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Notices

DEPARTMENT OF HEALTH AND HUMAN SERVICES (HHS)

Public Health Service (PHS)

National Institutes of Health (NIH)

National Toxicology Program Office

National Toxicology Program (NTP) Board of Scientific Counselors' Meetings; Announcement of NTP Draft Technical Reports Projected for Public Review From June 1993 Through Fall 1995

58 FR 32539

DATE: Thursday, **June** 10, 1993

To view the next page, type .np* TRANSMIT.
To view a specific page, transmit p* and the page number, e.g. p*1

[*32539]

To earlier inform the public and allow interested parties to comment or obtain information on long-term toxicology and carcinogenesis studies prior to public peer review, the National Toxicology Program (NTP) again publishes in the **Federal Register** a current listing of draft Technical Reports projected for evaluation by the NTP Board of Scientific Counselors' Technical Reports Review Subcommittee during their next six meetings from June 1993 through the fall of 1995. We plan to continue updating the listing with announcements in the **Federal Register** once or twice a year. The next meeting dates are June 22, 1993, and November 16-17, 1993. Specific dates for 1994 and 1995 meetings will be established at a later time.

The attachment gives draft Technical Reports of studies on chemicals listed alphabetically within known or approximate dates of reviews and includes Chemical Abstracts Service (CAS) registry numbers, responsible study scientists with telephone numbers, primary use, route of administration, species, exposure levels, sacrifice date, and NTP report numbers (if assigned).

[*32540]

Those interested in having more information about any of the studies listed in this announcement, or wanting to provide input, should contact the particular NTP study scientist as early as possible by telephone or by mail to: NIEHS, P.O. Box 12233, Research Triangle Park (RTP), North Carolina 27709. The study scientist would welcome receiving toxicology and carcinogenesis data from completed, ongoing or planned studies by others as well as current production data, human exposure information, and use and use patterns.

The Executive Secretary, Dr. Larry G. Hart, P.O. Box 12233, Research Triangle Park, North Carolina 27709, telephone 919/541-3971, will furnish final agendas and other program information prior to a meeting, and summary minutes subsequent to a meeting. Individuals who plan to attend and need special assistance, such as sign language interpretation or other reasonable accommodations, should contact Dr. Hart in advance of the meeting.

Dated: June 4, 1993.

Kenneth Olden,

Director, National Toxicology Program.

Chemicals Tentatively Scheduled for Public Peer Review by the NTP Board of Scientific Counselors Technical Reports Review Subcommittee From June 22, 1993 Through Fall 1995

Chemical name/CAS No.	Use	Study scientist
Chemicals Tentatively Scheduled for Peer Review 06/93		
Long-Term Studies:		
Barium Chloride Dihydrate (Superfund Chemical) 10326-27-9 /C61074B	DYE	K. Abdo 919-541-7819
Hexachlorocyclopentadiene (Superfund Chemical) 77-47-4 /C55607B	PEST	K. Abdo 919-541-7819
Methylphenidate Hydrochloride 298-59-9 /C5628OB	PHAR	J. Dunnick 19-541-4811
P-Nitrobenzoic Acid 62-23-7 /C61778B	INTR	J. Dunnick 919-541-4811
4,4-Thiobis(6-Tert-Butyl-M-Cresol) 96-69-5 /C61610B	RUBR	J. Cirvello 919-541-1408
Tricresyl Phosphate 1330-78-5 /C61041B	PLAS	R. Irwin 919-541-3340
Short-Term Studies:		
Isoprene 78-79-5 /C61825	RUBR	R. Melnick 919-541-4142
Isoprene 78-79-5 C61825C	RUBR	R. Melnick 919-541-4142
Chemicals Tentatively Scheduled for Peer Review 11/93		
Long-Term Studies:		

