385-11h) 1st End

Mr. David W. Burton/ab/427-5107

Health Physics Officer, WRAMC

22 FEB 1993

FOR: Clinical Investigation, ATTN: MAJ Joseph Murphy, Auth # 642

This will place the whole authorization on hold because it is the only room.



ARTHUR G. SAMILJAN
LTC, MS
Health Physics Officer

This Application is given
interim approval until the
next meeting of the RCC
which is scheduled for:.....MARCH 93

APPROVED BY
RCC

04 MAR 1993

DATE

DATE: 22 JAN 93

Authorization Review Process
Branch Input

Auth # 642

	A	B	COMMENTS
1	X	DMB	Auth on hold
2	NA	DMB	
3	NA	DMB	
4	NA	DMB	
5	X	DMB	
6	NA	DMB	
7	NA	DMB	
8	NA	DMB	
9	NA	DMB	
10	NA	DMB	
11	NA	DMB	
12	X	DMB	Pending turn-in of H-3, transferred
13			to another auth
14			
15			

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- (A) - (X) when complete, (O) when pending, and () when pending completed
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HEALTH PHYSICS RADIOACTIVE PROTOCOL

a. Principal User Murphy, Joseph	b. Telephone Number (202) 576-1765	c. Authorization Number # 642
d. Coworkers Wong, Roy KH	e. Trainees Cheney, Chris Crespo, Israel	f. Technicians Maydonavitch, Corinne Tebell, Richard
g. Radioisotope(s) 99-Tc	h. Physical/Chemical Form Technetium	i. Maximum Quantity per Experiment (mCi) 1 mCi
j. Title of Project Evaluation of Post-prandial Supine Reflux Evald by Simultaneous EM, pH monitoring & Scintiscanning in Pts with PSS with Severe Endoscopic Esoph		
k. Beginning Date 12/86	l. Ending Date Present	m. Repetitive Study Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

n. Life Cycle of Radioisotope Utilized for Research Procedure (Use block/flow diagram to show what, how, where, how much isotope is used from receipt to disposal; emphasize major steps (incubate over night, run gel, autoradiography, etc.), including kinds and volumes of waste generated.)

Isotope is utilized & stored in Nuclear Med
Dept

o. Labeling and Transport of Radioactive Material: All radioactive solutions, tissues, animals and waste will be identified by proper labels. Transport of radioactive material between authorized work areas will be conducted in a manner that precludes the spread of contamination and inadvertent exposure of non-participating personnel.

DISPOSITION FORM

For use of this form see AR 340-15; the proponent agency is TAGO.

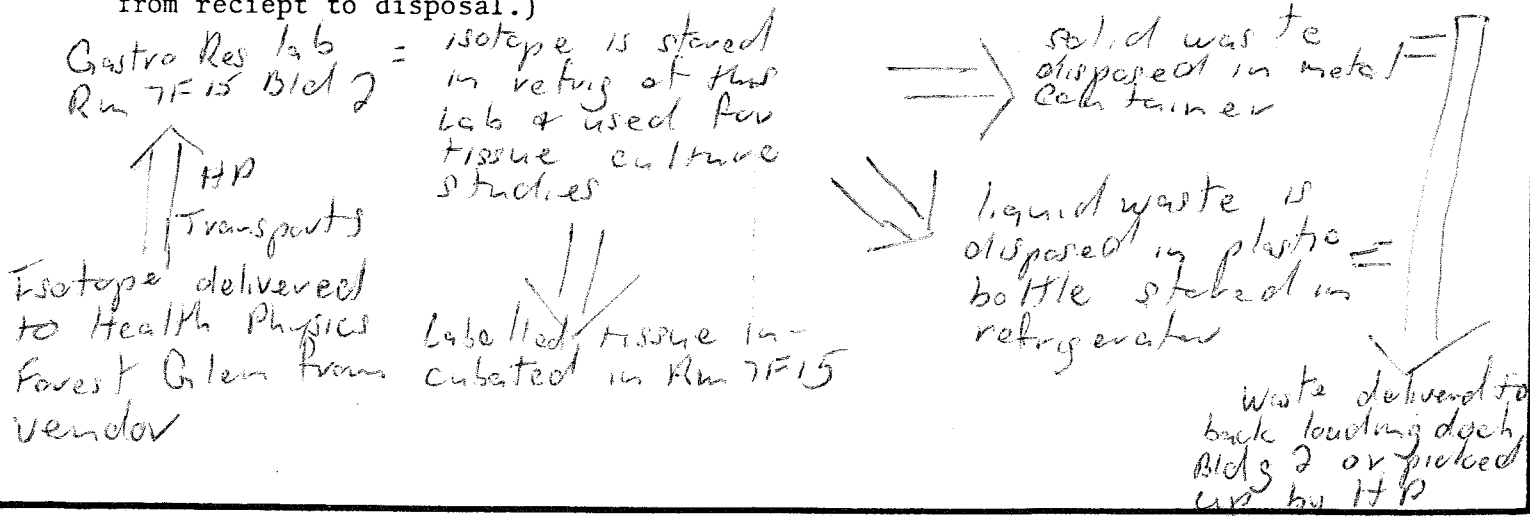
REFERENCE OR OFFICE SYMBOL HSHL-HP	SUBJECT Research Protocol for Isotope Named in the Application for Use of Radioactive Material Authorization # <u>642</u>
---	--

TO Health Physics Officer WRAMC	FROM	DATE	CMT 1
------------------------------------	------	------	-------

a. <u>Principal User</u> Raymond Phillips, MD Maj	Telephone Number 576-1765	Authorization Number 642
b. <u>Investigator & Auth#</u> (If different than (a.)) Co-worker Joseph R. Murphy, MD Maj	c. <u>Trainee & Auth#</u>	d. <u>Technician & Auth#</u>
e. <u>Radioisotope</u> 3-H	<u>Physical/Chemical form</u> 3-H Thymidine	<u>Maximum Quantity to be used per Experiment in millicuries (mCi)</u> 0.25 mCi
f. <u>Title of Project:</u> Acromegaly and Intermediate Markers of Neoplasia		<u>Maximum Quantity to be used for Entire Project (if known) in millicuries (mCi)</u> 2.5 mCi
g. <u>Beginning Date:</u> July, 1990	h. <u>Ending Date:</u> not known	i. <u>Repetitive Study</u> Yes <input type="radio"/> No <input checked="" type="radio"/>

j. Life Cycle of Radioisotope Utilized for Research Procedure:

(Use block/flow diagram to show (where, how much, whose, etc.,) isotope travel from receipt to disposal.)



k. Labelling and Transport of Radioactive Material

All radioactive solutions, tissues, animals and waste will be identified by proper label, in accordance with Health Physics Condition No. 4. Transport of radioactive material between authorized work areas and waste disposal sites will be conducted in a manner that precludes the spread of contamination and inadvertent exposure to non-participating personnel.

l. Laboratory Animal Usage

Species	Bldg#	Room#

m. Disposition of Animals



Not Applicable



Animals will be sacrificed and carcasses will be disposed of as radioactive waste.



Other (Specify)

n. Isotope Utilization Locations

	Location 1	Location 2	Location 3	Location 4
Building #	38	2		
Room #	221, 223	7F15		
Max. Amt (mCi)	1-2	1		

o. Isotope Storage Location

Building # 38 Room # 221 Max. Amt. (mCi) 5 mCi

p. Isotope Waste Storage Locations

(1) Biological: Bldg# 38 Room# 223

(2) All other: Bldg# 2 Room# 7F15



All radioactive waste will be transferred to the Health Physics collection point, WRAMC (Bldg 2 (NMTF) - loading dock) (1330 to 1430) Wednesday of each week.



All radioactive waste will be transferred to the Health Physics collection point, WRAIR (Bldg 40 - Room B079) Open Monday, Wednesday, & Friday 1030 to 1130 to 1230.



All radioactive waste will be transferred to the Health Physics collection point, WRAIR (Forest Glen Section) every Wednesday afternoon.

q. Radioactive Waste Disposal

All radioactive waste will be transferred to Health Physics Office in accordance with Health Physics Condition No. 4.

r. Room Survey

All room surveys will be conducted in accordance with Health Physics Condition No. 2.

s. Personnel Dosimetry

Whole Body ☐

Wrist Badge ☐

TLD Ring ☐

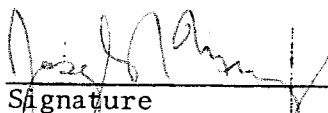
will be requested in accordance with Health Physics Condition No. 1.
Assigned dosimetry monitors will be worn by all participating personnel.

-
- t. Are there any significant non-radiation personnel hazards associated with experiments; (Biological, Explosive, Toxic substances, High Intensity Optical sources, Microwaves, or Electrical)
that would effect Health Physics personnel during there routine inspections of these areas.

☒ No

☐ Yes (Please specify)

The Research Protocol enumerated above and on the previous pages is designed to ensure that occupational radiation exposures and release of radioactive effluents to the environment will be "as low as reasonably achievable" (ALARA) during all phases of the research procedure.


Signature

8/29/90
Date

PERSONAL INFORMATION
WAS REMOVED BY NRC.
NO COPY OF THIS
INFORMATION WAS
RETAINED BY THE NRC

MAJ JOSEPH R. MURPHY

GASTROENTEROLOGY SERVICE
WALTER REED ARMY MEDICAL CENTER
WASHINGTON, D.C. 20307-5001

DISPOSITION FORM

For use of this form, see AR 340-15; the proponent agency is TAGO.

REFERENCE OR OFFICE SYMBOL HSHL-HP	SUBJECT Research Protocol for Isotope Named in the Application for Use of Radioactive Material Authorization # <u>642</u>
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Health Physics Officer WRAMC	FROM <u>Gastro Soc</u>	DATE <u>22 Dec 89</u>	CMT 1
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a. Principal User <u>Dr Phillips</u>	Telephone Number <u>576-1765</u>	Authorization Number <u>642</u>
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b. Investigator & Auth# (If different than (a.)) <u>Dr Roy Wong</u> <u>#642</u>	c. Trainee & Auth#	d. Technician & Auth#
--	--------------------	-----------------------

e. Radioisotope <u>22-Na, 42K, 36Cl, 45Ca</u> <u>never used</u> <u>14-C</u> <u>51Cr</u> <u>86Rb</u> <u>99-Tc</u> <u>10/05</u> <u>Dr. Burt</u>	Physical/Chemical form <u>Chlorides</u> <u>Carbohydrates</u> <u>Sodium Chromate</u> <u>Elemental</u> <u>Technician</u>	Maximum Quantity to be used per Experiment in millicuries (mCi) <u>250 mCi</u>
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f. Title of Project: <u>125, 311 RIA Kits</u> <u>Lithium, Nicotinic Acid, Aminophylline and</u> <u>16, 16 dm PGE₂ as Cytoprotective Agents</u>	Maximum Quantity to be used for Entire Project (if known) in millicuries (mCi) <u>not known</u>
--	--

g. Beginning Date: <u>9/80</u>	h. Ending Date: <u>not known</u>	i. Repetitive Study <u>Yes</u> No
-----------------------------------	-------------------------------------	--------------------------------------

j. Life Cycle of Radioisotope Utilized for Research Procedure:
(Use block/flow diagram to show (where, how much, whose, etc.,) isotope travel from receipt to disposal.)

HP delivers isotope
Bldg 38, Rm 221

Storage Rm 221 ———> Animal exp Rm 221, 223 ———> waste ———> animal carcasses freezer Rm 223

WRAIR disposal ———> Bldg 7

WRAIR Transp Bldg 7 ———> Bagged

solid/paper waste

WRAIR collection

ance with Health Physics

TLD Ring	
----------	--

Non-radiation personnel hazards associated with
Explosive, Toxic substances, High Intensity Optical
(Microwaves, or Electrical)
Health Physics personnel during there routine inspections

Yes(Please specify)

Signature Raymond Phillips Date 1/11/2017

12/29/89

Raymond W. Phillips, MD
MAJ, MC

PERSONAL INFORMATION
WAS REMOVED BY NRC.
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DISPOSITION FORM

For use of this form, see AR 340-15; the proponent agency is TAGO.

