



ACTRA Workshop on Risk Assessment of Carcinogens



Friday 28th May 2010

Wesley Conference Centre,
220 Pitt St, Sydney – Lyceum Room

One of the more complex areas of health risk assessment is where the chemical(s) under consideration have carcinogenic potential. There are two aspects to the problem.

1. Deciding whether the carcinogenic potential of a chemical constitutes a health risk for humans - the default approach is to use internationally accepted carcinogen classification schemes (e.g. IARC, US EPA), or where there is no such classification, to assume that sufficient evidence of carcinogenicity is animal studies determines that a carcinogenic risk assessment methodology should be applied; and
2. Deciding the approach to setting an acceptable level of exposure – the default approach is to categorise the dose-response relationship as non-threshold, and assume that extrapolation from a suitable Point of Departure (POD) on the dose-response curve to zero dose provides estimates of risk at the low levels of exposure normally encountered in environmental settings.

The US EPA guidance on carcinogenic risk assessment is quite extensive, and commonly used as the default approach by Australian risk assessors and regulatory authorities. The current reviews of the enHealth guidance document on environmental health risk assessment and the review of the Contaminated Sites NEPM have both addressed carcinogenic risk assessment in an Australian context.

This full-day workshop is intended to stimulate discussion on approaches to carcinogenic risk assessment in Australia. It will address some questions like:

- what is a carcinogen?
- is a human carcinogen something different?
- how are perceived “cancer clusters” assessed and managed?
- what quantitative approaches to risk assessment work best?
- is qualitative risk assessment a possible substitute for quantitative risk assessment?
- how should risk assessors deal with short and intermittent exposures?
- what determines the “target risk” level in a human health risk assessment?
- how do regulators approach cancer risk assessment?
- should the NHMRC mBMD approach have been allowed to die?

The workshop is primarily aimed at consultants and others who may be involved in preparing health risk assessments on environmental contamination issues and government scientists dealing with the regulation of carcinogens. However, others with interests in carcinogenic risk assessment are welcome to attend.

The Workshop is sponsored by ACTRA as part of its Continuing Education program.

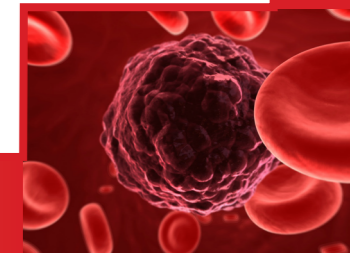
INVITED SPEAKERS INCLUDE:

- | | |
|-------------------------------|---|
| Dr Christopher Portier | Associate Director, US National Institute of Environmental Health Sciences (NIEHS) and Director of Risk Assessment Research |
| Prof Bernard Stewart | Head, Cancer Control Program
South East Sydney & Illawarra Public Health Unit |
| Prof Stephen Corbett | Manager, Centre for Population Health Sydney
West Area Health Service |
| A/Prof Tim Driscoll | School of Public Health, Sydney University |
| Prof Brian Priestly | Director, ACHHRA, Monash University
President ACTRA |
| Dr Peter Di Marco | Principal, Golder Associates Vice President, ACTRA |

WORKSHOP PROGRAM

TIME	SESSION TITLE	SPEAKER
9.00 - 9.30	Registration; tea/coffee available	
9:30 – 9.40	Welcome and introduction; outline of day’s activities and objectives	Brian Priestly
9.40 – 10.10	Outline of carcinogenic risk assessment guidance in updated enHealth and NEPM documents	Brian Priestly Jack Dempsey
10.10 – 11.00	Cancer risk assessment in the US: Current practices and future trends	Christopher Portier
11:00 – 11.20	Coffee Break	
11:20 - 11:40	What should be treated as “carcinogenic” in a health risk assessment	Roger Drew
11.40 – 12.10	Assessment of apparent cancer clusters	Tim Driscoll
12.10 – 12.30	Is there a place for qualitative risk assessment in the management of carcinogenic risks?	Bernard Stewart
12.30 – 1.30	Lunch break	
1.30 – 1.50	Regulator’s perspective on cancer risk assessment; problems and issues	Stephen Corbett
1.50– 2.10	Consultant’s perspective on cancer risk assessment; problems and issues	Peter Di Marco & Carolyn Brumley
2.10 – 2.30	Discussion of issues raised	
2.30 – 3.00	Case study	to be advised
3.00 – 3.20	Coffee break	
3.20 – 4.30	Open forum; discussion of key issues and formulation of some recommendations	
4.30 -4.45	Workshop summary and close	Brian Priestly

REGISTRATION FEE (incl. GST):
\$275 for ACTRA members
\$385 for non-members



ACTRA WORKSHOP

MAY 2010

Registration Form/Tax Invoice

This form becomes a Tax Invoice (ABN 26 970 065 392) on completion – please keep a copy.
All prices are in AUD and include GST. Please complete all details and return to ACTRA (details below).

Delegate

Badge name _____

Job title _____

Institution _____

Address _____

City _____ State _____ Postcode _____

Country _____

Telephone _____ Fax _____

E-mail _____

Include name/institute on delegate list? Yes No

ACTRA members* \$275.00

Non members \$385.00

PAYMENT

Cheque

Please make your cheque payable to:
Australasian College of Toxicology and Risk Assessment.

Bank transfer

Please transfer funds in Australian dollars to:
National Australia Bank Account Name Australasian College of
Toxicology and Risk Assessment Inc BSB 083 153 Account no. 79647 6337.

Credit card

(we accept Visa/Mastercard/AMEX)
Please note: Visa, Mastercard and Amex transactions incur a \$4 transaction fee.

I authorise Australasian College of Toxicology and Risk Assessment to charge the total amount on the credit card, details of which are provided on this form. My signature is for this authorisation. I acknowledge that Australasian College of Toxicology and Risk Assessment is not required to produce a copy of a signed and validated sales voucher to obtain payment.

Name on card _____ Expiry Date _____ / _____

Card Number _____ Signature _____

Special requests, eg allergies, food requirements, etc

Elisabethe Dank – Secretariat

Ph/Fax (02) 9453 2210 PO Box 6008 Frenchs Forest DC NSW 2086

secretariat@actra.org.au – www.actra.org.au