1-Amino-2,4-
Dibromoanthra-
quinone 81-49-2 /C55458 DYE J. Huff 919-541-
3780
O-Benzyl-P-Chlorophenol 120-32-1 GERM W. Eastin 919-
/C61201B 541-7941
Diethyl Phthalate 84-66-2 INTR W. Eastin 919-
/C60048B 541-7941
Diethyl Phthalate/Dimethyl PLAS W. Eastin 919-
Phthalate Dieth/Dimeth/C55914 541-7941
Ozone 10028-15-6 /C88034 IND G. Boorman 919-
541-3440
Ozone 10028-15-6 /C88034B IND G. Boorman 919-
541-3440
Ozone/NNK Ozonnnkcomb /C88034C TBCO G. Boorman 919-
541-3440

Chemicals Tentatively Scheduled for
Peer Review 06/94

Long-Term Studies:
Acetonitrile Solv 75-05-8 J. Roycroft 919-
/C60822B 541-3627
Benzethonium Chloride 121-54-0 GERM R. Sills 919-
/C61494B 541-0180
2,2-BIS(Bromomethyl)-1,3- FLAM R. Irwin 919-
Propanediol 3296-90-0 /C55516C 541-3340
Tert-Butyl Alcohol 75-65-0 PHAR R. Maronpot 919-
/C55367B 541-4861
INIT/PROM Comparative Mouse PHAR W. Eastin 919-
Study (DMBA/TPA/BPO/MNG) INIT/PROM 541-7941
/C61994A
INIT/PROM Comparative Mouse PHAR W. Eastin 919-
Study (DMBA/TPA/BPO/MNNG) INIT/PROM 541-7941
/c61994B
INIT/PROM Comparative Mouse PHAR W. Eastin 919-
Study (DMBA/TPA/BPO/MMG) INIT/PROM 541-7941
/C61994C

1-Trans-Delta-9-
Tetrahydroccan-
nabinol 1972-08-3 C56371B PHAR J. Dunnick 919-
541-4811

Chemicals Tentatively Scheduled for
Peer Review 10/94

Long-Term Studies:
Isobutyl Nitrite (AIDS) 542-56-3 INTR K. Abdo 919-541-
/C61052B 7819
Nickel (II) Oxide 1313-99-1 INTR W. Eastin 919-
/C00862 541-7941
Nickel Sulfate Hexahydrate INTR W. Eastin 919-
10101-97-0 /C60344 541-7941

Nickel Subsulfide 12035-72-2 ENVH W. Eastin 919-
/C61654 541-7941
Scopolamine Hydrobromide PHAR K. Abdo 919-541-
Trihydrate 6533-68-2 /C03098C 7819
Tetrafluoroethylene 116-14-3 Food J. Roycroft 919-
/C61596B 541-3627
Triethanolamine 102-71-6 DTRG R. Herbert 919-
/C61621D 541-4613

Chemicals Tentatively Scheduled for
Peer Review 06/95

Long-Term Studies:
Butyl Benzyl Phthalate 85-68-7 PLAS K. Abdo 919-541-
/C54375C 7819
Codeine 76-57-3 /C61541C PHAR D. Walters 919-
541-3355
1,2-Dihydro-2,2,4- RUBR J. Dunnick 919-
Trimethylquinoline (Monomer) 147-47- 541-4811
7 /C60902B
1,2-Dihydro-2,2,4- RUBR J. Dunnick 919-
Trimethylquinoline (Monomer) 147-47- 541-4811
7 /C60902D
Ethylbenzene (Superfund RUBR J. Roycroft 919-
Chemical) 100-41-4 /C56393B 541-3627
Nitromethane Fuel 75-52-5 J. Roycroft 919-
/C61927 541-3627

Salicylazosulfa-
pyridine 599-79-1 C61552B PHAR F. Kari 919-541-
2926
Tetrahydrofuran 109-99-9 SOLV J. Roycroft 919-
/C60560C 541-3627