REFERENCE OR OFFICE SYMBOL

HS HL-HP

SUBJECT

Research Protocol for Isotope Named in the Application for Use of Radioactive Material
Authorization # 642

TO Health Physics Officer
WRAMC

FROM

Gastro Svc

DATE

27 Nov 89

CMT 1

a. Principal User

Raymond Phillips, MD
MAI

Telephone Number

576-1765-8

Authorization Number

642

b. Investigator & Auth#

(If different than (a.))

c. Trainee & Auth#

d. Technician & Auth#

Corinne Maydanovitch 642

e. Radioisotope

3-H

Physical/Chemical form

3-H Thymidine

Maximum Quantity to be used
per Experiment in millicuries
(mCi)

.025 mCi

f. Title of Project:

- The effect of normalization of Intraesophageal
pH on mucosal Proliferation in Barrett's
Esophagus.
- The effect of Beta-carotene on mucosal Prolifer-
ation in AEs with colonic carcinoma

Maximum Quantity to be used
for Entire Project (if known)
in millicuries (mCi)

not known

g. Beginning Date:

Oct, 1988

h. Ending Date:

not known

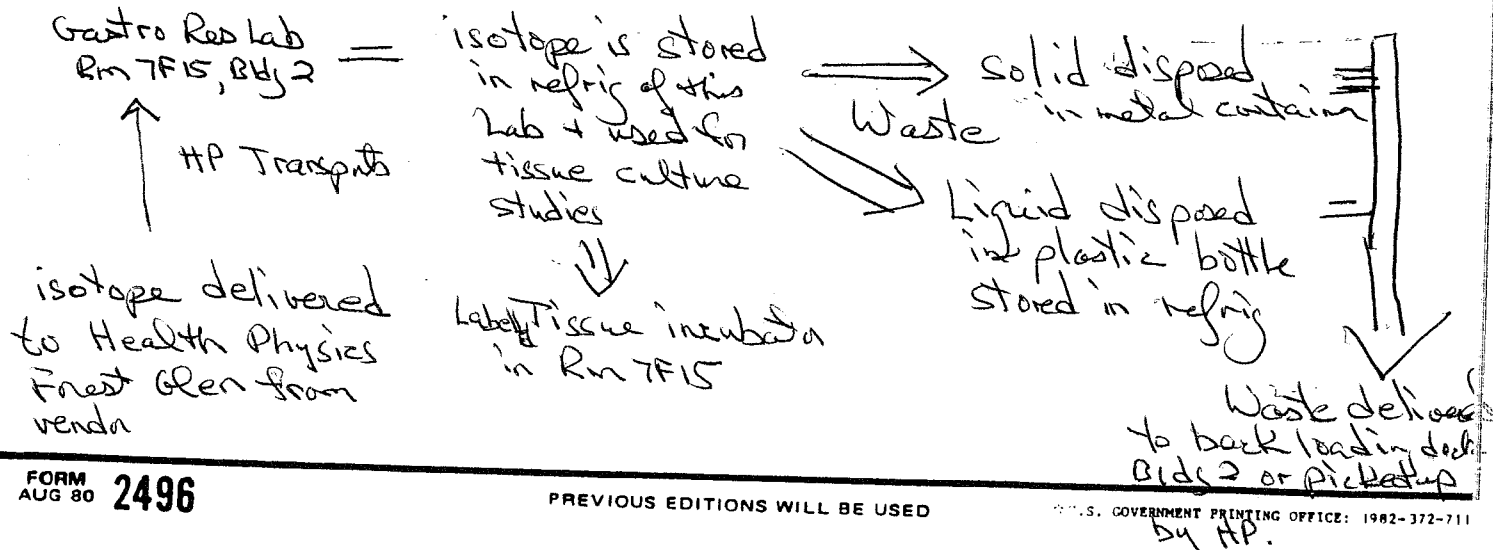
i. Repetitive Study

Yes

No

j. Life Cycle of Radioisotope Utilized for Research Procedure:

(Use block/flow diagram to show (where, how much, whose, etc.,) isotope travel from receipt to disposal.)



k. Labelling and Transport of Radioactive Material

All radioactive solutions, tissues, animals and waste will be identified by proper label, in accordance with Health Physics Condition No. 4. Transport of radioactive material between authorized work areas and waste disposal sites will be conducted in a manner that precludes the spread of contamination and inadvertent exposure to non-participating personnel.

l. Laboratory Animal Usage

Species	Bldg#	Room#

m. Disposition of Animals

☒ Not Applicable

☐ Animals will be sacrificed and carcasses will be disposed of as radioactive waste.

☐ Other (Specify)

n. Isotope Utilization Locations

	Location 1	Location 2	Location 3	Location 4
Building #	38	2		
Room #	221, 223	7F15		
Max. Amt (mCi)	1-2	1		

o. Isotope Storage Location

Building # 38 Room # 221 Max. Amt. (mCi) 5mCi

p. Isotope Waste Storage Locations

(1) Biological: Bldg# 38 Room# 223

(2) All other: Bldg# 2 Room# 7F15

☒ All radioactive waste will be transferred to the Health Physics collection point, WRAMC (Bldg 2 (NMTF) - loading dock) (1330 to 1430) Wednesday of each week.

☐ All radioactive waste will be transferred to the Health Physics collection point, WRAIR (Bldg 40 - Room B079) Open Monday, Wednesday, & Friday 1030 to 1130.

☐ All radioactive waste will be transferred to the Health Physics collection point, WRAIR (Forest Glen Section) every Wednesday afternoon.

q. Radioactive Waste Disposal

All radioactive waste will be transferred to Health Physics Office in accordance with Health Physics Condition No. 4.

r. Room Survey

All room surveys will be conducted in accordance with Health Physics Condition No. 2.

s. Personnel Dosimetry

Whole Body ☐

Wrist Badge ☐

TLD Ring ☐

will be requested in accordance with Health Physics Condition No. 1.
Assigned dosimetry monitors will be worn by all participating personnel.

-
- t. Are there any significant non-radiation personnel hazards associated with experiments; (Biological, Explosive, Toxic substances, High Intensity Optical sources, Microwaves, or Electrical)
that would effect Health Physics personnel during there routine inspections of these areas.



No



Yes(Please specify)

The Research Protocol enumerated above and on the previous pages is designed to ensure that occupational radiation exposures and release of radioactive effluents to the environment will be "as low as reasonably achievable" (ALARA) during all phases of the research procedure.

Raymond Phillips 11/28/89
Signature Date

Mal. Raymond Phillips

Gastroenterology Clinic
Walter Reed Army Medical Center
Washington, D.C. 20307-5001

PERSONAL INFORMATION
WAS REMOVED BY NRC.
NO COPY OF THIS
INFORMATION WAS
RETAINED BY THE NRC

DISPOSITION FORM

For use of this form, see AR 340-15; the proponent agency is TAGO.

REFERENCE OR OFFICE SYMBOL HSHL-HP		SUBJECT Research Protocol for Isotope Named in the Application for Use of Radioactive Material Authorization # <u>642</u>	
Health Physics Officer WRAMC		FROM COL Roy K.H. Wong, MD Gastroenterology DCI Research Lab	DATE 7 April 1987 CMT 1
a. <u>Principal User</u> COL Roy K.H. Wong, MD	<u>Telephone Number</u> 576-1765-8	<u>Authorization Number</u> 642	
b. <u>Investigator & Auth#</u> (If different than (a.)) NA	c. <u>Trainee & Auth#</u> NA	d. <u>Technician & Auth#</u> Corinne Maydonovitch Susan Greene SP Jacinto Rivera	
e. <u>Radioisotope</u> Cr ⁵¹	<u>Physical/Chemical form</u> Sodium Chromate	<u>Maximum Quantity to be used per Experiment in millicuries</u> 1 (mCi)	
f. <u>Title of Project:</u> DCI Approved Protocol #1432 Prot# H08-83 Lithium, Nicotinic Acid, Aminophylline, and 16, 16 Dimethyl PGE2 as cytoprotective agents.		<u>Maximum Quantity to be used for Entire Project(if known) in millicuries(mCi)</u> ongoing study not known	
g. <u>Beginning Date:</u> Sept ,.1983	h. <u>Ending Date:</u> ongoing	i. <u>Repetitive Study</u> Yes No	
j. <u>Life Cycle of Radioisotope Utilized for Research Procedure:</u> (Use block/flow diagram to show (where, how much, whose, etc.,) isotope travel from receipt to disposal.) Source delivered to HP --> HP notifies Dr Wong, Corinne Maydonovitch --> of arrival of isotope HP delivers to Bldg 38, where isotope is stored --> Isotope stored & shielded with pig under hood, ----> or in refrigerator Rm 223 Waste disposal: Liquid, collected in large bottles --> Waste disposed of no loading Solids in radioactive waste bags --> dock Low levels liquid poured down radioactive sink, Rm 223.			

k. Labelling and Transport of Radioactive Material

All radioactive solutions, tissues, animals and waste will be identified by proper label, in accordance with Health Physics Condition No. 4. Transport of radioactive material between authorized work areas and waste disposal sites will be conducted in a manner that precludes the spread of contamination and inadvertent exposure to non-participating personnel.

1. <u>Laboratory Animal Usage</u>			
Species	RATS	Bldg# 38	Room# 223

m. Disposition of Animals

- ☐ Not Applicable
- ☐ Animals will be sacrificed and carcasses will be disposed of as radioactive waste.
- ☒ Other(Specify) Specific organs ie, ~~st~~omach, intestine, are disposed of as radioisotope solid waste; remaining carcasses are disposed of to bldg 41, 4th floor animal freezer.

n. <u>Isotope Utilization Locations</u>		Location 1	Location 2	Location 3	Location 4
Building #		38	38	40	
Room #		223	221	2092	
Max. Amt (mCi)		1-2	1-2	1-2	

o. Isotope Storage Location

Building # 38 Room # 221,223 Max. Amt.(mCi) 5 mCi

p. Isotope Waste Storage Locations

- (1) Biological: Bldg# 38 Room# 223
- (2) All other: Bldg# Room#

- ☒ All radioactive waste will be transferred to the Health Physics collection point, WRAMC (Bldg 2 (NMTF) - loading dock)(1330 to 1430) Wednesday of each week.
- ☐ All radioactive waste will be transferred to the Health Physics collection point, WRAIR (Bldg 40 - Room B079) Open Monday, Wednesday, & Friday ~~1030 to 1130 to 1230.~~
- ☐ All radioactive waste will be transferred to the Health Physics collection point, WRAIR (Forest Glen Section) every Wednesday afternoon.

q. Radioactive Waste Disposal

All radioactive waste will be transferred to Health Physics Office in accordance with Health Physics Condition No. 4.

r. Room Survey

All room surveys will be conducted in accordance with Health Physics Condition No. 2.

s. Personnel Dosimetry

Whole Body ☐

Wrist Badge ☐

TLD Ring ☐

will be requested in accordance with Health Physics Condition No. 1.
Assigned dosimetry monitors will be worn by all participating personnel.

- t. Are there any significant non-radiation personnel hazards associated with experiments; (Biological, Explosive, Toxic substances, High Intensity Optical sources, Microwaves, or Electrical)
that would effect Health Physics personnel during there routine inspections of these areas.

☒ No

☐ Yes (Please specify)

The Research Protocol enumerated above and on the previous pages is designed to ensure that occupational radiation exposures and release of radioactive effluents to the environment will be "as low as reasonably achievable" (ALARA) during all phases of the research procedure.

Prof. F. H. Wong, M.A. 04/07/87
Signature Date

DISPOSITION FORM

For use of this form, see AR 340-15; the proponent agency is TAGO.

REFERENCE OR OFFICE SYMBOL HSHL-HP		SUBJECT Research Protocol for Isotope Named in the Application for Use of Radioactive Material Authorization # <u>642</u>	
Health Physics Officer WRAMC		FROM COL Roy K.H. Wong, MD Gastroenterology DCI Research Lab	DATE 7 April 1987 CMT 1
a. <u>Principal User</u> COL Roy K.H. Wong, MD	<u>Telephone Number</u> 576-1765-8	<u>Authorization Number</u> 642	
b. <u>Investigator & Auth#</u> (If different than (a.)) NA	c. <u>Trainee & Auth#</u> NA	d. <u>Technician & Auth#</u> Corinne Maydonovitch Susan Greene SP Jacinto Rivera	
e. <u>Radioisotope</u> K ⁴² <i>Never Used D. B. 10/05</i>	<u>Physical/Chemical form</u> Chlorides	<u>Maximum Quantity to be used per Experiment in millicuries</u> 1 (mCi)	
f. <u>Title of Project:</u> DCI Approved Protocol #1432 Prot# H08-83 Lithium, Nicotinic Acid, Aminophylline, and 16, 16 Dimethyl PGE2 as cytoprotective agents.		<u>Maximum Quantity to be used for Entire Project (if known) in millicuries (mCi)</u> ongoing study not known	
g. <u>Beginning Date:</u> Sept ,. 1983	h. <u>Ending Date:</u> ongoing	i. <u>Repetitive Study</u> Yes No	

j. Life Cycle of Radioisotope Utilized for Research Procedure:
(Use block/flow diagram to show (where, how much, whose, etc.,) isotope travel from receipt to disposal.)

Source delivered to HP --> HP notifies Dr Wong, Corinne Maydonovitch
of arrival of isotope ----->

HP delivers to Bldg 38, where isotope is stored --> Isotope stored & shielded with pig under hood,
or in refrigerator Rm 223 ----->

Waste disposal: Liquid, collected in large bottles --> Waste disposed of on loading
Solids in radioactive waste bags dock of Bldg 2
Low levels liquid poured down
radioactive sink, Rm 223.

k. Labelling and Transport of Radioactive Material

All radioactive solutions, tissues, animals and waste will be identified by proper label, in accordance with Health Physics Condition No. 4. Transport of radioactive material between authorized work areas and waste disposal sites will be conducted in a manner that precludes the spread of contamination and inadvertent exposure to non-participating personnel.

l. Laboratory Animal Usage

Species RATS

Bldg# 38

Room# 223

m. Disposition of Animals

☐

Not Applicable

☐

Animals will be sacrificed and carcasses will be disposed of as radioactive waste.

☒

Other (Specify) Specific organs ie, stomach, intestine, are disposed of as radioisotope solid waste; remaining carcasses are disposed of to bldg 41, 4th floor animal freezer.

n. Isotope Utilization Locations

	Location 1	Location 2	Location 3	Location 4
Building #	38	38	40	
Room #	223	221	2092	
Max. Amt (mCi)	1	1	1	

o. Isotope Storage Location

Building # 38 Room # 221,223 Max. Amt. (mCi) 1 mCi

p. Isotope Waste Storage Locations

(1) Biological: Bldg# 38 Room# 223

(2) All other: Bldg# Room#

☒

All radioactive waste will be transferred to the Health Physics collection point, WRAMC (Bldg 2 (NMTF) - loading dock) (1330 to 1430) Wednesday of each week.

☐

All radioactive waste will be transferred to the Health Physics collection point, WRAIR (Bldg 40 - Room B079) Open Monday, Wednesday, & Friday 1030 to 1130 to 1230.

☐

All radioactive waste will be transferred to the Health Physics collection point, WRAIR (Forest Glen Section) every Wednesday afternoon.

q. Radioactive Waste Disposal

All radioactive waste will be transferred to Health Physics Office in accordance with Health Physics Condition No. 4.

r. Room Survey

All room surveys will be conducted in accordance with Health Physics Condition No. 2.

s. Personnel Dosimetry

Whole Body ☐

Wrist Badge ☐

TLD Ring ☐

will be requested in accordance with Health Physics Condition No. 1.
Assigned dosimetry monitors will be worn by all participating personnel.

-
- t. Are there any significant non-radiation personnel hazards associated with experiments; (Biological, Explosive, Toxic substances, High Intensity Optical sources, Microwaves, or Electrical)
that would effect Health Physics personnel during there routine inspections of these areas.

☒ No

☐ Yes (Please specify)

The Research Protocol enumerated above and on the previous pages is designed to ensure that occupational radiation exposures and release of radioactive effluents to the environment will be "as low as reasonably achievable" (ALARA) during all phases of the research procedure.

