

# RADIATION

## VOLUME 100 D A REVIEW OF HUMAN CARCINOGENS

This publication represents the views and expert opinions of an IARC Working Group on the Evaluation of Carcinogenic Risks to Humans, which met in Lyon, 2-9 June 2009

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International Agency for Research on Cancer



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Each participant was asked to disclose pertinent research, employment, and financial interests. Current financial interests and research and employment interests during the past 3 years or anticipated in the future are identified here. Minor pertinent interests are not listed and include stock valued at no more than US\$10 000 overall, grants that provide no more than 5% of the research budget of the expert's organization and that do not support the expert's research or position, and consulting or speaking on matters not before a court or government agency that does not exceed 2% of total professional time or compensation. All grants that support the expert's research or position and all consulting or speaking on matters before a court or government agency are listed as significant pertinent interests.

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<sup>&</sup>lt;sup>2</sup> Dr Green receives research funds (not exceeding 5% of total research support) from L'Oréal which makes products intended to reduce the dose from solar radiation.

<sup>&</sup>lt;sup>3</sup> Dr Hall's research unit receives funds (not exceeding 5% of total research support) from Electricité de France, an electric power company.

<sup>&</sup>lt;sup>4</sup> Dr Hoel is providing assistance to Exxon Corp in court cases involving personal injury claimed to be related to radiation. He owns stock in Duke Energy Corp, an electric power company. His university salary is supported in part by grants from the U.S. National Aeronautics and Space Administration (NASA) and the U.S. Department of Energy.

<sup>&</sup>lt;sup>5</sup> Dr Little wrote software for the British Nuclear Group to calculate risks for workers in the nuclear industry. This represented less than 5% of his annual total professional compensation for 2006 and 2007, when the activity ceased. He also advised the International Epidemiology Institute (USA) and Westlakes Research Institute (UK) on epidemiological matters. This represented less than 5% of total professional income, and work ceased in 2007 for both contracts. New address: Radiation Epidemiology Branch, National Cancer Institute, Rockville MD, USA

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<sup>&</sup>lt;sup>6</sup> Dr Marshall is retired from the United Kingdom Atomic Energy Authority (UKAEA).

<sup>&</sup>lt;sup>7</sup> Dr Mitchel is retired from, and continues to consult for, Atomic Energy of Canada Ltd, a Crown corporation of Canada whose mandate is to sustain and enhance nuclear technology, to manage nuclear wastes, and to maximize return on investment in nuclear technology. The corporation also produces more than half of the world's medical isotopes.
<sup>8</sup> Dr Muirhead manages a section at the Health Protection Agency that receives partial funding from the UK Ministry of Defence to maintain an epidemiological database of nuclear test veterans.

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<sup>&</sup>lt;sup>9</sup> Dr Priest is a manager at Atomic Energy of Canada Ltd, a Crown corporation of Canada whose mandate is to sustain and enhance nuclear technology, to manage nuclear wastes, and to maximize return on investment in nuclear technology. The corporation also produces a significant fraction of the world's medical isotopes.

<sup>&</sup>lt;sup>10</sup> Dr Richardson provided written testimony on behalf of four persons seeking compensation for diseases claimed to be related to X-rays. He reports receiving no compensation for this case.

<sup>&</sup>lt;sup>11</sup> Dr Riddell is employed by Westlakes Scientific Consulting Ltd, a consulting firm specializing in the nuclear industry.

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<sup>&</sup>lt;sup>12</sup> Dr Ullrich provided assistance to Raytheon Co in a court case involving thyroid and kidney cancer claimed to be related to X-rays.