

Office of Environmental Health Hazard Assessment

Public Health Goal Initiation Webinar
PFOA and PFOS Toxicity and
Epidemiology Data

November 15, 2019



PFOA/PFOS Public Health Goal (PHG) Development

1. Announce initiation of PHG development. This includes a data call-in (November 1, 2019 to January 15, 2020).
2. Release draft PHG: 45-day public comment period; public workshop.
3. External scientific peer review of draft PHG (University of California process).
4. Release revised draft PHG: 30-day public comment period.
5. Revise, finalize, and release the PHG document along with responses to public and scientific peer-review comments.





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AGENDA ♦ November 15, 2019**

9:00 am – 12:00 pm PST ♦ 12:00 pm – 3:00 pm EST
(Schedule times shown in Pacific Standard Time)

- 0900 **Opening Remarks**
Lauren Zeise, PhD, Director, Office of Environmental Health Hazard Assessment (OEHHA)
- Moderators: *Elaine Khan, PhD and Melanie Marty, PhD, OEHHA*
- 0910 **Experimental Data Reviewed for Notification Level (NL) Recommendations for Perfluorooctanoic Acid (PFOA) and Perfluorooctane Sulfonate (PFOS) in Drinking Water**
Chris Banks, PhD and Anatoly Soshilov, PhD, OEHHA
Q & A
- 0940 **National Toxicology Program (NTP) Study of PFOA Chronic Toxicity and Carcinogenicity with and without Perinatal Exposure**
Experimental Design - *Chad Blystone, PhD, DABT*
NTP Pathology Review Process - *Ronald Herbert, DVM, PhD, Fellow IATP*
Division of NTP (DNTP), National Institute of Environmental Health Sciences (NIEHS)
Q & A
- 1015 **NTP Monograph: Immunotoxicity Associated with Exposure to Perfluorooctanoic Acid or Perfluorooctane Sulfonate**
Andrew Rooney, PhD, DNTP, NIEHS
Q & A
- 1050 *BREAK (10 minutes)*
- 1100 **Epidemiological Data on PFOA and PFOS Health Effects**
Craig Steinmaus, MD, OEHHA
Q & A
- 1120 **General Q & A**
- 1155 **Final Remarks and Wrap-up**
Lauren Zeise, OEHHA

Notification Level Recommendations

Perfluorooctanoic Acid and Perfluorooctane Sulfonate in Drinking Water

August 2019





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Q & A

0940 National Toxicology Program (NTP) Study of PFOA Chronic Toxicity and Carcinogenicity with and without Perinatal Exposure

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Q & A

1015 NTP Monograph: Immunotoxicity Associated with Exposure to Perfluorooctanoic Acid or Perfluorooctane Sulfonate

Andrew Rooney, PhD, DNTP, NIEHS

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1050 BREAK (10 minutes)

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Q & A

1120 General Q & A

1155 Final Remarks and Wrap-up

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https://tools.niehs.nih.gov/cebs3/views/?action=main.dataReview&bin_id=13658



National Toxicology Program
U.S. Department of Health and Human Services

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TR-598: Technical Report Pathology Tables and Curves

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Pathology Tables, Survival and Growth Curves from NTP

[General Study Information](#) and [Long-Term](#) Studies

DOI: <https://doi.org/10.22427/NTP-DATA-TR598> A number of Individual animal Data Files were produced in an older version of excel. Please note that you may receive an alert regarding excel file extensions upon opening the files. These files are safe to open.

Note: The study data are being disseminated prior to external peer review under applicable [information quality guidelines](#) and do not represent and should not be construed to represent any final NTP determination or policy.

TR-598: Perfluorooctanoic Acid

Chronic Individual Animal Data of Study One (C20614) - Male and Female Rats

- [Female Individual Animal Body Weight Data](#) (691KB)
- [Female Individual Animal Neoplastic Pathology Data](#) (160KB)
- [Female Individual Animal Non Neoplastic Pathology Data](#) (1MB)
- [Female Individual Animal Survival Data](#) (50KB)
- [Female Individual Animal Terminal Body Weight Data](#) (85KB)
- [Female Individual Clinical Observations](#) (238KB)
- [Male Individual Animal Body Weight Data](#) (188KB)
- [Male Individual Animal Neoplastic Pathology Data](#) (2KB)
- [Male Individual Animal Non Neoplastic Pathology Data](#) (109KB)
- [Male Individual Animal Survival Data](#) (47KB)
- [Male Individual Clinical Observations](#) (3KB)
- [Individual Animal Clinical Chemistry Data](#) (13KB)
- [Individual Animal DamID and PupID Data](#) (26KB)
- [Individual Animal Liver Special Studies Data](#) (7KB)
- [Individual Animal Organ Weight Data](#) (14KB)
- [Individual Animal Reproductive Performance Data](#) (12KB)
- [Individual Animal Tissue Concentration Data](#) (10KB)

Chronic Individual Animal Data of Study Two (C20614B) - Male Rats

- [Male Individual Animal Body Weight Data](#) (1MB)
- [Male Individual Animal Neoplastic Pathology Data](#) (223KB)
- [Male Individual Animal Non Neoplastic Pathology Data](#) (2MB)
- [Male Individual Animal Survival Data](#) (78KB)
- [Male Individual Animal Terminal Body Weight Data](#) (134KB)
- [Male Individual Clinical Observations](#) (226KB)
- [Individual Animal Clinical Chemistry Data](#) (12KB)
- [Individual Animal DamID and PupID Data](#) (24KB)
- [Individual Animal Liver Special Studies Data](#) (8KB)
- [Individual Animal Organ Weight Data](#) (11KB)
- [Individual Animal Reproductive Performance Data](#) (16KB)
- [Individual Animal Tissue Concentration Data](#) (12KB)



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NTP | National Toxicology Program
U.S. Department of Health and Human Services

NTP Monograph

Immunotoxicity Associated with Exposure to Perfluorooctanoic Acid or Perfluorooctane Sulfonate



September 2016



Data Call-in for PFOA/PFOS Public Health Goal (PHG) Development

- Relevant Information
 - Data that could assist in the development of the PHG
- Submit Information
 - via internet <https://oehha.ca.gov/comments>
 - via email: phg.program@oehha.ca.gov
 - via US mail: PHG Program
Pesticide and Environmental Toxicology Branch
Office of Environmental Health Hazard Assessment
1515 Clay St., 16th floor
Oakland, California 94612