Roy H. Wong, MD 04/07/87
Signature Date

DISPOSITION FORM

For use of this form, see AR 340-15; the proponent agency is TAGO.

REFERENCE OR OFFICE SYMBOL HSHL-HP	SUBJECT Research Protocol for Isotope Named in the Application for Use of Radioactive Material Authorization # <u>642</u>
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TO Health Physics Officer WRAMC	FROM COL Roy K.H. Wong, MD Gastroenterology DCI Research Lab	DATE 7 April 1987	CMT 1
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a. <u>Principal User</u> COL Roy K.H. Wong, MD	Telephone Number 576-1765-8	Authorization Number 642
---	--------------------------------	-----------------------------

b. <u>Investigator & Auth#</u> (If different than (a.)) NA	c. <u>Trainee & Auth#</u> NA	d. <u>Technician & Auth#</u> Corinne Maydonovitch Susan Greene SP Jacinto Rivera
--	-------------------------------------	---

e. <u>Radioisotope</u> Rb ⁸⁶ <i>Never used</i> <i>J. Bynon</i> <i>10/05</i>	<u>Physical/Chemical form</u> Elemental - in solution	<u>Maximum Quantity to be used per Experiment in millicuries</u> 2 (mCi)
---	--	---

f. <u>Title of Project:</u> DCI Approved Protocol #1432 Prot# H08-83 Lithium, Nicotinic Acid, Aminophylline, and 16, 16 Dimethyl PGE2 as cytoprotective agents.	<u>Maximum Quantity to be used for Entire Project(if known) in millicuries(mCi)</u> ongoing study not known
--	--

g. <u>Beginning Date:</u> Sept., 1983	h. <u>Ending Date:</u> ongoing	i. <u>Repetitive Study</u> Yes No
--	-----------------------------------	--------------------------------------

j. Life Cycle of Radioisotope Utilized for Research Procedure:
(Use block/flow diagram to show (where, how much, whose, etc.,) isotope travel from receipt to disposal.)

Source delivers to HP → HP notifies Dr Wong, Corinne Maydonovitch of arrival of isotope →

HP delivers to Bldg 38, where isotope is stored → isotope stored + shield with pig under hood, Rm 221 or radioactive refing Rm 223 →

Waste disposal: Liquid collected in lg plastic bottles
Solids in radioactive waste bags → Waste disposed of
Low level liquid poured down radioactive sink in Rm 223 on Loading dock, Bldg 2

k. Labelling and Transport of Radioactive Material

All radioactive solutions, tissues, animals and waste will be identified by proper label, in accordance with Health Physics Condition No. 4. Transport of radioactive material between authorized work areas and waste disposal sites will be conducted in a manner that precludes the spread of contamination and inadvertent exposure to non-participating personnel.

l. Laboratory Animal Usage

Species RATS

Bldg# 38

Room# 223

m. Disposition of Animals

☐ Not Applicable

☐ Animals will be sacrificed and carcasses will be disposed of as radioactive waste.

☒ Other (Specify) Specific organs ie, stomach, intestine, are disposed of as radioisotope solid waste; remaining carcasses are disposed of to bldg 41, 4th floor animal freezer.

n. Isotope Utilization Locations

	Location 1	Location 2	Location 3	Location 4
Building #	38	38	40	
Room #	223	221	2092	
Max. Amt (mCi)	1-2	1-2	1-2	

o. Isotope Storage Location

Building # 38 Room # 221, 223 Max. Amt. (mCi) 2 mCi

p. Isotope Waste Storage Locations

(1) Biological: Bldg# 38 Room# 223

(2) All other: Bldg# Room#

☒ All radioactive waste will be transferred to the Health Physics collection point, WRAMC (Bldg 2 (NMTF) - loading dock) (1330 to 1430) Wednesday of each week.

☐ All radioactive waste will be transferred to the Health Physics collection point, WRAIR (Bldg 40 - Room B079) Open Monday, Wednesday, & Friday 1030 to 1130 to 1230.

☐ All radioactive waste will be transferred to the Health Physics collection point, WRAIR (Forest Glen Section) every Wednesday afternoon.

q. Radioactive Waste Disposal

All radioactive waste will be transferred to Health Physics Office in accordance with Health Physics Condition No. 4.

r. Room Survey

All room surveys will be conducted in accordance with Health Physics Condition No. 2.

s. Personnel Dosimetry

Whole Body ☐

Wrist Badge ☐

TLD Ring ☐

will be requested in accordance with Health Physics Condition No. 1.
Assigned dosimetry monitors will be worn by all participating personnel.

- t. Are there any significant non-radiation personnel hazards associated with experiments; (Biological, Explosive, Toxic substances, High Intensity Optical sources, Microwaves, or Electrical) that would effect Health Physics personnel during there routine inspections of these areas.

☒ No

☐ Yes (Please specify)

The Research Protocol enumerated above and on the previous pages is designed to ensure that occupational radiation exposures and release of radioactive effluents to the environment will be "as low as reasonably achievable" (ALARA) during all phases of the research procedure.

Ray K.H. Wong, MD. 04/07/87
Signature Date

DISPOSITION FORM

For use of this form, see AR 340-15; the proponent agency is TAGO.

REFERENCE OR OFFICE SYMBOL HSHL-HP	SUBJECT Research Protocol for Isotope Named in the Application for Use of Radioactive Material Authorization # <u>642</u>
---	--

Health Physics Officer WRAMC	FROM COL Roy K.H. Wong, MD Gastroenterology DCI Research Lab	DATE 7 April 1987	CMT 1
---------------------------------	--	-------------------	-------

a. <u>Principal User</u> COL Roy K.H. Wong, MD	Telephone Number 576-1765-8	Authorization Number 642
---	--------------------------------	-----------------------------

b. <u>Investigator & Auth#</u> (If different than (a.)) NA	c. <u>Trainee & Auth#</u> NA	d. <u>Technician & Auth#</u> Corinne Maydonovitch Susan Greene SP Jacinto Rivera
--	-------------------------------------	---

e. <u>Radioisotope</u> Na ²² <i>Never Used</i> <i>D. Brink</i> <i>10/05</i>	<u>Physical/Chemical form</u> Chlorides	<u>Maximum Quantity to be used per Experiment in millicuries</u> 1 (mCi)
---	--	---

f. <u>Title of Project:</u> DCI Approved Protocol #1432 Prot# H08-83 Lithium, Nicotinic Acid, Aminophylline, and 16, 16 Dimethyl PGE2 as cytoprotective agents.	<u>Maximum Quantity to be used for Entire Project(if known) in millicuries(mCi)</u> ongoing study not known
---	--

g. <u>Beginning Date:</u> Sept ,.1983	h. <u>Ending Date:</u> ongoing	i. <u>Repetitive Study</u> Yes No
--	-----------------------------------	--------------------------------------

j. Life Cycle of Radioisotope Utilized for Research Procedure:
(Use block/flow diagram to show (where, how much, whose, etc.,) isotope travel from receipt to disposal.)

Source delivers to HP --> HP notifies Dr Wong, Corinne Maydonovitch ----->
of arrival of isotope

HP delivers to Bldg 38, where -----> Isotope stored & shielded with pig under hood, ----->
isotope is stored or in refrigerator , Rm 223

Waste Disposal: Liquid is collected in large bottles Waste disposed of on loading
Solid, in radioactive waste bags dock of Bldg 2
Low level radioactive wastes liquid
poured down radioactive sink in Rm 223

k. Labelling and Transport of Radioactive Material

All radioactive solutions, tissues, animals and waste will be identified by proper label, in accordance with Health Physics Condition-No. 4. Transport of radioactive material between authorized work areas and waste disposal sites will be conducted in a manner that precludes the spread of contamination and inadvertent exposure to non-participating personnel.

1. <u>Laboratory Animal Usage</u>		
Species RATS	Bldg# 38	Room# 223

m. Disposition of Animals

- ☐ Not Applicable
- ☐ Animals will be sacrificed and carcasses will be disposed of as radioactive waste.
- ☒ Other(Specify) Specific organs ie, stomach, intestine, are disposed of as radioisotope solid waste; remaining carcasses are disposed of to bldg 41, 4th floor animal freezer.

n. <u>Isotope Utilization Locations</u>	Location 1	Location 2	Location 3	Location 4
Building #	38	38	40	
Room #	223	221	2092	
Max. Amt (mCi)	1	1	1	

o. Isotope Storage Location

Building # 38 Room # 221,223 Max. Amt.(mCi) / mCi

p. Isotope Waste Storage Locations

(1) Biological: Bldg# 38 Room# 223

(2) All other: Bldg# Room#

- ☒ All radioactive waste will be transfered to the Health Physics collection point, WRAMC (Bldg 2 (NMTF) - loading dock)(1330 to 1430) Wednesday of each week.
- ☐ All radioactive waste will be transfered to the Health Physics collection point, WRAIR (Bldg 40 - Room B079) Open Monday, Wednesday, & Friday 1030 to 1130 ~~to 1230~~.
- ☐ All radioactive waste will be transfered to the Health Physics collection point, WRAIR (Forest Glen Section) every Wednesday afternoon.

q. Radioactive Waste Disposal

All radioactive waste will be transferred to Health Physics Office in accordance with Health Physics Condition No. 4.

r. Room Survey

All room surveys will be conducted in accordance with Health Physics Condition No. 2.

s. Personnel Dosimetry

Whole Body ☐

Wrist Badge ☐

TLD Ring ☐

will be requested in accordance with Health Physics Condition No. 1.
Assigned dosimetry monitors will be worn by all participating personnel.

-
- t. Are there any significant non-radiation personnel hazards associated with experiments; (Biological, Explosive, Toxic substances, High Intensity Optical sources, Microwaves, or Electrical) that would effect Health Physics personnel during there routine inspections of these areas.

☒ No

☐ Yes (Please specify)

The Research Protocol enumerated above and on the previous pages is designed to ensure that occupational radiation exposures and release of radioactive effluents to the environment will be "as low as reasonably achievable" (ALARA) during all phases of the research procedure.

Roy A. Wong, M.D.
Signature Date

RCC

MAR 01 1990

This application is given interim approval until the next meeting of the RCC which is scheduled for: Feb 7

APPLICATION FOR AUTHORIZATION TO USE RADIOACTIVE MATERIAL -- NON-HUMAN USE

1. APPLICATION FOR:

NEW AUTHORIZATION

XX

RENEWAL OF AUTHORIZATION NUMBER

642

AMENDMENT TO AUTHORIZATION NUMBER

2. APPLICANT'S NAME (Last, First, MI) (Principal User)

Phillips, Raymond ~~Murphy, Joseph MAJ~~

TELEPHONE NUMBER

576-1765

3. APPLICANT'S MAILING ADDRESS (Include Organization)

Gastroenterology Svc, Bldg 2, Rm 7F39

(IF MORE SPACE IS NEEDED FOR ANY ITEM, USE ADDITIONAL PROPERLY KEYED PAGES.)

4. List all CO-WORKERS

Roy K. H. Wong, MD

~~Murphy, Joseph R. MAJ MD~~

5. List all TRAINEES

~~Murphy, Joseph R. MAJ MD~~

6. List all TECHNICIANS

Corinne Maydonovitch

7. LOCATIONS WHERE MATERIAL WILL BE USED: (Building and Associated Rooms)

Bldg 2, Rm 7F15

8. LOCATIONS WHERE MATERIAL WILL BE STORED: (Building and Associated Rooms)

Bldg 2 Rm 7F15

9. RADIOACTIVE WASTE DISPOSAL SINK IN ROOM:

Bldg 2 Rm 7F15,

10. RADIOACTIVE MATERIAL DATA

A. RADIOSOTOPE

B. CHEMICAL AND/OR PHYSICAL FORM
(Sealed or Unsealed)

C. POSSESSION
LIMIT

D. USE

3-H

Tritiated Water, Thymidine, Nucleosides, Nucleotides

5mCi

Tissue Culture, Membrane Transport

22-Na

Chlorides

1mCi

Membrane transport studies

32-P

ATPase

1mCi

Adenylcyclase assay kit

14-C

Carbohydrates

20mCi

Metabolism studies

42-K

Chlorides

1mCi

Membrane transport studies

36-Cl

Chlorides

1mCi

Membrane transport studies

45-Ca

Chlorides

1mCi

Absorption studies

51-Cr

Sodium Chromate

5mCi

Absorption, Emptying studies

86-Rb

Elemental - in solution

2mCi

Absorption studies

131-I

RIA kit

1mCi

RIA

99-Tc

Technetium

1mCi

Absorption Studies

125 I

cAMP & cGMP RIA assays

.05mCi

RIA

CERTIFICATE

(This item must be completed by applicant)

I certify that this application is prepared in conformity with WRAMC Regulations and that all information contained herein, including any supplements attached hereto, is true and correct to the best of my knowledge and belief.

DATE: 4 Dec 89

Authorization Review Process
Branch Input

Auth # 642

	A	B	COMMENTS
1	X	ZMB	Admin Signature
2	X	ZMB	Protocols for all isotopes
3	X	ZMB	
4	X	DRC	Bldg 38 on Auth 610
5	NA	DRC	
6	NA	AA	
7	X	AA	
8	X	ZMB	
9	NA	ZMB	
10	NA	AA	
11	X	AA	
12			
13			
14			
15			

Index of Numbers and Symbols used above:

- (1) - Forms (WRAMC 1661R, 1662R, 1643) (Completed/typed)
 - (2) - Protocol (Required for: 3-H, 32-P, 125-I, 131-I, and all others deemed necessary by - amounts, activity, or use. (Reference NBS Handbook #92)
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 - (4) - OPS Branch room pre-survey
 - (5) - OPS Branch room final survey
 - (6) - TS Branch instrumentation assignment
 - (7) - Training - WRAMC Form 538 (Completed by users annually)
 - (8) - Training - WRAMC Form 1643 (Training and Experience Form)
 - (9) - Fort Detrick - Auth#'s 541, 618, 619, 620, 621
 - (10) - TS Branch Bioassay
 - (11) - TS Branch Personnel dosimetry
- (A) - (X) when complete, (O) when pending, and () when pending completed
 (B) - Initial of branch representative when complete or pending issues are resolved
 (C) - Comments

HSHL-MGI

12 JUNE 1991

MEMORANDUM FOR: Health Physics
David Burton

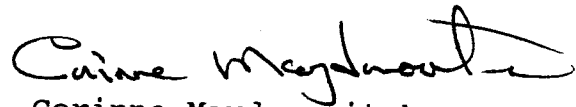
SUBJECT: Change in Principal User for Authorization #642

1. Please change the Principal User for DCI/Gastroenterology Authorization #642 from MAJ Raymond Phillips, M.D. to MAJ Joseph Murphy, M.D. Dr. Phillips will be leaving WRAMC in July. Please remove him from the Authorized User list for #642.