Chemicals Tentatively Scheduled for
Peer Review 10/95

Long-Term Studies:
T-Butylhydroquinone 1948-33-0 Food K. Abdo 919-541-
/C62157 7819
Chloroprene 126-99-8 /C50522B PLAS J. Roycroft 919-
541-3627
Cobalt Sulfate Heptahydrate PNT J. Roycroft 919-
10026-24-1 /C61530B 541-3627
D & C Yellow No. 11 8003-22-3 DYE W. Eastin 919-
/C61789B 541-7941
Interferon Ad + 3 minutes - PHAR R. Irwin 919-
Azido-3 minutes -Deoxythymidine 541-3340
(AIDS initiative) Intaztcomb /C89006
Isobutyraldehyde 78-84-2 INTR J. Roycroft 919-
/C60968B 541-3627
Molybdenum Trioxide 1313-27-5 METL J. Roycroft 919-
/C61369C 541-3627

Chemical name/CAS No. LAB Route Species

Chemicals Tentatively Scheduled
for Peer Review 06/93
Long-Term Studies:
Barium Chloride Dihydrate MA Water RM
(Superfund Chemical) 10326-27-9
/C61074B

Hexachlorocyclo-
pentadiene (Superfund Chemical) 77- BN INHAL RM
47-4 /C55607B
Methylphenidate Hydrochloride MA Feed RM
298-59-9 /C5628OB
P-Nitrobenzoic Acid 62-23-7 SO Feed RM
/C61778B
4,4-Thiobis(6-Tert-Butyl-M- BC Feed RM
Cresol) 96-69-5 /C61610B
Tricresyl Phosphate 1330-78-5 BC Feed RM
/C61041B

Short-Term Studies:
Isoprene 78-79-5 /C61825 BN INHAL RM
Isoprene 78-79-5 C61825C BN INHAL RM

Chemicals Tentatively Scheduled
for Peer Review 11/93

Long-Term Studies:
1-Amino-2,4-
Dibromoanthra-
quinone 81-49-2 /C55458 MA Feed RM
O-Benzyl-P-Chlorophenol 120-32- BC SP M
1 /C61201B
Diethyl Phthalate 84-66-2 HR SP RM
/C60048B
Diethyl Phthalate/Dimethyl HR SP M
Phthalate Dieth/Dimeth/C55914
Ozone 10028-15-6 /C88034 BN INHAL RM
Ozone 10028-15-6 /C88034B BN INHAL RM
Ozone/NNK Ozonnnkcomb /C88034C BN INHAL R

Chemicals Tentatively Scheduled
for Peer Review 06/94

Long-Term Studies:
Acetonitrile Solv 75-05-8 BN INHAL RM
/C60822B
Benzethonium Chloride 121-54-0 BC SP RM
/C61494B
2,2-BIS(Bromomethyl)-1,3- SO Feed RM
Propanediol 3296-90-0 /C55516C
Tert-Butyl Alcohol 75-65-0 SO Water RM
/C55367B
INIT/PROM Comparative Mouse BC SP MM
Study (DMBA/TPA/BPO/MNG) INIT/PROM

/C61994A
INIT/PROM Comparative Mouse BC SP MM
Study (DMBA/TPA/BPO/MNNG) INIT/PROM
/c61994B
INIT/PROM Comparative Mouse C SP MMM
Study (DMBA/TPA/BPO/MMG) INIT/PROM
/C61994C

1-Trans-Delta-9-
Tetrahydroccan-
nabinol 1972-08-3 C56371B MA GAV RM

Chemicals Tentatively Scheduled
for Peer Review 10/94

Long-Term Studies:
Isobutyl Nitrite (AIDS) 542-56- TR INHAL RM
3 /C61052B
Nickel (II) Oxide 1313-99-1 LI INHAL RM
/C00862
Nickel Sulfate Hexahydrate LI INHAL RM
10101-97-0 /C60344
Nickel Subsulfide 12035-72-2 LI INHAL RM
/C61654
Scopolamine Hydrobromide BC GAV RMM
Trihydrate 6533-68-2 /C03098C
Tetrafluoroethylene 116-14-3 BN INHAL RM
/C61596B
Triethanolamine 102-71-6 BC SP RM
/C61621D

