



No. 166 April/May/June 2021

## **HEADLINES**

#### TO KEEP IN MIND

Effects of low-dose radiation: comparison of the cancer risk for workers in the nuclear industry and atomic bomb survivors

Estimations of the cancer risk linked to exposure to ionising radiation in the LSS and INWORKS sub-cohorts are comparable in terms of age at time of exposure and follow-up periods

## Addictive behaviour in the active population: key figures

All of the data relate to the Constances cohort, which consists of a representative sample of 200,000 adults aged between 18 and 69 at the time of inclusion.

#### Preventing chemical risks: «occupational exposure limit values» and INRS tool 65

Occupational exposure limit values correspond to time-weighted maximum atmospheric concentrations.

#### Techniques to reduce noise in companies: a new INRS database

The «Techniques to reduce noise in companies» database presents examples of real-life solutions which have been applied to reduce exposure to noise for workers.

#### INRS INNOVATIONS

#### **CONTRIBUTE TO RESEARCH**

Feedback from during the Covid-19 health crisis in the transport and logistics sector

# **KNOWLEDGE AND REFERENCES**

#### **BROAD VIEW**

**Exoskeletons to prevent musculoskeletal disorders and role of occupational health departments** A structured approach ranging from characterisation of the needs up to integration of the exoskeleton in working conditions is essential.

#### **FIELD VIEW**

Use of non-metabolised volatile organic compounds present in urine as biomarkers to assess occupational multi-exposure

The «headspace» analytical technique developed, applied in dynamic mode, allowed simultaneous assay of 11 VOCs and revealed occupational multi-exposure.

### Vaccine awareness and coverage for influenza and whooping cough in personnel from four Ile-de-France-based maternity hospitals

Declared anti-whooping cough vaccine coverage (do you think your vaccinations are up-to-date?) is on average 78%, that for influenza is 45%.

## **FOLLOWED FOR YOU**

Automation of work. Marcel Marchand Day, north of France Institute for occupational health.Online conference, 22 October 2020

This day was the occasion to remind attendees that the use of new technologies to improve working conditions can have consequences for the health of workers.

# Crystalline sillica: occupational exposure and medical surveillance. French society of occupational medicine. Online conference, 5 February 2021

This conference presented good practice recommendations for following workers' health and reviewed occpuational exposure and the prevention to be implemented.

Prevention of risks linked to night working, an INRS symposium. Online conference, 11 March 2021 Advances in chronobiology research provide us with a better understanding of the factors involved in the impact of night shifts on workers, allowing the implementation of prevention strategies.

Dusts, nanoparticles and health. Shedding light on the invisible. 26thIIMTPIF (Interuniversity Occupational Health Institute, Paris Île-de-France) Research Day, online, 24 March 2021

This day was devoted to particulate pollutants, the methods to measure them and the available reference values, as well as to the health effects of particles including nanoparticles.

# REFERENCE TOOLS

#### YOUR QUESTIONS/OUR ANSWERS

Individual monitoring of workers' health: Who covers the cost of complementary analyses?

Addictive practices in very small businesses: What prevention steps should be implemented?

#### **OCCUPATIONAL DISEASES TABLE AND COMMENTS**

Decree No. 2021-636 of 20 May 2021, revising and completing the occupational diseases tables, appended to book IV of the French Social Security Code

This decree created table No. 101 «Malignant conditions caused by trichloroethylene» under the general social security scheme.

## WITH OUR COMPLIMENTS

**DATES FOR YOUR DIARY** 

july 2021-June 2022