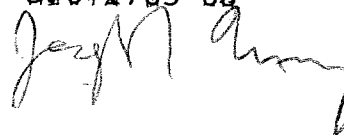
2. Dr. Murphy is completing his fellowship training and will become a staff member of the Gastroenterology Service in July, of this year. He is currently conducting several research studies involving the use of radioisotopes to monitor cell growth. Attached is an updated Training and Experience Application. He is certified as successfully completing the mandatory radioisotope users class.



Maj Raymond Phillips
7100
Clinical Chemistry / CCAC
Walter Reed Army Medical Center
Washington, D.C. 20307-5001



Corinne Maydonovitch
Research Chemist
DCI/Gastroenterology Svc
526-1765-68



Joseph Murphy MAJ MC
Gastroenterology Svc

1 HSHL-H-HP (385-11h) 1st End

Mr. David W. Burton/ab/427-5107

Health Physics Officer, WRAMC

JUL 11 1991

FOR: Clinical Investigation, ATTN: MAJ Joseph Murphy,
Auth # 642



ARTHUR G. SAMILJAN
MAJ, MS
Health Physics Officer

This Application is given
interim approval until the
next meeting of the RCC
which is scheduled for: AUG 91

PERSONAL
INFORMATION WAS
REMOVED BY NRC.
NO COPY OF THIS
INFORMATION WAS
RETAINED BY THE
NRC.

APPROVED BY
RCC

AUG 29 1991

DATE

DATE: 21 June 91

Authorization Review Process
Branch Input

Auth # 6042

	A	B	COMMENTS
1	X	DNB	
2	NA	DNB	
3	NA	DNB	
4	NA	was	
5	NA	was	
6	NA	DNC	
7	NA	DNB	
8	X	DNB	
9	NA	DNB	
10	NA	DNC	
11	NA	DNC	
12			
13			
14			
15			

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 - (3) - Isotopes (within limits for NRC License/personnel qualifications)
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 - (5) - OPS Branch room final survey
 - (6) - TS Branch instrumentation assignment
 - (7) - Training - WRAMC Form 538 (Completed by users annually)
 - (8) - Training - WRAMC Form 1643 (Training and Experience Form)
 - (9) - Fort Detrick - Auth#'s 541, 618, 619, 620, 621
 - (10) - TS Branch Bioassay
 - (11) - TS Branch Personnel dosimetry
- (A) - (X) when complete, (0) when pending, and () when pending completed
 (B) - Initial of branch representative when complete or pending issues are resolved
 (C) - Comments

HSHL-MGI

29 August 1990

MEMORANDUM FOR: David Burton
Health Physics Office

SUBJECT: Additional Co-Worker To Authorization #642

1. Please add MAJ Joseph R. Murphy, M.D. as a co-worker to Radioactive Authorization #642. Attached are completed training and protocol forms.

Raymond Phillips

MAJ Raymond Phillips
Principal User #642
Gastroenterology Svc
WRAMC
576-1765-8

HSHL-H-HP (385-11h) 1st End

LTC Myers/ab/427-75107

Health Physics Officer, WRAMC

SEP 28 1990

FOR: Clinical Investigation, ATTN: Raymond Phillips, MAJ

Major Murphy's T & E (Form 1643) reflects insufficient training and/or experience to be approved as a co-worker. He is approved as a trainee which requires his work to be supervised by an approved principle user or co-worker.

APPROVED BY
RCC
NOV 15 1990
DATE

P. H. Myers

PETER H. MYERS
LTC, MS
Health Physics Officer

This Application is given
interim approval until the
next meeting of the RCC
which is scheduled for: NOV 90

DATE: 31 AUG 90

Authorization Review Process
Branch Input

Auth # 642

	A	B	COMMENTS
1	X	JMB	
2	NA	JMB	
3	NA	JMB	
4	NA	JMB	
5	NA	JMB	
6	NA	JMB	
7	X	JMB	(called 9/11/90)
8	X	JMB	insufficient experience for QA-worker, approved as trainee signature. returned for completion 5 Sept 90
9	NA	JMB	
10	NA	JMB	
11	NA	JMB	
12			
13			
14			
15			

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- (C) - Comments

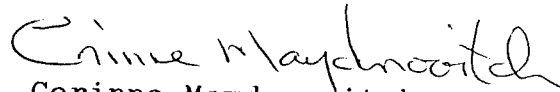
HSHL-MGI

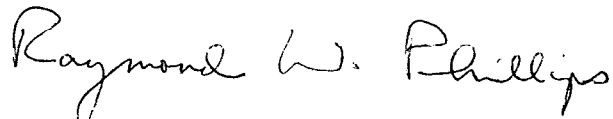
28 Sept 1989

MEMORANDUM FOR: Health Physics
David Burton

SUBJECT: Change in Principal User for Auth #642

1. Please change the Principal User for DCI/Gastroenterology Authorization #642 from Col Roy K. H. Wong, M.D. to MAJ Raymond Phillips, M.D.
2. Dr. Phillips is a staff member of the Gastroenterology Service and is conducting research studies which require the use of radioisotopes. He is certified as successfully completing the mandatory radioisotope users class.

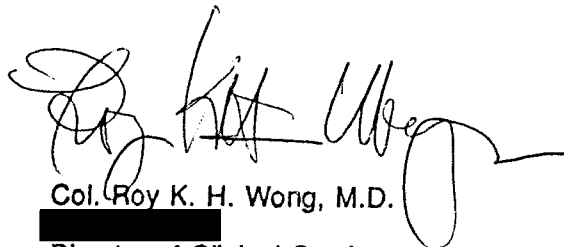

Corinne Maydonovitch
Research Chemist
DCI/Gastroenterology Svc
[REDACTED]



Maj. Raymond Phillips
[REDACTED]

Gastroenterology Clinic
Walter Reed Army Medical Center
Washington, D.C. 20307-5001

PERSONAL INFORMATION
WAS REMOVED BY NRC.
NO COPY OF THIS
INFORMATION WAS
RETAINED BY THE NRC



Col. Roy K. H. Wong, M.D.
[REDACTED]

Director of Clinical Services
Gastroenterology Service
Walter Reed Army Medical Center
Washington, D.C. 20307-5001

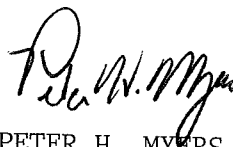
HSHL-H-HP

20 NOV 1989

MEMORANDUM FOR Clinical Invest, ATTN: MAJ Phillips

SUBJECT: Authorization 642

This Application is given
interim approval until the
next meeting of the RCC
which is scheduled for: Feb 90



PETER H. MYERS
LTC, MS
Health Physics Officer

APPROVED BY
RCC

MAR 01 1990

DATE

DATE: 14 Apr 89

Authorization Review Process
Branch Input

Auth # 642

	A	B	COMMENTS
1	X	ZMB	
2	NA	ZMB	
3	NA	ZMB	
4	NA	ORC	
5	NA	ORC	
6	NA	AA	
7	X	AA	
8	X	ZMB	switch co-worker & P.U.
9	NA	ZMB	
10	NA	AA	
11	NA	AA	
12			
13			
14			
15			

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- (9) - Fort Detrick - Auth#'s 541, 618, 619, 620, 621
- (10) - TS Branch Bioassay
- (11) - TS Branch Personnel dosimetry

- (A) - (X) when complete, (O) when pending, and () when pending completed
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- (C) - Comments

APPLICATION FOR AUTHORIZATION TO USE RADIOACTIVE MATERIAL -- NON-HUMAN USE

1. APPLICATION FOR:	NEW AUTHORIZATION	XX RENEWAL OF AUTHORIZATION NUMBER #642	AMENDMENT TO AUTHORIZATION NUMBER
---------------------	-------------------	---	-----------------------------------

2. APPLICANT'S NAME (Last, First, MI) (Principal User)

WONG ROY K.H. COL Phillips, Raymond MAJ

TELEPHONE NUMBER
576-1767/1768

3. APPLICANT'S MAILING ADDRESS (Include Organization)

Gastroenterology Service Sect 7-F
WRAMC

Washington, D.C. 20307-5001

(IF MORE SPACE IS NEEDED FOR ANY ITEM, USE ADDITIONAL PROPERLY KEYED PAGES.)

4. List all CO-WORKERS

Phillips, Ray MAJ
Wong, Roy COL

5. List all TRAINEES

~~Willis, Marsh Ph.D.~~
~~Phillips, Ray MAJ, MC~~

6. List all TECHNICIANS

Corinne Maydonovitch
Susan Greene
Jacinto Rivera
~~Wong, Peter~~
~~St. Andrade~~

7. LOCATIONS WHERE MATERIAL WILL BE USED: (Building and Associated Room)

~~Bldg 38, Rooms 221/223,~~ ~~Bldg 2, Rms 7F15 & 7F19~~
~~Bldg 40, Rm 2092, 2086~~

8. LOCATIONS WHERE MATERIAL WILL BE STORED: (Building and Associated Room)

~~Bldg 38, Rm 221; Bldg 40, Rm 2086; Bldg 2, Rm 7F19~~

9. RADIOACTIVE WASTE DISPOSAL SINK IN ROOM:

~~Bldg 38, Rm 223; Bldg 40, Rm 2086; Bldg 2, Rm 7F19, 7F15~~

DATE

09 JUN 1987

10. RADIOACTIVE MATERIAL DATA

This Application is given interim approval until the next meeting of the RCC which is scheduled for: MAY 1987

A. RADIOISOTOPE	B. CHEMICAL AND/OR PHYSICAL FORM (Sealed or Unsealed)	C. POSSESSION LIMIT	D. USE
3-H	Tritiated Water, Thymidine, Nucleosides, Nucleotides	5mCi	Organ Culture, Membrane Absorption, Membrane Transport
22-Na	Chlorides	1mCi	Absorption & Transport Studies
32-P	ATP-ase	1mCi	Adenylcyclase assay
14-C	Carbohydrates	20mCi	Metabolism Studies
42-K	Chlorides	1mCi	Absorption & Transport Studies
36-Cl	Chlorides	1mCi	Absorption & Transport Studies
45-Ca	Chlorides	1mCi	Absorption Studies
51-Cr	Sodium Chromate	5mCi	Absorption Studies
86-Rb	Elemental - in Solution	2mCi	Absorption Studies
131-I	Bound RIA kit	1mCi	Radioimmunoassays
99-Tc	Technetium	1mCi	Absorption Studies
125-I	cMP & cGMP RIA assays	.05mCi	Radioimmunoassays

CERTIFICATE

(This item must be completed by applicant)

I certify that this application is prepared in conformity with WRAMC Regulations and that all information contained herein, including any supplements attached hereto, is true and correct to the best of my knowledge and belief.

DATE: 8 Oct 86

Authorization Review Process
Branch Input

Auth # 642

	A	B	COMMENTS
1	X	DMB	Needs admin approval returned 2-17-87
2	X	DMB	Needs protocols for Na ²² , K ⁴² , C ⁵⁷ , Rb ³⁶ protocols returned 2nd time 9 Mar 87
3	X	DMB	discrepancy on isotope limits between application & protocols
4	X	DB	protocols corrected to match authorization
5	X	DB	
6	X	DB	
7	X	DB	
8	X	DMB	
9	NA	DMB	
10	X	DB	
11	X	DB	
12			
13			
14			
15			

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 - (5) - OPS Branch room final survey
 - (6) - TS Branch instrumentation assignment
 - (7) - Training - WRMC Form 538 (Completed by users annually)
 - (8) - Training - WRMC Form 1643 (Training and Experience Form)
 - (9) - Four Devices - Auth's 547, 618, 619, 620, 621
 - (10) - TS Branch Bioassays
 - (11) - TS Branch Personnel dosimetry
- (A) - (X) when complete, (O) when pending, and () when pending/completed
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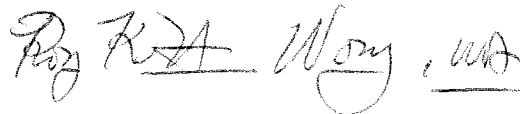
HSHL-MGI

11 September 1989

MEMORANDUM FOR Health Physics Office

SUBJECT: Upgrade of Personnel to Co-Investigator

I recommend that MAJ Ray Phillips be upgraded to a co-worker status as a principal investigator to use radioactive materials in the Gastroenterology Service.