Chemicals Tentatively Scheduled
for Peer Review 06/95

Long-Term Studies:
Butyl Benzyl Phthalate 85-68-7 SO Feed RR
/C54375C
Codeine 76-57-3 /C61541C MB Feed RM
1,2-Dihydro-2,2,4- MA SP RMM
Trimethylquinoline (Monomer) 147-
47-7 /C60902B
1,2-Dihydro-2,2,4- MA SP RM
Trimethylquinoline (Monomer) 147-
47-7 /C60902D
Ethylbenzene (Superfund TR INHAL RM
Chemical) 100-41-4 /C56393B
Nitromethane Fuel 75-52-5 BN INHAL RM
/C61927

Salicylazosulfa-
pyridine 599-79-1 C61552B SO GAV RM
Tetrahydrofuran 109-99-9 BN INHAL RM
/C60560C

Chemicals Tentatively Scheduled

for Peer Review 10/95

Long-Term Studies:
T-Butylhydroquinone 1948-33-0 SO Feed RMR
/C62157
Chloroprene 126-99-8 /C50522B BN INHAL RM
Cobalt Sulfate Heptahydrate BN INHAL RM
10026-24-1 /C61530B
D & C Yellow No. 11 8003-22-3 SO Feed R
/C61789B
Interferon Ad + 3 minutes - SO SC& GV MM
Azido-3 minutes -Deoxythymidine
(AIDS initiative) Intaztcomb
/C89006
Isobutyraldehyde 78-84-2 BN INHAL RM
/C60968B
Molybdenum Trioxide 1313-27-5 BN INHAL RM
/C61369C

Chemical name/CAS No.	Exposure levels SACRF rate	NTP	TR No.
Chemicals Tentatively Scheduled for Peer Review 06/93			
Long-Term Studies:			
Barium Chloride Dihydrate (Superfund Chemical) 10326-27-9 /C61074B	0,500,1200,2500 PPM	10/87	432
Hexachlorocyclo-pentadiene (Superfund Chemical) 77-47-4 /C55607B	R:0,.01,.05, 2PPM M:0,.01,.05, 2,.5PPM/50 per group	12/87	437
Methylphenidate Hydrochloride 298-59-9 /C5628OB	R: 0,100,500,1000 PPM. M: 0,50,250,500 PPM/50 per group	09/88	439
P-Nitrobenzoic Acid 62-23-7 /C61778B	0, 1250, 2500, or 5000 PPM /60 per group	05/90	442
4,4-Thiobis(6-Tert-Butyl-M-Cresol) 96-69-5 /C61610B	R: 0,.05,.1,.25, M: 0,.25, .05,.1%	01/89	435
Tricresyl Phosphate 1330-78-5 /C61041B	R: 0,75,150,300,600, M: 0,60,125,250 PPM/50 per group	10/88	433

Short-Term Studies:
Isoprene 78-79-5 R&M: 31
/C61825 0,70,220,700,2200,
7000 PPM
Isoprene 78-79-5 R&M: (Males only) 38
C61825C 0,70,220,700,2200,
7000 PPM

Chemicals Tentatively
Scheduled for Peer
Review 11/93

Long-Term Studies:
1-Amino-2,4-
Dibromoanthra-
quinone 81-49-2 R: 08/85 383
/C55458 0,.2,.5,1.0,2.0,
M: 0,1.0,2.0%/50
per group
O-Benzyl-P- Acetone Control, 04/86 444
Chlorophenol 120-32-1 DMBA/DMBA,
/C61201B DMBA/Acetone,
DMBA/TPA,
DMBA/BCP(1,10,30
MG/ML), TPA/TPA,
BCP(100)/TPA,
BCP/BCP,
BCP(10)/BCP(1,10,3
0)
Diethyl Phthalate R: 0,100,300 M: 12/88 429
84-66-2 /C60048B 0,7.5,15,30 UL/100
UL solution /50
per group
Diethyl 00 UL (Promotor) 08/86 429
Phthalate/Dimethyl neat chemical on
Phthalate uninitiated and
Dieth/Dimeth/C55914 DMBA initiated
skin
Ozone 10028-15-6 R&M: 0, 0.12, 0.5, 01/92
/C88034 or 1.0 PPM
(50/sex/species/gr
oup)
Ozone 10028-15-6 R&M: 0, 0.5, or 05/92
/C88034B 1.0 PPM
(50/sex/species/gr
oup)
Ozone/NNK Male rats only: 0, 12/91
Ozonnnkcomb /C88034C 0.5 PPM ozone with
0, 0.1, 1.0 MG/KG
NNK by S.C.
injection (20
weeks only)

