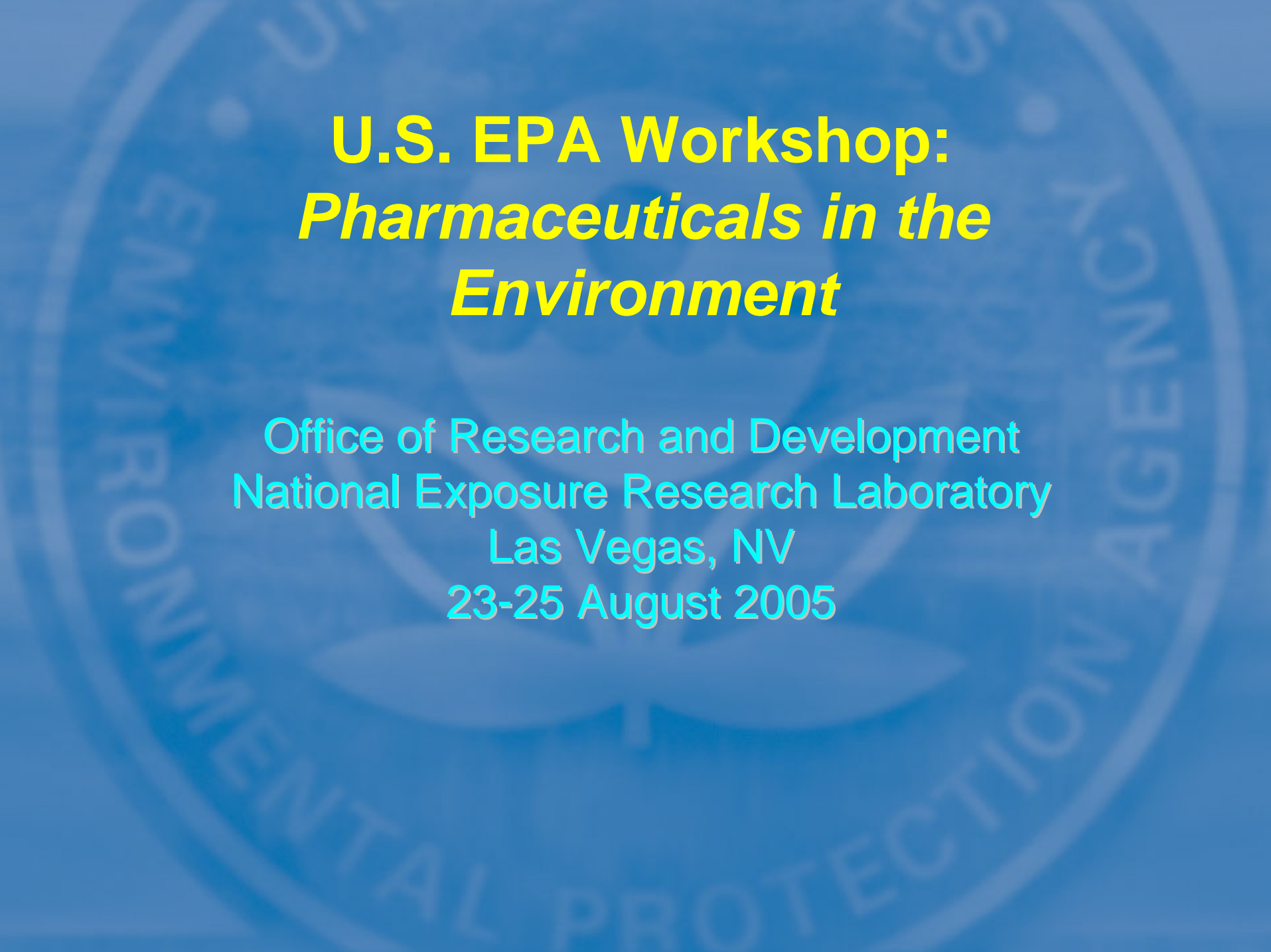


US EPA ARCHIVE DOCUMENT



U.S. EPA Workshop: ***Pharmaceuticals in the*** ***Environment***

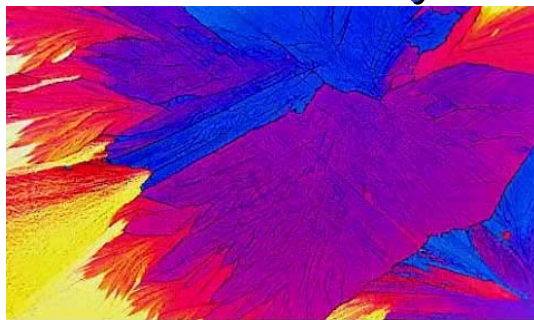
Office of Research and Development
National Exposure Research Laboratory
Las Vegas, NV
23-25 August 2005

Unique Aspects to Workshop

Workshop is divided into two distinct but related parts:

First meeting of ORD's extramural grantees who have been performing research on PPCPs (pharmaceuticals and personal care products) for the last 3 years under NCER's STAR grant program.