ROY K. H. WONG
COL, MC
Director of Clinical Services

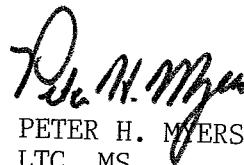
HSHL-H-HP

10 OCT 1989

MEMORANDUM FOR Director of Clinical Services, ATTN: COL Wong,

SUBJECT: Authorization 642

This Application is given
interim approval until the
next meeting of the RCC
which is scheduled for: Nov 89



PETER H. MYERS
LTC, MS
Health Physics Officer

APPROVED BY
RCC

16 NOV 1989

DATE

DATE: 13 Sep 84

Authorization Review Process
Branch Input

Auth # 642

	A	B	COMMENTS
1	X	BMP	T & E received
2	NA	JK	
3	NA	JK	
4	NA	DLC	
5	NA	DLC	
6			
7	X	AA	
8	(X)	BMP	Pending T&E, Forms delivered 12 Sep 84 JK
9	NA	JK	
10	X	AA	
11	X	AA	
12			
13			
14			
15			

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- (A) - (X) when complete, (O) when pending, and () when pending completed
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 - (C) - Comments

HSHL-H-HP (385-11m)

22 JUN 1989

Health Physics Office, WRAMC

MEMORANDUM FOR COL Roy Wong, MC, Clinical Investigation, WRAMC

SUBJECT: Authorization 642

APPROVED BY

RCC

6 SEP 1989

DATE

Gerald M. Connock

GERALD M. CONNOCK

MAJ, MS

Health Physics Officer

HEALTH PHYSICS OFFICE
WALTER REED ARMY MEDICAL CENTER
Washington, D.C. 20307-5001

HS HL-HP (385-11a)

MEMORANDUM FOR:

COL WONG
Auth # 642

SUBJECT: Deletion of Room from Authorization

1. Due to severe personnel shortage, the Health Physics Office has had to curtail all non-essential services so that the available personnel can focus their attention upon the services required to support the WRAMC NRC License.
2. Three consecutive months of room surveys by this office and interviews with your lab personnel, have shown no usage of radioactive materials in Room 7F59, Building 2. Therefore, this room is hereby deleted from your authorization.
3. Disposition of radioisotopes must be indicated by checking one of the options listed below.
4. If you do not wish to have the above listed room deleted from your authorization, check and complete option E.
5. If there are any questions concerning deletion of this room, please contact SSG Lewis or Mr. Burton at 427-5107/5104.

This Application is given
interim approval until the
next meeting of the RSC
which is scheduled for Aug 89

Gerald M. Connock
GERALD M. CONNOCK
MAJ, MS
Health Physics Officer

HS HL- MGI

MEMORANDUM FOR: Health Physics Officer, WRAMC

1. I acknowledge receipt of this notification.
2. As of 7 June 89 (date):
 - A. ☒ There is no radioactive material in this room.
 - B. ☐ All radioactive material in this room will be transferred to Room , Bldg , which is listed on my authorization.
 - C. ☐ All radioactive material in this room will be transferred to auth .

D. _____ All radioactive material in this room will be transferred to Health Physics for disposal.

E. _____ I intend to start using radioactive material in this room:

1. Date: _____

2. Duration of use: From: _____ To: _____

3. Radioisotopes(s) to be used: _____

Ray W. Wong
Principal User

Auth

6/7/89
Date

DATE: 9 Jun 89

Authorization Review Process
Branch Input

Auth # 642

	A	B	COMMENTS
1	X	ZMB	
2	NA	ZMB	
3	NA	ZMB	
4	NA	AT	
5	X	AT	
6	X	GM	
7	NA	GM	
8	NA	ZMB	
9	NA	ZMB	
10	NA	GM	
11	NA	GM	
12			
13			
14			
15			

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 - (9) - Fort Detrick - Auth#'s 541, 618, 619, 620, 621
 - (10) - TS Branch Bioassay
 - (11) - TS Branch Personnel dosimetry
- (A) - (X) when complete, (0) when pending, and () when pending completed
 (B) - Initial of branch representative when complete or pending issues are resolved
 (C) - Comments

ASHL-HP

MEMORANDUM FOR Clin Invest, ATTN: COL Eong, WRAMC

SUBJECT: Authorization 642

APPROVED BY

RCC

6 SEP 1989

DATE

Gerald M. Connock

GERALD M. CONNOCK

MAJ, MS

Health Physics Officer

WRAMC
Audit of Radioactive Material
(In accordance with AR 40-37 & 40-61)

Inspector: D. Burt Date: 18 May 89 Auth# 642

1. DA form 3862 [NO] ☒ [YES]
2. Within limits [NO] ☒ [YES]
3. Inventory Control Officer: C. Maydonovich
Room: 7F15
4. WRAMC Regulation 40-10 [NO] ☒ [YES]
5. WRAMC Authorization on hand [NO] ☒ [YES]
6. General Provisions - Terms & Conditions [NO] ☒ [YES]
7. LSC - Source No. & Location: NA
8. WRAMC form 538 - current [NO] ☒ [YES]
9. Sink log [NO] ☒ [YES]
10. Signs & Labels: OK
11. Personnel [Additions] ☒ [Deletions]
An dra da, SGT
12. General Comments: Add wash sink to 7F15 Calready posted

Principal User:

Wong

Authorized Representative:

Signature

Date

This Application is given
interim approval until the
next meeting of the RCC
which is scheduled for.....

AUG

1989

DATE: 23 May 89

Authorization Review Process
Branch Input

Auth # 642

	A	B	COMMENTS
1	X	29MB	
2	NA	29MB	
3	NA	29MB	
4	NA	AA	
5	NA	AA	
6	NA	Gr	
7	X	Gr	
8	NA	29MB	
9	NA	29MB	
10	NA	Gr	
11	NA	Gr	
12			
13			
14			
15			

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- (9) - Fort Detrick - Auth#'s 541, 618, 619, 620, 621
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- (11) - TS Branch Personnel dosimetry

- (A) - (X) when complete, (O) when pending, and () when pending completed
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- (C) - Comments

SGRD-UWH-C

31 JULY 1989

THROUGH: COL Roy Wong, Principal User of Health *R. K. Wong*
Physics Authorization Number 642

MEMORANDUM FOR: HEALTH PHYSICS OFFICE, WRAMC

SUBJECT: Adding rooms and personnel to Authorization
No. 610

1. Add rooms 221 and 223 in building 38 to
Authorization No. 610.
2. Add C. Maydonovitch as a Trainee to Authorization
No. 610.

Yuan-Heng Tai

Yuan-Heng Tai, Ph.D.
Dept. of Gastroenterology
WRAIR
Principal User, Authorization No. 610
576-3694

HS11-H-HP

29 AUG 1989

MEMORANDUM FOR Dept of Gastroenterology, ATTN: Dr. Tai, WRAIR

SUBJECT: Authorization 642 + 610

This Application is given
interim approval until the
next meeting of the RCC
which is scheduled for: *September 1989*

APPROVED BY
RCC

6 SEP 1989

DATE

Peter H. Myers

PETER H. MYERS
LTC, MS
Health Physics Officer

CF:
COL Wong

DATE: 3 Aug 87

Authorization Review Process
Branch Input

Auth: 642 / 610

	A	B	COMMENTS
1	X	ZPMB	
2	NA	ZPMB	
3	NA	ZPMB	
4	NA	AS	
5	NA	AS	
6	X	AS	
7	X NA	AS	
8	NA	ZPMB	
9	NA	ZPMB	
10	X	AS	
11	X	AS	
12			
13			
14			
15			

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- (3) - Isotopes (within limits for NRC License/personnel qualifications)
- (4) - OPS Branch room pre-survey
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- (6) - TS Branch instrumentation assignment
- (7) - Training - WRAMC Form 538 (Completed by users annually)
- (8) - Training - WRAMC Form 1643 (Training and Experience Form)
- (9) - Fort Detrick - Auth#'s 541, 518, 519, 520, 521
- (10) - TS Branch Bioassay
- (11) - TS Branch Personnel dosimetry

- (A) - (X) when complete, (O) when pending, and () when pending completed
- (B) - Initial of branch representative when complete or pending issues are resolved
- (C) - Comments

HSHL-HP

14 APR 1989!

MEMORANDUM FOR Clin Invest, ATTN: COL Wong, WRAMC
SUBJECT: Authorization 642

Gerald M. Connock

GERALD M. CONNOCK
MAJ, MS
Health Physics Officer

This Application is given
and approved and the
approval of the RCC MAY 1989!
which is scheduled for:.....

APPROVED BY
RCC

MAY 23 1989

DATE

DATE: 12 APR 89

Authorization Review Process
Branch Input

Auth # 642

	A	B	COMMENTS
1	X	29MB	
2	NA	29MB	
3	NA	29MB	
4	NA	AA	
5	NA	AA	
6	NA	fm	
7	X	fm	
8	NA	29MB	
9	NA	29MB	
10	X	fm	
11	X	fm	
12			
13			
14			
15			

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- (A) - (X) when complete, (O) when pending, and () when pending completed
- (B) - Initial of branch representative when complete or pending issues are resolved
- (C) - Comments

MAJ Connoek

4 Apr 89

Please find completed
training cards for all
radiation workers listed
under Auth #642.

Peter Wang is a
Summer Student who is
not currently working with
us.

Deleted

Peter Wang

DISPOSITION FORM

For use of this form, see AR 340-15; the proponent agency is TAGO.

REFERENCE OR OFFICE SYMBOL

HSHL-MGI

SUBJECT

AMENDMENT TO WRAMC AUTHORIZATION FOR
RADIOACTIVITY USE #642

TO

FROM

DATE

CMT 1

Mr Stafford
Health Physics Office
WRAMC

COL Roy K.H. Wong, MD
Gastroenterology Service
WRAMC, Bldg 2, 7F

22 June 1988

1. Please delete the following from Authorization #642:

a. Dr. Marsh Willis, a Training Fellow in Gastroenterology who
will be leaving WRAMC in June, 1988

b. BLDG 40, Rms 2086, 2092

2. Please add Peter Wong and SGT Andrada as technicians to #642:

Roy K. H. Wong, MD
COL, MC
Gastroenterology Service

HSHL-HP

TO Gastroenterology
ATTN: COL Wong

FROM Health Physics Office
WRAMC

DATE 29 JUN 1988

CMT

Mr. Burton/pdc/75104

This Application is given
interim approval until the
next meeting of the RCC
which is scheduled for: AUG 1988

Gerald M. Connock

GERALD M. CONNOCK
MAJ, MS
Health Physics Officer

APPROVED BY
RCC

24 AUG 1988

DATE

DATE: 23 June 88

Authorization Review Process
Branch Input

Auth # 642

	A	B	COMMENTS
1	X	DNB	
2	NA	DNB	
3	NA	DNB	
4	NA	NA	
5	NA	NA	
6	NA	NA	
7	NA	NA	
8	NA	NA	
9	NA	DNB	
10	NA	NA	
11	NA	NA	
12			
13			
14			
15			

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- (C) - Comments

WRAMC
Audit of Radioactive Material
(In accordance with AR 40-37 & 40-61)

Inspector: Chiquita Collins Date: 5/16/88

Auth# 642

1. DA form 3862 [NO] (YES)
2. Within limits [NO] (YES)
3. Inventory Control Officer: ^{COL.} (LTC Roy Wong) Ms. Maydonovich
Room: Bldg 2 Rm 7F15
4. WRAMC Regulation 40-13 [NO] (YES)
5. WRAMC Authorization on hand [NO] (YES)
6. General Provisions - Terms & Conditions [NO] (YES)
7. LSC - Source No. & Location: N/A
8. WRAMC form 538 - current [NO] (YES)
9. Sink log [NO] (YES)
10. Signs & Labels: OK
11. Personnel [Additions] [Deletions]
OK
12. General Comments: Delete: ~~Rm~~ Bldg 40, 2086, 2092

Principal User: Chiquita Collins

Authorized Representative:

Signature

Date

Completed
26 May

change: LTC Wong to COL

Corrine to Corinne

Dr. Phillips to Maj. MC

HSHL-HP

SUBJECT: Authorization 642

TO LTC Wong
Clin Invest
WRAMC

FROM Health Physics Office
WRAMC

DATE **03 JUN 1988** CMT 2
Mr. Burton/pdc/75104

This Application is given
interim approval until the
next meeting of the **RCC JUN 1988**
which is scheduled for:.....



GERALD M. CONNOCK

MAJ, MS

Health Physics Officer

APPROVED BY
RCC

07 JUN 1988

DATE

DATE: 16 MAY 88

Authorization Review Process
Branch Input

Auth # 642

	A	B	COMMENTS
1	X	ZOMB	2086 on no other anth. 2092 on 610 + 611
2	NA	ZOMB	
3	NA	ZOMB	
4	NA	AA	
5	X	AA	
6	NA	Ja	
7	NA	AA	
8	NA	AA	
9	NA	ZOMB	
10	NA	Ja	
11	NA	Ja	
12			
13			
14			
15			

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DISPOSITION FORM

For use of this form, see AR 340-15; the proponent agency is TAGO.

REFERENCE OR OFFICE SYMBOL

SUBJECT

HSHL-MGI

Adding New individuals to Authorization #642

TO

Health Physics, Head of
Radiation Materials & Control
Branch, Mr. D. Burton

FROM

Roy K.H. Wong, MD

DATE

4 November 1987

CMT 1

1. The GI Clinic is adding new individuals to its authorization. The new individuals added to our authorization include Dr. Marsh Willis and Dr. Ray Phillip. These individuals are physicians to be working on a recently approved protocol relating to radioactive thymidine. These individuals are fellows in training in Gastroenterology and included in this DF is their CV which outlines previous training.

2. Request removal of the following persons from the current personnel listed under authorization #642: Susan Greene, Jacinto Rivera, Robert Decker, MD.

Roy K.H. Wong, MD

Roy K.H. Wong, MD

COL MC

Director, Clinical Services
Gastroenterology Service

HSHL-HP

TO Roy K.H. Wong, MD
Gastroenterology

FROM Health Physics Office
WRAMC

DATE 24 NOV 1987

CMT 2

Mr. Burton/pdc/75104

This Application is given
interim approval until the FEB 1988
next meeting of the RCC
which is scheduled for

APPROVED BY

RCC

10 FEB 1988

DATE

Gerald M. Connock
GERALD M. CONNOCK

MAJ, MS

Health Physics Officer

DATE: 13 Nov 87

Authorization Review Process
Branch Input

Auth # 642

	A	B	COMMENTS
1	X	20MB	
2	NA	20MB	
3	NA	20MB	
4	NA	20MB	
5	NA	20MB	
6	NA	20MB	
7	X	20MB	
8	NA	20MB	list as Trainees
9	NA	20MB	
10	X	20MB	
11	X	20MB	
12			
13			
14			
15			

Index of Numbers and Symbols used above:

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(B) - Initial of branch representative when complete or pending issues are resolved
(C) - Comments

DISPOSITION FORM

For use of this form, see AR 340-15; the proponent agency is TAGO.

