



Testimony on S.20

Marcie Gallagher

Senate Health and

Welfare

Committee

PFAS exposure has been linked to *decreased* antibody production and more *severe* forms of COVID



The Guardian

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Coronavirus

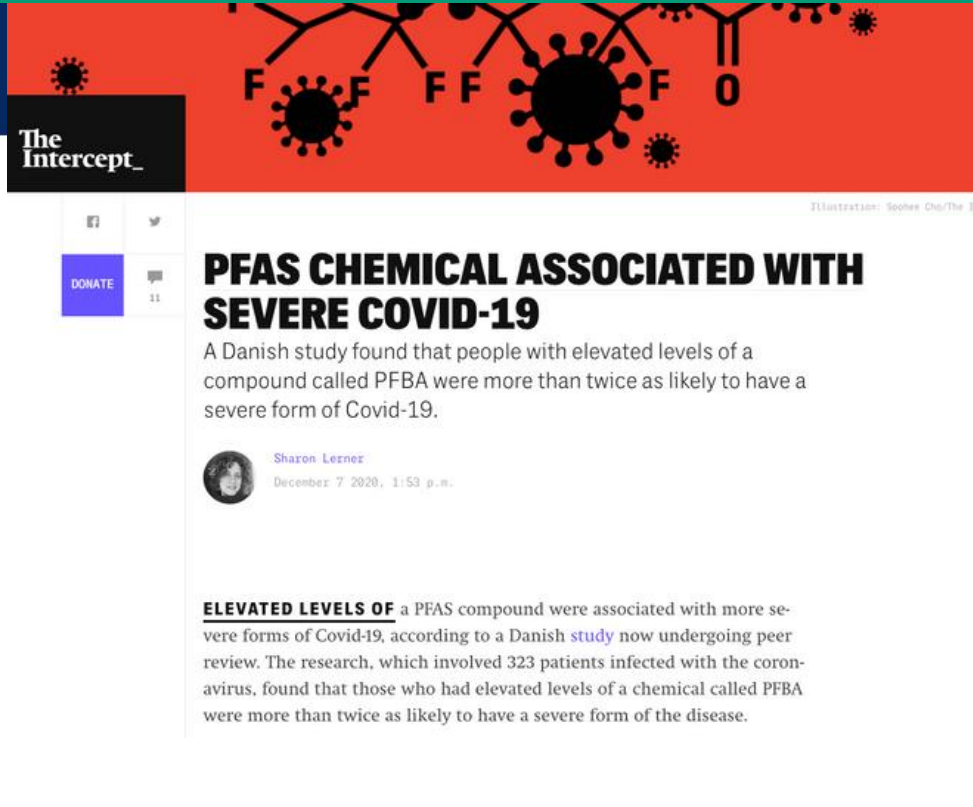
Covid: chemicals found in everyday products could hinder vaccine

Researchers worry PFAS, commonly found in the bodies of Americans, will reduce the immunization's effectiveness



▲ David Rach volunteers to test the Covid-19 vaccine developed by Pfizer. Photograph: PFIZER/Reuters

Oliver Milman
@oljemilman
Tue 17 Nov 2020 06:32 EST



The Intercept




Illustration: Sohee Cho/The Intercept

DONATE

PFAS CHEMICAL ASSOCIATED WITH SEVERE COVID-19

A Danish study found that people with elevated levels of a compound called PFBA were more than twice as likely to have a severe form of Covid-19.

Sharon Lerner
December 7 2020, 1:53 p.m.

ELEVATED LEVELS OF a PFAS compound were associated with more severe forms of Covid-19, according to a Danish study now undergoing peer review. The research, which involved 323 patients infected with the coronavirus, found that those who had elevated levels of a chemical called PFBA were more than twice as likely to have a severe form of the disease.



PFAS REGULATIONS BY STATE

These states have banned **PFAS** chemicals in:



FOOD PACKAGING					
FIREFIGHTING FOAM*					
RUGS AND CARPETS					
SKI WAX					

*Colorado, Minnesota, New Hampshire, Kentucky, and Michigan have also passed laws banning or restricting the sale, manufacture, or use of Class B firefighting foam.



PFAS COMMITMENTS BY BUSINESSES & ASSOCIATIONS

FOOD PACKAGING

MCDONALDS

**WHOLE
FOODS**

**TRADER
JOE'S**

AMAZON

TACO BELL

**PANERA
BREAD**

**CVS/ RITE
AID**

SKI WAX

SWIX

TOKO

REI

**U.S. SKI AND
SNOWBOARD
ASSC**

**INT'L
FEDERATION
OF SKIING
(FIS)**

**NORDIQ
CANADA**

RUGS AND CARPETS

LOWES

**HOME
DEPOT**

TARGET

WALMART

IKEA

PFAS from ski wax attaches to snow and *contaminates* the soil and groundwater beneath it.

SKI WAX

SWIX
TOKO
REI

U.S. SKI AND
SNOWBOARD
ASSC

INT'L
FEDERATION
OF SKIING
(FIS)

NORDIQ
CANADA



Outside Q ☰



Bill Donahue
Jan 24, 2020

Nordic Skiing Has an Addiction to Toxic Wax

Fluorinated glide wax is being banned from elite competitions, and big brands like Swix say they're searching for environmentally friendly alternatives. But the seductively speedy—and noxious—compounds are unlikely to loosen their grip on the sport anytime soon.

Contents lists available at [ScienceDirect](#)



Chemosphere

journal homepage: www.elsevier.com/locate/chemosphere



Ski wax use contributes to environmental contamination by per- and polyfluoroalkyl substances

Gail L. Carlson*, Skylar Tupper

Environmental Studies Program, Colby College, Waterville, ME, USA



Many ski associations already ban PFAS.

When chemicals are used in food packaging, they *migrate* into our food.



FOOD PACKAGING

MCDONALDS

**WHOLE
FOODS**

**TRADER
JOE'S**

AMAZON

TACO BELL

**PANERA
BREAD**

**CVS/ RITE
AID**

For a typical adult, dietary exposure is likely to be the single largest exposure pathway of PFAS.



The CDC named carpet as the *number one* exposure pathway to PFAS for infants and toddlers.

RUGS AND CARPETS



LOWES

HOME
DEPOT

TARGET

WALMART

IKEA

Children are exposed to levels up to *100X* more than adults from rugs and carpets.



Thank you!

Questions?

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