First time that the topic of environmental stewardship, environmental management, and pollution reduction (e.g., disposal of unwanted drugs) will be discussed by experts from across the country.



albuterol



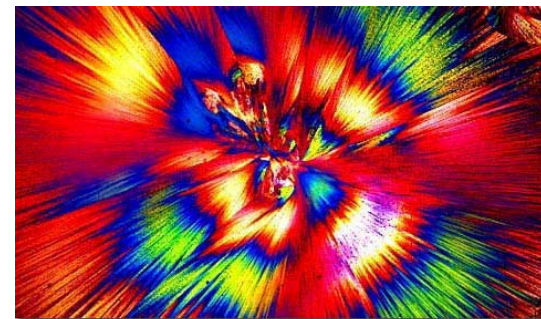
Diverse Affiliations of Attendees

Presenters:

STAR grantees (11)

Federal Scientists (6)

Public and Private Organizations (9)



acetamionophen

Audience (ca. 130):

Scientists, engineers, healthcare specialists, and regulatory and enforcement professionals. Working for federal, state, and local agencies; public utilities; universities; consulting firms; private laboratories; pharmaceutical manufacturers; healthcare and medical communities.



Welcome to Las Vegas, but...

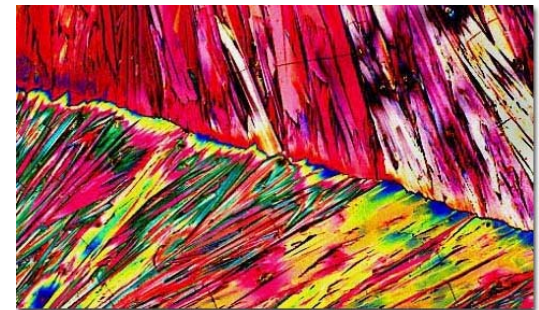
Weather from October to May is glorious. Although Las Vegas is known for its usually "dry" weather, from June to September similarities exist with electric ovens set to "warm".

Caution: car door handles & steering wheels can burn.

Vehicles lacking air conditioning can be used as mobile crematoriums for pets. Those with air conditioning get vaguely less warm within 5-10 minutes.

But August is cooler than July, and this is almost September, which is MUCH cooler.

diazepam



RESEARCH & DEVELOPMENT

Building a scientific foundation for sound environmental decisions

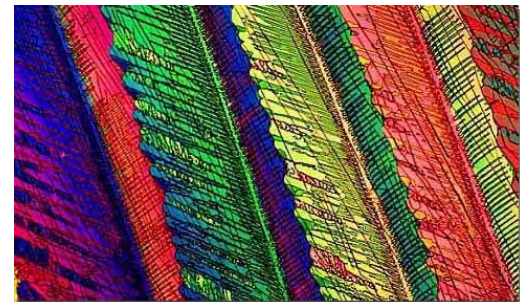
Logistics

Drinking water, vending machine, and ice are available in the small luncheon room.

Restrooms

Eating facilities within easy walking distance (4 are shown in the visitors guide)

Parking



caffeine



Do's ... and some Please Don't's

- **Speakers:** Please keep your presentations within your allotted times. The agenda is very full, so it is critical that we not deviate too far from the schedule.
- **All attendees:** Sessions must start on time, so please promptly return from all breaks.
- **Audience:** During Q&A, please state your affiliation.
- **Speakers:** Please try to briefly restate questions that cannot be heard by everyone in the room.
- **This workshop is open to the public, including members of the press.**
- **All questions regarding science and technical issues are within the scope of this workshop. Questions regarding official EPA policy may or may not be addressable by EPA officials who are in attendance.**
- **Entry and exit can also be made from the rear door. But please do not let the door slam shut - it makes the projection screen shake. MUST show proof of registration to enter through the rear door.**



carbamazepine



Thank You's...

This Workshop would not have been possible without the diligent and time-consuming efforts of a number of people from EPA:

Office of Research and Development (ORD)
Angela Page and Cynthia Nolt-Helms (NCER)
Marilyn Janunas (NERL)

Regions

Reg 1: Andy Beliveau, Mary Dever, Cynthia Greene

Reg 3: Ronald Landy

Reg 5: Al Alwan, Peter Howe

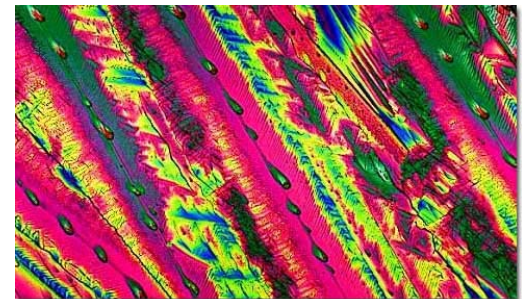
Reg 8: Patti Tyler

Reg 9: Jessica Counts, Bobbye Smith

Office of Pollution Prevention and Toxics (OPPT)
Chen Wen

Office of Water
Octavia Conerly, Kesha Forrest

ranitidine



RESEARCH & DEVELOPMENT

Building a scientific foundation for sound environmental decisions