REFERENCE OR OFFICE SYMBOL

4SHL-MGI

SUBJECT

Addition of New Room To Be Placed Under Authorization
#642

TO

Health Physics Officer
WRAMC

FROM

COL Roy K.H. Wong, MD
Gastroenterology
DCI Research Lab

DATE

7 April 87

CMT 1

1. Request inspection of Rms 7F15 and 7F59 located in the Gastroenterology clinic of Bldg 2, Main Hospital for approval of isotope usage under Authorization #642.
7F59 for storage + wash sink also
2. Please coordinate and contact Corinne Maydonovitch for any other information needed, at 576-1765-8.

Roy K.H. Wong, MD

COL Roy K.H. Wong, M.D.
Director, Clinical Services
Gastroenterology Service
WRAMC

HS HL-HP

: Gastroenterology
ATTN: COL Wong

FROM: Health Physics Office
WRAMC

DATE: CMT 2
Mr. Burton/pdc/75104

APPROVED BY
RCC

09 JUN 1987

DATE

Gerald M. Connock
GERALD M. CONNOCK
MAJ, MS
Health Physics Officer

This Application is given
interim approval until the
next meeting of the RCC **MAY 1987**
which is scheduled for:.....

DATE: 14 Apr 87

Authorization Review Process
Branch Input

Auth # 642

	A	B	COMMENTS
1	X	DWB	
2	NA	DWB	
3	N/A	DWB	
4	X	pd	
5	NA	pd	
6	NA	DN	
7	NA	DN	
8	NA	DWB	
9	NA	DWB	
10	NA	DN	
11	NA	DN	
12			
13			
14			
15			

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HSHL-MGI

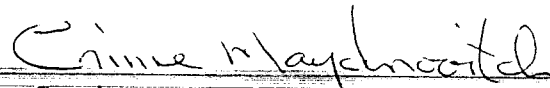
28 Sept 1989

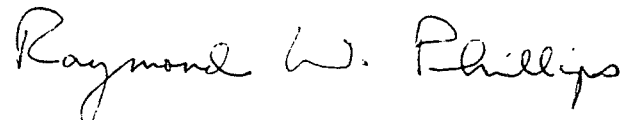
MEMORANDUM FOR: Health Physics
David Burton

SUBJECT: Change in Principal User for Auth #642

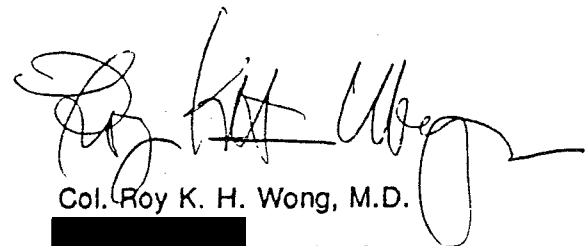
1. Please change the Principal User for DCI/Gastroenterology Authorization #642 from Col Roy K. H. Wong, M.D. to MAJ Raymond Phillips, M.D.
2. Dr. Phillips is a staff member of the Gastroenterology Service and is conducting research studies which require the use of radioisotopes. He is certified as successfully completing the mandatory radioisotope users class.

PERSONAL
INFORMATION WAS
REMOVED BY NRC.
NO COPY OF THIS
INFORMATION WAS
RETAINED BY THE
NRC.


Corinne Maydonovitch
Research Chemist
DCI/Gastroenterology Svc
576-1765-68



Maj. Raymond Phillips
Gastroenterology Clinic
Walter Reed Army Medical Center
Washington, D.C. 20307-5001



Col. Roy K. H. Wong, M.D.
Director of Clinical Services
Gastroenterology Service
Walter Reed Army Medical Center
Washington, D.C. 20307-5001

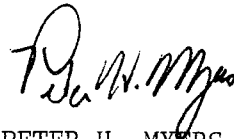
HSHL-H-HP

20 NOV 1989

MEMORANDUM FOR Clinical Invest; ATTN: MAJ Phillips

SUBJECT: Authorization 642

This Application is given
interim approval until the
next meeting of the RCC
which is scheduled for: Feb 90



PETER H. MYERS
LTC, MS
Health Physics Officer

PERSONNEL BEING REMOVED FROM AUTHORIZATION TO USE
RADIOACTIVE MATERIALS

LAST NAME	FIRST NAME	TYPE
** 454 Peggins	DR JEAN KARLE James O. Dr	co
** 499 Huhman Jackson Oleshansky Stauffer	DR JEAN KANT Kim L. DR Michael Marvin A. Joseph W.	co tk co tk
** 507 Atkins Grillo Smart	MR LEE NELSON James L. LTC Francis G. MAJ Virginia M. SSG	tr co tr
** 525 Houng	MR DENNIS KOPECKO Hso-shu DR.	tr
** 601 Martin Poillon	HAROLD L WILLIAMS Samuel MAJ William	tr tr
** 610 Garcia	YUAN-HENG TAI Frank C. SPC	tk
** 617 Drazek Jaffe	DR WENDELL ZOLLINGER Elizabeth Richard I.	tk tr
** 628 Rosado	DR JEENAN TSENG Augutin	tk
** 630 Fein	LTC HENRY FEIN Henry MAJ, MC	pu
** 632 Crawford Ortega	MAJ ROBERT CRAWFORD Robert M. Marco	pu tk
** 637 Weissman	DR PETER CHIANG Ben Avi Dr	tr
** 642 Wong	LTC ROY WONG Roy LTC, MC	pu
** 645 Bernton	DR JOSEPH LONG Edward W. MAJ	tr
** 650 Morris	MR JAMES MCNEIL Jennifer	tk

APPLICATION FOR AUTHORIZATION TO USE RADIOACTIVE MATERIAL -- NON-HUMAN USE

APPLICATION FOR: **NOV 1981**

DATE: **NOV 1981** NEW AUTHORIZATION ☐ RENEWAL OF AUTHORIZATION NUMBER **642** AMENDMENT ZATION NUMBER **642**

APPLICANT'S NAME (Last, First, MI) (Principal User) **Wong, Roy, LTC, MC**

TELEPHONE NUMBER **876-1765/3177**

3. APPLICANT'S MAILING ADDRESS (Include Organization) **Clinical Investigation Service WRAMC**

4. List all CO-WORKERS (IF MORE SPACE IS NEEDED FOR ANY ITEM, USE ADDITIONAL PROPERLY KEYED PAGES.)

NONE

5. List all TRAINEES

T. H. TAI PHD
SUSAN GREEN
JACINTO RIVERA
~~ROBERT DECKER PHD~~

6. List all TECHNICIANS

Maydonovitch, Corinne
~~MacDonald, Carol SSG~~
Mendez, Michael SSG

7. LOCATIONS WHERE MATERIAL WILL BE USED: (Building and Associated Rooms)

Bldg T-2 Rms 158 & 159 **Bldg 38**

8. LOCATIONS WHERE MATERIAL WILL BE STORED: (Building and Associated Rooms)

Bldg T-2 Rms 158 & 159 **Bldg 38**

RADIOACTIVE WASTE DISPOSAL SINK IN ROOM: **SINK**

A. RADIOISOTOPE		B. CHEMICAL AND/OR PHYSICAL FORM (Sealed or Unsealed)		C. POSSESSION LIMIT		D. USE	
3-H ✓		Tritiated Water, Thymidine, Nucleosides, Nucleotides		5mCi		Organ Culture, Membrane Absorption	
22-Na ✓		Chlorides,		1mCi		Membrane Transport	
32-P ✓		ATP-ase		1mCi		Absorption and Transport Studies	
14-C ✓		Carbohydrates		1mCi		Adenylcyclase assay	
36-Cl ✓		Chlorides		20mCi		Metabolism Studies	
42-K ✓		Chlorides		1mCi		Absorption and Transport Studies	
45-Ca ✓		Chlorides		1mCi		Absorption and Transport Studies	
51-Cr ✓		Sodium Chromate		1mCi		Absorption Studies	
86-Rb		Elemental - in Solution		5mCi		Absorption Studies	
99-Tc		Technetium		2mCi		Absorption Studies	
125-I ✓		cMP & cGMP RIA assays		1mCi		Absorption Studies	
131-I ✓		Bound RIA kit		.05mCi		Radioimmunoassays	
				1mCi		Radioimmunoassays	

CERTIFICATE

(This item must be completed by applicant)

I certify that this application is prepared in conformity with WRAMC Regulations and that all information contained herein, including any supplements attached hereto, is true and correct to the best of my knowledge and belief.

L-HP
SUBJECT: Annual Principal User Briefing

TO: LTC Roy Wong
Clin., Invest Svc

FROM: Health Physics Office
WRAMC

DATE: MAY 29 1986 CMT 2
Mr. Stafford/pdc/75104

This Application is given
interim approval until the
next meeting of the RCC
which is scheduled for: *Aug 86*

Gerald M. Connock
GERALD M. CONNOCK
MAJ, MS
Health Physics Officer

APPROVED BY

RCC

26 Aug 86

DATE

DISPOSITION FORM

For use of this form, see AR 340-15; the proponent agency is TAGO.

cc 20 MAY 86

REFERENCE OR OFFICE SYMBOL

SUBJECT

IL-HP

Annual Principal User Briefing

AUTH 642

TO

LTC Roy Wong

FROM

Health Physics Office

DATE

25 NOV 1985

CMT 1

Clinical Investigation Service WRAMC
WRAMC

MAJ Connock/acp/75104

1. Title 10 CFR, Part 19, requires annual training for all radiation workers. Chapter 2.2, WRAMC Reg 40-10, requires the Principal User conduct this training.
2. A review of your authorization to use radioactive materials, #642, indicates the following named individuals require that annual training:

MAYDONOVITCH, Corinne
MAC DONALD, Carol, SSG
MENDEZ, Michael, SSG
3. Attached are the necessary forms needed to verify this training. Please complete these forms and return them to WRAMC Health Physics Office NLT 31 December 1985.
4. POC this office is Mr. Stafford, 427-5104.

Enc

APPROVED BY*Gerald M. Connock*GERALD M. CONNOCK
MAJ, MS
Health Physics Officer**RCC***26 Aug 86*

DATE

The above named : Mae Donald, Carol SSG
and Mendez, Michael, SSG
are no longer working in our laboratory
and should be removed from our
authorization #.

This Application is given
interim approval until the
next meeting of the RCC
which is scheduled for: *aug 86*

Roy K H Wong
Roy K H Wong, MD

DISPOSITION FORM

For use of this form, see AR 340-15; the proponent agency is TAGO.

REFERENCE OR OFFICE SYMBOL

SUBJECT

Amendment To WRAMC Radioactivity Material
Authorization # 642

TO

Mr. Stafford
Health Physics

FROM

Clinical Investigation
Gastroenterology Res. Lab
576-1765/8

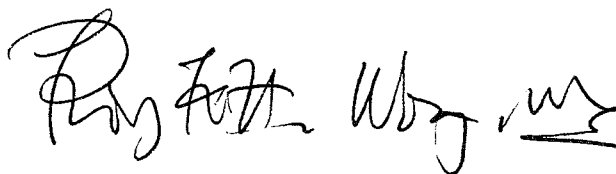
DATE

21 Feb 86

CMT 1

- Please add the following names to Authorization # 642. They will be working in the research lab located on the second floor of Bldg 38, Rms 221/2/3 three days per week: *AS TRAINEES*.

Dr. T. H. Tai
Susan Greene
Jacinto Rivera
Dr. Robert Decker



Roy K. H. Wong
LTC, MC
Asst Chief Gastroenterology

PSHL-HP

TO LTC Roy K.H. Wong
Asst, Chief, Gastroenterology

FROM Health Physics Officer
WRAMC

DATE

FEB 27 1986

CMT 2

Mr. Stafford/pdc/7510


This Application is given
interim approval until the
next meeting of the RCC
which is scheduled for:.....*MAY 86*

APPROVED BY

RCC

28 MAY 86

DATE


GERALD M. CONNOCK
MAJ, MS
Health Physics Officer

DISPOSITION FORM

For use of this form, see AR 340-15; the proponent agency is TAGO.

REFERENCE OR OFFICE SYMBOL	SUBJECT
MGI	Authorization; transfer of authorization due to relocation

TO	FROM	DATE	CMT 1
Health Physics Office WRAMC	GI Res Lab Clinical Invest Svc WRAMC	19 Sep 1984 C Maydonovitch/bjg/6-1768	

1. Clinical Investigation Service Research Lab located in Building T-2, Rm 158, 159 will be relocated to Building 38.

2. Request authorization #642 for use of radioactive materials in Building T-2, 158, 159 be transferred to 2nd Floor, Building 38.

Roy K. H. Wong, M.D.

ROY K. H. WONG, M.D.
LTC, MC
Assistant Chief
Gastrcenterology Service

L-HP(19 Sep 84)

TO	FROM	DATE	CMT 2
LTC Roy H. Wong, M.D. Principal User Auth #642 WRAMC	Health Physics WRAMC	6 NOV 1984 SP6 Lewis/esm/75104	

This amendment is given interim approval pending final review and approval/disapproval by the Radiation Control Committee (RCC). The next RCC meeting is scheduled for 6 Nov 84. A final approved copy of this amendment will be provided following that meeting.