Chemicals Tentatively

Scheduled for Peer
Review 06/94

Long-Term Studies:
Acetonitrile Solv R: 0, 100, 200, or 04/90
75-05-8 /C60822B 400 PPM M: 0, 50,
100, or 200 PPM;
50/group
Benzethonium R&M: 06/89 438
Chloride 121-54-0 0,0.15,0.5,1.5
/C61494B MG/KG/50/group
2,2- R: 0, 2500, 5000, 04/91
BIS(Bromomethyl)-1,3- or 10000 PPM;
Propanediol 3296-90-0 70/group M: 0,
/C55516C 312, 625, or 1250
PPM; 60/group
Tert-Butyl Alcohol R: 0,0.125, 0.25, 11/88 436
75-65-0 /C55367B 0.5% (M).0, 0.25,
0.5, 1.0% (F).
M:0, 0.5,1.0,2.0%
(M&F)/50 per group
INIT/PROM DMBA/Acetone(50,25 05/86 441
Comparative Mouse ,2.5UG), DMBA 2.5,
Study TPA 5UG, BPO 20MG,
(DMBA/TPA/BPO/MNG) DMBA/TPA
INIT/PROM /C61994A (2.5,25,50UG/5UG),
DMBA/BPO
(2.5,25UG/20MG)
and MNNG/Acetone
(1000,500,100UG),
MNNG 100UG, TPA
5UG, BPO 20MG,
MNNG/BPO(100,500,1
000UG/20MG),
MNNG/TPA(100,1000U
G/50G)
INIT/PROM DMBA/Acetone(25,2. 05/86 441
Comparative Mouse 5,.25UG), DMBA
Study 2.5,TPA 5 UG,BPO
(DMBA/TPA/BPO/MNNG) 20MG,
INIT/PROM /c61994B DMBA/TPA(.25,2.5,2
5/5UG), DMBA/BPO
(2.5,25UG/20MG)
and MNNG/Acetone
(1000,500,100UG),
MNNG 100UG, TPA
5UG, BPO 20MG,
MNNG/BPO
(100,500,1000UG/20
MG), MNNG/TPA
(1000,1000UG/5UG)
INIT/PROM DMBA/Acetone 0/86 441
Comparative Mouse (25,2.5,25UG):
Study DMBA 2.5:TPA
(DMBA/TPA/BPO/MMG) 1UG:BPO 20MG:

INIT/PROM /C61994C DMBA/TPA (.25,2.5,25/1UG): DMBA/BPO (2.5,25UG/20MG) and MNNG/Acetone (1000,500,100UG): MNNG 100UG:TPA 5UG:BPO 20MG: MNNG/BPO (100,500,1000 UG/20MG)

1-Trans-Delta-9-Tetrahydroccan-nabinol 1972-08-3 /C56371B R: 0, 12.5, 25, or 50: M: 0, 125, 250, or 500 MG/KG; 50/group 12/90

Chemicals Tentatively Scheduled for Peer Review 10/94

Long-Term Studies:

Isobutyl Nitrite (AIDS) 542-56-3 /C61052B R&M: 0, 37, 75, or 150 PPM 12/90

Nickel (II) Oxide 1313-99-1 /C00862 R: 0, .62, 1.25, or 2.5 M: 0, 1.25, 2.5, or 5.0 MG/M3; 50/group 05/90

