


NIGHT SHIFT WORK

VOLUME 124



This publication represents the views and expert opinions of an IARC Working Group on the Identification of Carcinogenic Hazards to Humans, which met in Lyon, 4–11 June 2019

LYON, FRANCE - 2020

IARC MONOGRAPHS
ON THE IDENTIFICATION
OF CARCINOGENIC HAZARDS
TO HUMANS

LIST OF PARTICIPANTS

Members ¹

Vladimir N. Anisimov [unable to attend]

N.N. Petrov Research Institute of Oncology
St Petersburg
Russian Federation

Kristan J. Aronson

Division of Cancer Care and Epidemiology
Cancer Research Institute
Queen's University
Kingston, ON
Canada

Parveen Bhatti

Cancer Prevention
BC Cancer Research Centre
Vancouver, BC
Canada

Pierluigi Cocco

Department of Public Health
Clinical and Molecular Medicine
Occupational Health Section
University of Cagliari
Monserrato
Italy

Giovanni Costa

Department of Occupational and
Environmental Health
Clinica del lavoro 'L. Devoto'
University of Milan
Milan
Italy

¹ Working Group Members and Invited Specialists serve in their individual capacities as scientists and not as representatives of their government or any organization with which they are affiliated. Affiliations are provided for identification purposes only. Invited Specialists do not serve as Meeting Chair or Subgroup Chair, draft text that pertains to the description or interpretation of cancer data, or participate in the evaluations.

Each participant was asked to disclose pertinent research, employment, and financial interests. Current financial interests and research and employment interests during the past 4 years or anticipated in the future are identified here. Minor pertinent interests are not listed and include stock valued at no more than US\$ 1000 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 behalf of an interested party on matters before a court or government agency are listed as significant pertinent interests.

David C. Dorman

Department of Molecular Biomedical
Sciences
College of Veterinary Medicine
North Carolina State University
Raleigh, NC
USA

Loning Fu

Departments of Pediatrics/Molecular and
Cellular Biology
Dan L. Duncan Cancer Center
Baylor College of Medicine
Houston, TX
USA

Anne-Helene Garde

National Research Centre for the Working
Environment (NFA)
Copenhagen
Denmark

*Dori Germolec (Subgroup Chair, Mechanistic
Evidence)*

Systems Toxicology Group
National Toxicology Program
National Institute of Environmental Health
Sciences
Research Triangle Park, NC
USA

Pascal Guénel

Centre for Research in Epidemiology and
Population Health (CESP)
INSERM
Villejuif
France

Johnni Hansen

Danish Cancer Society
Institute of Cancer Epidemiology
Copenhagen
Denmark

Mikko Härmä

Research and Service Centre of Occupational
Health
Finnish Institute of Occupational Health
Helsinki
Finland

Kazuaki Kawai

Department of Environmental Oncology
Institute of Industrial Ecological Sciences
University of Occupational and
Environmental Health
Kitakyushu
Japan

Evgenii Alexandrovich Khizkhin

Institute of Biology of the Karelian Research
Centre of the Russian Academy of
Sciences
Moscow
Russian Federation

Anders Knutsson

Department of Health Services
Mid Sweden University
Sundsvall
Sweden

*Manolis Kogevinas (Subgroup Chair, Cancer
in Humans)*

ISGlobal
Municipal Institute of Medical Research
Barcelona
Spain

Francis Lévi

Unité Rythmes Biologiques et Cancers
INSERM
Paul Brousse Hospital
Villejuif
France

*Roel Vermeulen (Subgroup Chair, Exposure
Characterization)*

University of Utrecht
Nieuw Gildestein
Utrecht
The Netherlands

*David L. McCormick (Subgroup Chair, Cancer
in Experimental Animals)*

IIT Research Institute
Chicago, IL
USA

Elizabeth Ward [retired] (Overall Chair)

American Cancer Society
Asheville, NC
USA

Claudia Moreno

School of Public Health
University of São Paulo
São Paulo
Brazil

Martha A. Waters

Centers for Disease Control and Prevention
National Institute for Occupational Safety
and Health
Cincinnati, OH
USA

Eero Pukkala [unable to attend]

Faculty of Social Sciences
University of Tampere
Tampere
Finland

Marianna G. Yakubovskaya

Department of Chemical Carcinogenesis
N.N. Blokhin Russian Cancer Research
Center
Ministry of Health of the Russian Federation
Moscow
Russian Federation

Eva Schernhammer

Medical University of Vienna Austria/
Harvard Medical School/Harvard
T.H. Chan School of Public Health
Channing Laboratory
Boston, MA
USA

Hajo Zeeb

Leibniz Institute for Prevention Research and
Epidemiology
Bremen
Germany

Ruth Travis

Nuffield Department of Population Health
University of Oxford
Oxford
England

Yong Zhu

School of Epidemiology and Public Health
Yale University
Environmental Health Sciences
New Haven, CT
USA

Shanbeh Zienolddiny

National Institute of Occupational Health
Oslo
Norway

Invited Specialists

None

Representatives

Yiqun Chen

Health and Safety Executive
Bootle
England

Aurélie Niaudet

French Agency for Food, Environmental and
Occupational Health and Safety (ANSES)
Maisons-Alfort
France

Observers²

Rafael S. Carel

School of Public Health
Faculty of Welfare and Health
Haifa University
Israel

Danielle Clarkson-Townsend

Emory University
Atlanta, GA
USA

*Alex Forrest*³

United Fire Fighters of Winnipeg
Winnipeg
Canada

Cheryl Peters

Cumming School of Medicine
University of Calgary
Calgary
Canada

² Each Observer agreed to respect the Guidelines for Observers at *IARC Monographs* meetings. Observers did not serve as Meeting Chair or Subgroup Chair, draft any part of a Monograph, or participate in the evaluations. They also agreed not to contact participants before the meeting, not to lobby them at any time, not to send them written materials, and not to offer them meals or other favours. IARC asked and reminded Working Group Members to report any contact or attempt to influence that they may have encountered, either before or during the meeting.

³ Alex Forrest is employed by the United Fire Fighters of Winnipeg, who paid for travel costs.

IARC Secretariat

Lamia Benbrahim-Tallaa (*Rapporteur, Mechanistic Evidence*)
Véronique Bouvard (*Rapporteur, Cancer in Experimental Animals*)
Ryan Diver
Fatiha El Ghissassi (*Rapporteur, Mechanistic Evidence*)
Jennifer Girschik (*Rapporteur, Cancer in Humans*)
Yann Grosse (*Rapporteur, Cancer in Experimental Animals*)
Kathryn Guyton (*Acting Head of Programme; Rapporteur, Mechanistic Evidence*)
Amy Hall (*Rapporteur, Exposure Characterization*)
Zdenko Herceg
Claire Marant-Micallef
Natalie Olson
Elaine Rowan (*Technical Editor*)
Harriet Rumgay
Mary Schubauer-Berigan (*Responsible Officer; Rapporteur, Cancer in Humans*)
Michelle Turner

Administrative Assistance

Marieke Dusenberg
Sandrine Egraz
Michel Javin
Lucy Shedden

Production Team

Fiona Gould
Solène Quennehen

Pre-Meeting Assistance

Misty Hein
Kurt Straif

Post-Meeting Assistance

Misty Hein
Heidi Mattock (*Scientific Editor*)