William E. Woodward

WILLIAM E. WOODWARD
LTC, MSC
Health Physics Officer

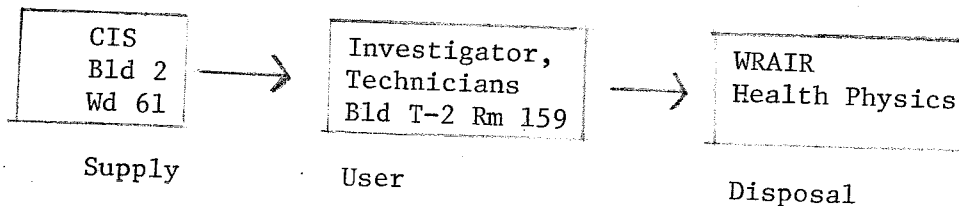
APPROVED BY
RCC

NOV 1984

DATE

REFERENCE OR OFFICE SYMBOL HSHL-HP		SUBJECT Research Protocol for Isotope Named in the Application for Use of Radioactive Material Authorization # _____	
TO Health Physics Officer WRAMC		FROM Clinical Investigation Service/ Gastroenterology	DATE 20 Sept 83 CMT 1
a. Principal User Roy K. Wong, LTC, MC	Telephone Number 576-1767/68	Authorization Number 642	
b. Investigator & Auth# (If different than (a.)) same	c. Trainee & Auth#	d. Technician & Auth# Corinne Maydonovitch, GS-9 Michael Mendez, SSG Carol MacDonald, SSG	
e. Radioisotope 3-H 14-C	Physical/Chemical form Thymidine, Tritiated Water Carbohydrates: Glucose, Mannitol	Maximum Quantity to be used per Experiment in millicuries (mCi) 0.2 m Ci/ Experiment	
f. Title of Project: Lithium, Nicotinic Acid, Aminophylline and 16,16 dm PGE as Cytoprotective Agents Development of as Animal Model for Gastroesophageal Reflux		Maximum Quantity to be used for Entire Project (if known) in millicuries (mCi) not known	
g. Beginning Date: October, 1980	h. Ending Date: not determined	i. Repetitive Study Yes No	

j. Life Cycle of Radioisotope Utilized for Research Procedure:
(Use block/flow diagram to show (where, how much, whose, etc.,) isotope travel from receipt to disposal.)



k. Labelling and Transport of Radioactive Material

All radioactive solutions, tissues, animals and waste will be identified by proper label, in accordance with Health Physics Condition No. 4. Transport of radioactive material between authorized work areas and waste disposal sites will be conducted in a manner that precludes the spread of contamination and inadvertent exposure to non-participating personnel.

1. <u>Laboratory Animal Usage</u>		
Species	Bldg#	Room#
Rat		

m. Disposition of Animals

- ☐ Not Applicable
- ☒ Animals will be sacrificed and carcasses will be disposed of as radioactive waste.
- ☐ Other (Specify)

n. <u>Isotope Utilization Locations</u>				
	Location 1	Location 2	Location 3	Location 4
Building #	T-2			
Room #	159			
Max. Amt (mCi)				

o. Isotope Storage Location

Building # T-2 Room # 159 Max. Amt. (mCi) _____

p. Isotope Waste Storage Locations

- (1) Biological: Bldg# _____ Room# _____
- (2) All other: Bldg# _____ Room# _____
- ☐ All radioactive waste will be transferred to the Health Physics collection point, WRAMC (Bldg 2 (NMTF) - loading dock) (1330 to 1430) Wednesday of each week.
- ☒ All radioactive waste will be transferred to the Health Physics collection point, WRAIR (Bldg 40 - Room B079) Open Monday, Wednesday, & Friday 1030 to 1130.
- ☐ All radioactive waste will be transferred to the Health Physics collection point, WRAIR (Forest Glen Section) every Wednesday afternoon.

q. Radioactive Waste Disposal

All radioactive waste will be transferred to Health Physics Office in accordance with Health Physics Condition No. 4.

r. Room Survey

All room surveys will be conducted in accordance with Health Physics Condition No. 2.

s. Personnel Dosimetry

Whole Body ☐

Wrist Badge ☐

TLD Ring ☐

will be requested in accordance with Health Physics Condition No. 1.
Assigned dosimetry monitors will be worn by all participating personnel.

t. Are there any significant non-radiation personnel hazards associated with experiments; (Biological, Explosive, Toxic substances, High Intensity Optical sources, Microwaves, or Electrical) that would effect Health Physics personnel during there routine inspections of these areas.

☒

No

☐

Yes(Please specify)

The Research Protocol enumerated above and on the previous pages is designed to ensure that occupational radiation exposures and release of radioactive effluents to the environment will be "as low as reasonably achievable" (ALARA) during all phases of the research procedure.

Roy H. H. Way, III

Signature

Date

CHAMMP Report
Internal License Summary

OCT 23 1995 11:45:13

Internal License Number: 642
License: Cheney, Christopher
Approval Date: 09/27/93 Expiration Date: 11/30/95
License Type: Last Audit Date: 05/23/95
Latest Amendment Number: Latest Amendment Date:

Line External Item Line Item	Radio- Nuclide	Max Possess Activity	Max Order Activity	Chemical/Physical Form	Purpose	Active
1 08-01738-02*11	H-3	5.000E+00 mCi		unsealed	Medical	Yes
2 08-01738-02*13	Tc-99m	1.000E+00 mCi		unsealed	Medical	Yes
3 08-01738-02*7	I-125	5.000E+01 uCi		unsealed	Medical	Yes

Workers	Role	Work Phone	Work Ext	Training Requirements	Next Training Date
Cheney, Christopher	Primary Investigator	(202) 782-6765		ANNUAL_REF IPRP	10/10/1995
Hayse, Christina	Staff Worker	(202) 782-6765		SEMINAR ANNUAL_REF IPRP	10/10/1995
Meydonovitch, Corinne	Staff Worker	(202) 782-6765		ANNUAL_REF IPRP	10/10/1995
Terrell, Richard	Staff Worker	(202) 782-6765		ANNUAL_REF IPRP	11/15/2032 10/10/1995

Location	Building	Room	Phone	Phone Ext
2_7270	2	7270		
2_7268	2	7268		

ZERO Records Processed

0 inventory 23 May 95

Care Map/it

CHAMMF Report
 Receipts in Inventory by Activity for Internal License 642(Cheney, Christopher)

MAR 06 1995 07:13:06

Key	Radio-Nuclide	Chemical/Physical Form	Receipt Date	Receipt Activity	Current Activity	Inventory Activity(mCi)	Inventory Activity(MBq)	Supplier	P.O. Number
RMR48152	I-125	HUMAN EGF	10/04/94	2.000E-03 mCi	<u>0.00</u>	3.148E-05	1.165E-03	Biomedical Tech	HJF409481
RMR48341	I-125	HUMAN EGF	12/05/94	5.000E-03 mCi	<u>0.00</u>	2.412E-03	8.924E-02	Biomedical Tech	HJF501986

2 Records Processed

We have disposed of all I-125 EGF
 on 31 Jan 95

The principal users signature on the bottom of this form indicates that a physical inventory of the radionuclides listed has been performed.

Signature: C. Magdonovitch Date: 3/17/95

CHAMMP Report
Receipts in Inventory by Activity for Internal License 642(Cheney, Christopher)

OCT 24 1994 07:15:28

Key	Radio-Nuclide	Chemical/Physical Form	Receipt Date	Receipt Activity	Current Activity	Inventory Activity(mCi)	Inventory Activity(MBq)	Supplier	P.O. Number
RMR47861 ✓	I-125	HUMAN EGF	06/22/94	5.000E-03 mCi	<u>0</u>	2.874E-03	1.063E-01	Biomedical Tech	HJF406604
RMR48006 ✓	I-125	HUMAN EFG	08/09/94	5.000E-03 mCi	<u>0</u>	5.000E-03	1.850E-01	Biomedical Tech	HJF407732
RMR48152 ✓	I-125	HUMAN EGF	10/04/94	2.0 2.000E-03 mCi	<u>0.0069</u>	2.000E-03	7.400E-02	Biomedical Tech	HJF409481

2.5
0.0001 DNB

3 Records Processed

The principal users signature on the bottom of this form indicates that a physical inventory of the radionuclides listed has been performed.

Signature: Christine Mayhew Date: 11/1/94

CHAMMP Report
Receipts in Inventory by Activity for Internal License 642(Cheney, Christopher)

JAN 24 1994 10:32:44

Key	Radio- Nuclide	Chemical/Physical Form	Receipt Date	Receipt Activity	Current Activity	Inventory Activity(mCi)	Inventory Activity(MBq)	Supplier	P.O. Number
RMR47120	I-125	EFG	11/02/93	5.000E-03	mCi <u>0.00</u>	5.000E-03	1.850E-01	Biomedical Tech	HJF307819
RMR47243	I-125	HUMAN EGF	12/08/93	5.000E-03	mCi <u>5.00</u>	5.000E-03	1.850E-01	Biomedical Tech	HJF401687

2 Records Processed

Signature: Caine Magdalen Date: 01/27/94

CHAMMP Report
Receipts in Inventory by Activity for Internal License 642(Cheney, Christopher)

JUN 20 1994 07:46:44

Key	Radio- Nuclide	Chemical/Physical Form	Receipt Date	Receipt Activity	Current Activity	Inventory Activity(mCi)	Inventory Activity(MBq)	Supplier	P.O. Number
RMR47243	I-125	HUMAN EGF	12/08/93	5.000E-03 mCi	<u>0</u>	2.823E-03	1.044E-01	Biomedical Tech	HJF401687

1 Records Processed

per conversation with Corinne Maydonovitch

The principal users signature on the bottom of this form indicates that a physical inventory of the radionuclides listed has been performed.

Signature: Ms. C. Collins Date: 6/21/94

02/25/93

AUTHORIZATION ISOTOPE INVENTORY

(The Principle User's signature on the bottom of this form indicates that
a physical inventory of the isotopes listed has been performed.)

Authorization Number 642

HPO TAG NO	CHEMICAL FORM	ORIGIONAL DATE RECEIVED	ORIGINAL ACTIVITY IN MILLCURIES	ENTER CURRENT ACTIVITY IN MILLCURIES	LAST UPDATED ACTIVITY IN MILLCURIES	VENDOR	PURCHASE ORDER NUMBER	CALL NO	REMARKS
------------------	------------------	-------------------------------	---------------------------------------	--	---	--------	-----------------------------	------------	---------

=====

Total millicuries NONRAD

12/31/99

0.0000

0.0000 SAMPLE

Total activity

0.0000

Isotope possession limit

0.0000

I¹²⁵ EPGF 8/6/93 0.005mCi 0.00394

HJF 307819 Biomed Tech INC
26904

ordered through the Jackson
Foundation shipped directly
to BLDB 2

Signature

Carla Magath

Date

2 Nov 93

AUTHORIZATION ISOTOPE INVENTORY

Authorization Number 642

Signature [Signature] Date Feb 3, 1983

* We have disposed of all radioactivity
Located in Bldg 2, Rm 7F15 and had
the room unposted by HP. We are
not currently using the technique requiring
thymidine - Will let you people
know, in the future, if we decide to
use radioactivity

Thank you -

Crime Magistrate
202-876-1765

AUTHORIZATION ISOTOPE INVENTORY

(The Principle User's signature on the bottom of this form indicates that a physical inventory of the isotopes listed has been performed.)

Authorization Number 642

IPD TAG NO	CHEMICAL FORM	ORIGINAL DATE RECEIVED	ORIGINAL ACTIVITY IN MILLCURIES	ENTER CURRENT ACTIVITY IN MILLCURIES	LAST UPDATED ACTIVITY IN MILLCURIES	VENDOR	PURCHASE ORDER NUMBER	CALL NO	REMARKS
=====									
Total millicuries H-3									
42495	THYMIDINE	04/23/91	1.0000	<u>same</u>		1.0000 NEN DUPONT	DADA1590MA236		
42668	THYMIDINE	05/21/91	1.0000	<u>/</u>		1.0000 NEN DUPONT	DADA1590MA236		
43403	THYMIDINE	09/19/91	1.0000	<u>/</u>		0.7500 NEN DUPONT	DADA1590MA236		
Total activity			3.0000	<u>↓</u>		Isotope possession limit	5.0000		

Signature Richard Levell Date 11-4-92

07/31/92

AUTHORIZATION ISOTOPE INVENTORY

(The Principle User's signature on the bottom of this form indicates that a physical inventory of the isotopes listed has been performed.)

ISO TAG NUMBER	CHEMICAL FORM	DATE RECEIVED	ORIGINAL ACTIVITY IN MILLICURIES	NEW ACTIVITY IN MILLICURIES	LAST UPDATED ACTIVITY IN MILLICURIES	VENDOR	PURCHASE ORDER NUMBER	CALL NO	REMAR
rec'd 8/27/92									

** Authorization Number: 642

* Total Millicuries H-3

42495	THYMIDINE	04/23/91	1.0000	<u>1.000</u>	1.0000	NEN DUPONT	DADA1590MA236
42668	THYMIDINE	05/21/91	1.0000	<u>1.000</u>	1.0000	NEN DUPONT	DADA1590MA236
43403	THYMIDINE	09/19/91	1.0000	<u>0.750</u>	0.7500	NEN DUPONT	DADA1590MA236
* Subsubtotal *							

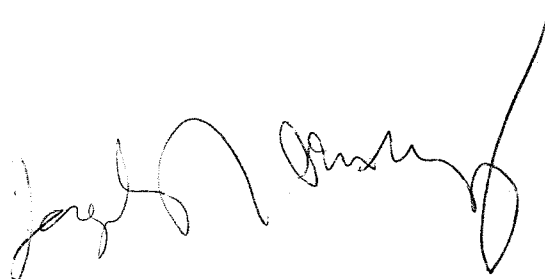
** Subtotal **

3.0000 2.7500

*** Total ***

3.0000 2.7500

3.0000 2.7500



MAJ JOSEPH R. MURPHY
GASTROENTEROLOGY SERVICE
WALTER REED ARMY MEDICAL CENTER
WASHINGTON, D.C. 20307-5001

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GASTROENTEROLOGY SERVICE
WALTER REED ARMY MEDICAL CENTER
WASHINGTON, D.C. 20307-5001

AUTHORIZATION ISOTOPE INVENTORY
(The Principle User's signature on the bottom of this form indicates that a physical inventory of the isotopes listed has been performed.)

HPO TAG NUMBER	CHEMICAL FORM	DATE RECEIVED	ORIGINAL ACTIVITY IN MILLICURIES	NEW ACTIVITY IN MILLICURIES	LAST UPDATED ACTIVITY IN MILLICURIES	VENDOR	PURCHASE ORDER NUMBER	CALL NO	REMA
<i>Audit 5/6/92</i>									

** Authorization Number: 642

* Total Millicuries H-3

42495	THYMIDINE	04/23/91	1.0000	<u>1.0</u>		1.0000 NEN DUPONT	DADA1590MA236
42568	THYMIDINE	05/21/91	1.0000	<u>1.0</u>		1.0000 NEN DUPONT	DADA1590MA236
43403	THYMIDINE	09/19/91	1.0000	<u>1.0 0.75</u>		0.7500 NEN DUPONT	DADA1590MA236

* Subsubtotal *

3.0000 2.7500

** Subtotal **

3.0000 2.7500

*** Total ***

3.0000 2.7500

Richard Ferrell 5-6-92

Crime Magazine 5-6-92

AUTHORIZATION ISOTOPE INVENTORY
(The Principle User's signature on the bottom of this form
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has been performed.)

