

# Liste der IARC

(International Agency for Research of Cancer)  
Group 1 der Carcinogene der WHO

From Wikipedia, the free encyclopedia

- Substances, mixtures and exposure circumstances in this list have been classified by the **IARC as Group 1: The agent (mixture) is carcinogenic to humans.** The exposure circumstance entails exposures that are carcinogenic to humans. This category is used when there is *sufficient evidence* of carcinogenicity in humans. Exceptionally, an agent (mixture) may be placed in this category when evidence of carcinogenicity in humans is less than sufficient but there is *sufficient evidence* of carcinogenicity in experimental animals and strong evidence in exposed humans that the agent (mixture) acts through a relevant mechanism of carcinogenicity.

## Agents and groups of agents

- [4-Aminobiphenyl](#)
- [Aristolochic acid](#)
- [Arsenic and arsenic compounds<sup>1</sup>](#)
- [Asbestos](#)
- [Azathioprine](#)
- [Benzene](#)
- [Benzidine](#)
- [Benzo\[a\]pyrene](#)
- [Beryllium and beryllium compounds<sup>2</sup>](#)
- [Chlornapazine \(\*N,N\*-Bis\(2-chloroethyl\)-2-naphthylamine\)](#)
- [Bis\(chloromethyl\)ether](#)
- [Chloromethyl methyl ether](#)
- [1,3-Butadiene](#)
- [1,4-Butanediol dimethanesulfonate \(Busulphan, Myleran\)](#)
- [Cadmium and cadmium compounds<sup>2</sup>](#)
- [Chlorambucil](#)
- [Methyl-CCNU \(1-\(2-Chloroethyl\)-3-\(4-methylcyclohexyl\)-1-nitrosourea; Semustine\)](#)
- [Chromium\(VI\) compounds<sup>2</sup>](#)
- [Ciclosporin](#)

- Contraceptives, hormonal, combined forms (those containing both Estrogen and a Progestogen/Gestagen)**
- Contraceptives, oral, sequential forms of hormonal contraception (a period of estrogen-only followed by a period of both Estrogen and a Progestogen/Gestagen)**
- [Cyclophosphamide](#)
- Diethylstilboestrol**
- [Dyes](#) metabolized to [benzidine](#)
- [Epstein-Barr virus](#)
- Estrogens, nonsteroidal**
- Estrogens, steroidal**
- Estrogen therapy, postmenopausal**
- [Ethanol](#) in alcoholic beverages
- [Erionite](#)
- [Ethylene oxide](#)
- [Etoposide](#) alone and in combination with [cisplatin](#) and [bleomycin](#)
- [Formaldehyde](#)
- [Gallium arsenide](#)
- [Helicobacter pylori](#) (infection with)
- [Hepatitis B virus](#) (chronic infection with)
- [Hepatitis C virus](#) (chronic infection with)
- Herbal remedies containing plant species of the genus *Aristolochia*
- [Human immunodeficiency virus](#) type 1 (infection with)
- [Human papillomavirus](#) type 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59 and 66
- [Human T-cell lymphotropic virus type I](#)
- [Melphalan](#)
- [Methoxsalen](#) (8-Methoxysoralen) plus ultraviolet A radiation
- [4,4'-methylene-bis\(2-chloroaniline\)](#) (MOCA)
- [MOPP](#) and other combined chemotherapy including alkylating agents
- [Mustard gas](#) (Sulfur mustard)
- [2-Naphthylamine](#)
- [Neutron radiation](#)
- [Nickel compounds<sup>2</sup>](#)
- [4-\(N-Nitrosomethylamino\)-1-\(3-pyridyl\)-1-butanone \(NNK\)](#)
- [N-Nitrosonornicotine \(NNN\)](#)
- [Opisthorchis viverrini](#) (infection with)
- [Phosphorus-32, as phosphate](#)
- [Plutonium-239](#) and its decay products (may contain plutonium-240 and other isotopes), as aerosols
- Radioiodines, short-lived isotopes, including iodine-131, from atomic reactor accidents and