Nickel Sulfate Hexahydrate 10101-97-0 /C60344 R: 0, 0.125, 0.25, or 0.5 M: 0, .25, .5, or 1.0 MG/M3; 50/group 06/90

Nickel Subsulfide 12035-72-2 /C61654 R: 0, 0.075, or 0.15 M: 0, 0.6, or 1.2 MG/M3; 50/group 11/90 X

Scopolamine Hydrobromide Trihydrate 6533-68-2 /C03098C R&M: 0, 1, 5, or 25 MG/KG; 70/group diet restriction mice: 0 or 0.25 MG/KG; 70/group 09/91

Tetrafluoroethylene 116-14-3 /C61596B Mice & FR: 0, 312, 625, or 1250 MR: 0, 156, 312, or 625 PPM; 50/group 06/90

Triethanolamine 102-71-6 /C61621D MR: 0, 32, 63, or 125; FR: 0, 63, 125, or 250; MM: 0, 200, 630, or 2000; FM: 0, 100, 300, or 1000 MG/KG; 60/group 11/90

Chemicals Tentatively Scheduled for Peer Review 06/95

Long-Term Studies:

Butyl Benzyl Phthalate 85-68-7 /C54375C	MR: 0, .3%, 6%, or 1.2%; 60/group FR: 0, .6%, 1.2%, or 2.4%; 60/group	03/92
Codeine 76-57-3 /C61541C	R: 0, 400, 800, or 1600 M: 0, 750, 1500, or 3000 PPM; 60/group	04/91
1,2-Dihydro-2,2,4-Trimethylquinoline (Monomer) 147-47-7 /C60902B	Rats: 0, 60, or 100 MG/KG Mice: 0, 6, or 10 MG/KG (Core)	08/91
1,2-Dihydro-2,2,4-Trimethylquinoline (Monomer) 147-47-7 /C60902D	Rats: 0, 36, 60, or 100 MG/KG Mice: 0, 3.6, 6.0, or 10.0 MG/KG	09/91
Ethylbenzene (Superfund Chemical) 100-41-4 /C56393B	R&M: 0, 75, 250, or 750 PPM (50/sex/species/group)	03/92
Nitromethane Fuel 75-52-5 /C61927	R: 0, 94, 188, or 375 PPM; 50/group M: 0, 188, 375, or 750 PPM; 50/group	09/91
Salicylazosulfapyridine 599-79-1 C61552B	R: 84, 168, or 337.5 MG/KG; 70/group M: 675, 1350, or 2700 MG/KG; 60/group	01/91
Tetrahydrofuran 109-99-9 /C60560C	R&M: 0, 200, or 1800 PPM (50/sex/species/group)	12/91

Chemicals Tentatively Scheduled for Peer Review 10/95

Long-Term Studies:

T-Butylhydroquinone 1948-33-0 /C62157	R&M: 0, 0.125, 0.25, or 0.5% in feed; 70 rats, 60 mice	08/92
Chloroprene 126-99-8 /C50522B	R&M: 0, 12.8, 32.0, or 80.0 PPM; 50/sex/species/group	09/92

Cobalt Sulfate Heptahydrate 10026-24-1 /C61530B	R&M: 0, 0.3, 1.0, or 3.0 MG/M3; 50/sex/species/group	09/92
D & C Yellow No. 11 8003-22-3 /C61789B	Rats: 0, 0.05, 0.17, or 0.5%; 60/group	05/92
Interferon Ad + 3 minutes -Azido-3 minutes - Deoxythymidine (AIDS initiative) Intaztcomb /C89006	Dual routes with both compounds: AZT: 0, 30, 60, or 120 (GAV) MG/KG; IFN: 500 or 5000 units 3X/week	01/93
Isobutyraldehyde 78-84-2 /C60968B	R&M: 0, 500, 1000, or 2000 PPM (50/sex/species/group)	08/92
Molybdenum Trioxide 1313-27-5 /C61369C	R&M: 10, 30, or 100 MG/M3; 50/sex/species/group	03/92

[FR Doc. 93-13646 Filed 6-9-93; 8:45 am]

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