HPO TAG NUMBER	CHEMICAL FORM	DATE RECEIVED	ORIGINAL ACTIVITY IN MILLICURIES	NEW ACTIVITY IN MILLICURIES	LAST UPDATED ACTIVITY IN MILLICURIES	VENDOR	PURCHASE ORDER NUMBER	CAL NO
-------------------	------------------	------------------	--	-----------------------------------	--	--------	-----------------------------	-----------

*** Authorization Number: 642

*** Total Millicuries H-3

42495	THYMIDINE	04/23/91	1.0000	<u>1.000</u>	1.0000	NEN DUPONT	DADA1590MA236	
42668	THYMIDINE	05/21/91	1.0000	<u>1.000</u>	1.0000	NEN DUPONT	DADA1590MA236	
43071	THYMIDINE	07/23/91	1.0000	<u>DISCARDED</u>	0.9500	NEN DUPONT	DADA1590MA236	
43245	THYMIDINE	08/21/91	1.0000	<u>DISCARDED</u>	1.0000	NEN DUPONT	DADA1590MA236	
43403	THYMIDINE	09/19/91	1.0000	<u>0.750</u>	1.0000	NEN DUPONT	DADA1590MA236	
* Subsubtotal *			5.0000		4.9500			
** Subtotal **			5.0000		4.9500			
*** Total ***			5.0000		4.9500			

Joseph A. Murray
13 Feb 92

AUTHORIZATION ISOTOPE INVENTORY
(The Principle User's signature on the bottom of this form indicates that a physical inventory of the isotopes listed has been performed.)

HPD TAG NUMBER	CHEMICAL FORM	DATE RECEIVED	ORIGINAL ACTIVITY IN MILLICURIES	NEW ACTIVITY IN MILLICURIES	LAST UPDATED ACTIVITY IN MILLICURIES	VENDOR	PURCHASE ORDER NUMBER	CALL NO	REMA
Audit	11/4/91								

** Authorization Number: 642

* Total Millicuries H-3

42279	THYMIDINE	03/20/91	1.0000	0				
42495	THYMIDINE	04/23/91	1.0000	1.0	1.0000	NEN DUPONT	DADA5190MA236	
42568	THYMIDINE	05/21/91	1.0000	1.0	1.0000	NEN DUPONT	DADA1590MA236	
42963	THYMIDINE	06/18/91	1.0000	1.0	1.0000	NEN DUPONT	DADA1590MA236	
43071	THYMIDINE	07/23/91	1.0000	0.950	1.0000	NEN DUPONT	DADA1590MA236	
43245	THYMIDINE	08/21/91	1.0000	0.950	1.0000	NEN DUPONT	DADA1590MA236	
43403	THYMIDINE	09/19/91	1.0000	1.0	1.0000	NEN DUPONT	DADA1590MA236	
* Subsubtotal *			7.0000		7.0000			
** Subtotal **			7.0000		7.0000			
*** Total ***			7.0000		7.0000			

Joseph A. [Signature]
4 Nov 91

AUTHORIZATION ISOTOPE INVENTORY

HPD TAG NUMBER	CHEMICAL FORM	DATE RECEIVED	ORIGINAL ACTIVITY IN MILLICURIES	NEW ACTIVITY IN MILLICURIES	LAST UPDATED ACTIVITY IN MILLICURIES	VENDOR	PURCHASE ORDER NUMBER	CALL NO	REMA
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====

** Authorization Number: 642

* Total Millicuries H-3

41794	THYMIDINE	12/18/90	1.0000	0.00	1.0000	NEN DUPONT	DADA1590MA236
41939	THYMIDINE	01/22/91	1.0000	0.00	1.0000	NEN DUPONT	DADA1590MA236
42117	THYMIDINE	02/20/91	1.0000	0.00	1.0000	NEN DUPONT	DADA1590MA236
42279	THYMIDINE	03/20/91	1.0000	1.00	1.0000	NEN DUPONT	DADA1590MA236
42495	THYMIDINE	04/23/91	1.0000	1.00	1.0000	NEN DUPONT	DADA1590MA236
42568	THYMIDINE	05/21/91	1.0000	1.00	1.0000	NEN DUPONT	DADA1590MA236
42363	THYMIDINE	06/18/91	1.0000	1.00	1.0000	NEN DUPONT	DADA1590MA236
43071	THYMIDINE	07/23/91	1.0000	1.00	1.0000	NEN DUPONT	DADA1590MA236
* Subsubtotal *			8.0000		8.0000		

** Subtotal **

*** Total ***

8.0000
8.0000
8.0000
8.0000

Joseph R. Murphy
Haj MC
16 Aug 91

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GASTROENTEROLOGY SERVICE
WALTER REED ARMY MEDICAL CENTER
WASHINGTON, D.C. 20307-5001

AUTHORIZATION ISOTOPE INVENTORY

HPD TAG NUMBER	CHEMICAL FORM	DATE RECEIVED	ORIGINAL ACTIVITY IN MILLICURIES	NEW ACTIVITY IN MILLICURIES	LAST UPDATED ACTIVITY IN MILLICURIES	VENDOR	PURCHASE ORDER NUMBER	CALL NO	REMA
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====

** Authorization Number: 642

* Total Millicuries H-3

41-14	THYMIDINE	10/04/90	1.0000	0.00	0.6750	NEN DUPONT	DADA1590MA898		
41-67	THYMIDINE	10/16/90	1.0000	0.00	1.0000	NEN DUPONT	DADA1590MA236		
41-94	THYMIDINE	12/18/90	1.0000	1.00	1.0000	NEN DUPONT	DADA1590MA236		
41-39	THYMIDINE	01/22/91	1.0000	1.00	1.0000	NEN DUPONT	DADA1590MA236		
42-17	THYMIDINE	02/20/91	1.0000	1.00	1.0000	NEN DUPONT	DADA1590MA236		
42-79	THYMIDINE	03/20/91	1.0000	1.00	1.0000	NEN DUPONT	DADA1590MA236		
42-95	THYMIDINE	04/23/91	1.0000	1.00	1.0000	NEN DUPONT	DADA1590MA236		
* Subsubtotal *			7.0000		6.6750				
** Subtotal **			7.0000		6.6750				
*** Total ***			7.0000		6.6750				

Cara May 1 May 91

AUTHORIZATION ISOTOPE INVENTORY

HPO TAG	CHEMICAL	DATE	ORIGINAL	NEW	LAST UPDATED	VENDOR	PURCHASE	CALL	REMA
NUMBER	FORM	RECEIVED	ACTIVITY	ACTIVITY	ACTIVITY		ORDER	NO	
			IN MILLICURIES	IN MILLICURIES	IN MILLICURIES		NUMBER		

** Authorization Number: 642

* Total Millicuries H-3

39001	THYMIDINE	01/03/90	0.2500	0	0.1750	NEN DUPONT	DADA1589M9865
39777	THYMIDINE	02/07/90	0.2500		0.2500	NEN DUPONT	DADA1589M9865
39072	THYMIDINE	03/06/90	0.2500		0.2500	NEN DUPONT	DADA1589M9865
40202	THYMIDINE	04/04/90	0.2500		0.2500	NEN DUPONT	DADA1589M9865
40020	THYMIDINE	05/02/90	0.2500		0.2500	NEN DUPONT	DADA1589M9865
40017	THYMIDINE	06/05/90	0.2500		0.2500	NEN DUPONT	DADA1589M9865
40723	THYMIDINE	06/21/90	0.2500		0.2500	NEN DUPONT	DADA1589M9865
40670	THYMIDINE	07/13/90	1.0000		1.0000	NEN DUPONT	DADA1590M9349
40881	THYMIDINE	07/17/90	1.0000		1.0000	NEN DUPONT	DADA1590A0014
41038	THYMIDINE	08/09/90	1.0000		1.0000	NEN DUPONT	DADA1590MA412
41145	THYMIDINE	08/29/90	1.0000		1.0000	NEN DUPONT	DAMD1590MB164
41414	THYMIDINE	10/04/90	1.0000	0.675	1.0000	NEN DUPONT	DADA1590MA898
41467	THYMIDINE	10/16/90	1.0000	1.0	1.0000	NEN DUPONT	DADA1590MA236

* Subsubtotal *

7.7500

7.6750

** Subtotal **

7.7500

7.6750

*** Total ***

7.7500

7.6750

Jeffrey May Mc
1 Nov 90

AUTHORIZATION ISOTOPE INVENTORY

PO TAG NUMBER	CHEMICAL FORM	DATE RECEIVED	ORIGINAL ACTIVITY IN MILLICURIES	NEW ACTIVITY IN MILLICURIES	LAST UPDATED ACTIVITY IN MILLICURIES	VENDOR	PURCHASE ORDER NUMBER	REMARKS
<i>Audit 3 MAY 90</i>								

* Authorization Number: 642

Total Millicuries H-3

8424	THYMIDINE	08/02/89	0.2500	<u>0</u>	0.2500	NEN DUPONT	DADA1589M0861
8661	THYMIDINE	09/06/89	0.2500	<u>0</u>	0.2500	NEN DUPONT	DADA1589M0861
8673	THYMIDINE	09/06/89	0.2500	<u>0</u>	0.2500	NEN DUPONT	DADA1589M9865
8885	THYMIDINE	10/03/89	0.2500	<u>0</u>	0.2500	NEN DUPONT	DADA1589M9865
9073	THYMIDINE	11/02/89	0.2500	<u>0</u>	0.2500	NEN DUPONT	DADA1589M9865
9327	THYMIDINE	12/05/89	0.2500	<u>0</u>	0.2500	NEN DUPONT	DADA1589M9865
9501	THYMIDINE	01/03/90	0.2500	<u>0.175</u>	0.2500	NEN DUPONT	DADA1589M9865
9777	THYMIDINE	02/07/90	0.2500	<u>0.25</u>	0.2500	NEN DUPONT	DADA1589M9865
9972	THYMIDINE	03/06/90	0.2500	<u>0.25</u>	0.2500	NEN DUPONT	DADA1589M9865
0202	THYMIDINE	04/04/90	0.2500	<u>0.25</u>	0.2500	NEN DUPONT	DADA1589M9865
* Subsubtotal *			2.5000		2.5000		

** Subtotal **

*** Total ***

40420 Thymidine H³

2.5000
0.25 *0.25*

rec'd 2 MAY 90

Cain M. Hight
3 May 90

AUTHORIZATION ISOTOPE INVENTORY

I HPO TAG I NUMBER	CHEMICAL FORM	DATE RECEIVED	ORIGINAL ACTIVITY IN MILLICURIES	NEW ACTIVITY IN MILLICURIES
=====	=====	=====	=====	=====

*** Authorization Number: 642

* Total Millicuries H-3

37610		04/05/89	0.2500	0
37820		05/04/89	0.2500	0
38045		06/08/89	0.2500	0
38246		07/07/89	0.2500	0
38424		08/02/89	0.2500	0.25
38661	THYMIDINE	09/06/89	0.2500	0.25
38673	THYMIDINE	09/06/89	0.2500	0.25
38885	THYMIDINE	10/03/89	0.2500	0.25
39073	THYMIDINE	11/02/89	0.2500	0.25
* Subsubtotal *				0.25

2.2500

** Subtotal **

2.2500

*** Total ***

2.2500

Celine M. [Signature]
14 Nov 89

05/04/89

AUTHORIZATION ISOTOPE INVENTORY

HPO TAG NUMBER	PURCHASE ORDER & CALL NUMBER	DATE RECEIVED	ORIGINAL ACTIVITY IN MILLICURIES	NEW ACTIVITY IN MILLICURIES
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** Authorization Number: 642

* Total Millicuries H-3

35377	DADA1585A0185	IM03	09/19/88	2.0000	
35718	DADA1589M0861		11/16/88	0.2500	0
35808	DADA1589M0861		12/02/88	0.2500	0
35997	DADA1589M0861		01/05/88	0.2500	0
37173	DADA1589M0861		02/02/89	0.2500	0
37361	DADA1589M0861		03/02/89	0.2500	0
37610	DADA1589M0861		04/05/89	0.2500	0

* Subsubtotal * 37820

** Subtotal **

*** Total ***

3.5000

3.5000

3.5000

Erin
R May 87

AUTHORIZATION ISOTOPE INVENTORY

HFO TAG NUMBER	PURCHASE ORDER & CALL NUMBER	DATE RECEIVED	ORIGINAL ACTIVITY IN MILLICURIES	NEW ACTIVITY IN MILLICURIES
Audit 11/15/88				

*** Authorization Number: 642

Total Millicuries H-3				
30377 DADA1585A0185 IM03		09/19/88	2.0000	0.700
* Subsubtotal *			2.0000	
** Subtotal **			2.0000	
*** Total ***			2.0000	

Ernie Mayfield 15 Dec 88

AUTHORIZATION ISOTOPE INVENTORY

INFO TAG NUMBER	PURCHASE ORDER & CALL NUMBER	DATE RECEIVED	ORIGINAL ACTIVITY IN MILLICURIES	NEW ACTIVITY IN MILLICURIES
<i>Adi</i>	<i>Anth 642</i>			
* Subsubtotal *				
** Subtotal **			0.0000	
*** Total ***			0.0000	
<i>H³ 1.8 mCi on hand</i>			0.0000	

(AR 40-2)

☆U.S. Government Printing Office: 1981-341-646/8316

(AR 40-2)

☆U.S. Government Printing Office: 1981-341-646/8316

(AR 40-2)

☆U.S. Government Printing Office: 1981-341-646/8316

(AR 40-2)

☆ U.S. Government Printing Office: 1985-461-033/38588