## **Eigener Kommentar:**

### **(J. Armbruster)**

**Warum werden diese unnatürlichen, karzinogenen Pseudoestrogene, Pferdeoestrogene aus dem Urin trächtiger Stuten, Ovulationshemmer und**



**Gestagene/Progestins nicht mit entsprechend der Kategorie 1 der karzinogenen Stoffe für den Menschen gekennzeichnet?**

**Ist es aus ärztlicher Sicht etwa ethisch, jungen gesunden Frauen zum Zweck der Verhütung der Ovulation unnatürliche chemische Substanzen zu verordnen, die tiefe Venenthrombosen und Krebs verursachen können?**

**Ist es ärztlich ethisch, Mammacarcinom Patientinnen einen karzinogenen SERM (Selektiver Estrogen Rezeptor Modulator) wie Tamoxifen® zu geben?**

**Ist es ethisch, menopausalen Frauen synthetische Pseudo-Oestrogene zu geben, obwohl die menschlichen bio-identischen Hormone verfügbar sind, noch dazu ohne zuvor die Spiegel der Steroidhormone zu messen?**

**Welche Zulassungsbehörde oder Zulassungskommission für Arzneimittel verantwortet die Nebenwirkungen dieser unnatürlichen, patentierbaren, karzinogenen industriellen Pseudohormone, die mit Menschenhormonen nichts gemeinsam haben, wie: > tiefe Beinvenenthrombose, Lungenembolie, Tod, Schlaganfall, Herzinfarkt etc. ?? Siehe die „Pille“ Yasmin® mit dem Gestagen „Drospirenon“®: mehr als 4.000 Gerichtsverfahren in den U.S.A. gegen BAYER®.**

**BAYER® hat bis dato schon über 1 Milliarde US Dollar Entschädigung an die betroffenen Frauen gezahlt.  
([www.yasminlawsuit](http://www.yasminlawsuit))**

- nuclear weapons detonation (exposure during childhood)
- Radionuclides, α-particle-emitting, internally deposited<sup>4</sup>
- Radionuclides, β-particle-emitting, internally deposited<sup>4</sup>
- [Radium-224](#) and its decay products
- [Radium-226](#) and its decay products
- [Radium-228](#) and its decay products
- [Radon-222](#) and its decay products
- [Schistosoma haematobium](#) (infection with)
- [Silica](#), crystalline (inhaled in the form of [quartz](#) or [cristobalite](#) from occupational sources)
- [Solar radiation](#)
- Talc containing [asbestiform](#) fibres

## **Tamoxifen**

- [2,3,7,8-Tetrachlorodibenzo-pa-dioxin](#)
- [Thiotepa](#) (1,1',1"-Phosphinothiolyldynetrisaziridine)
- [Thorium-232](#) and its decay products, administered intravenously as [a colloidal dispersion of thorium-232 dioxide](#)
- [Treosulfan](#)
- [ortho-Toluidine](#)
- [Vinyl chloride](#)
- [Ultraviolet Radiation](#)
- [X-Radiation](#) and [Gamma radiation](#)

## **Mixtures**

- [Aflatoxins](#) (naturally occurring mixtures of)
- [Alcoholic beverages](#)
- [Areca nut](#)
- [Betel quid](#) with tobacco
- [Betel quid](#) without tobacco
- Coal-tar [pitches](#)
- [Coal-tars](#)
- Household combustion of coal, indoor emissions from
- [Diesel exhaust](#)<sup>[1]</sup>
- [Mineral oils](#), untreated and mildly treated
- [Phenacetin](#), [analgesic](#) mixtures containing
- Plants containing [aristolochic acid](#)
- [Salted fish](#) (Chinese-style)
- [Shale-oils](#)
- [Soots](#)
- [Tobacco](#) products, smokeless
- [Wood dust](#)

### **Aus Wikipedia von:**

Jochen Armbruster Darmstadt  
Arzt für Allgemeinmedizin

[www.armbruster-medical-center.de](http://www.armbruster-medical-center.de)