



**Conference on
Endocrine Disrupters**

**Potential impact
on consumers**

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Forbrugerrådet
Tænk

Danish Consumer Council

Danish Consumer Council THINK Chemicals

- Government grant 2014-16 (2 mil. Euros)
- Test products for unwanted substances
- Inform consumers
- Dialog with retailers and industry
- Establish European consumer NGO network
- Work on legislation at Danish and EU Level.

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Kemi

International representation



Consumer expectations

- Safe products
- We won't be harmed by using products
- We get the information we need to make safe choices

In short:

- We need not worry about consumer goods, and whether they are safe or not.



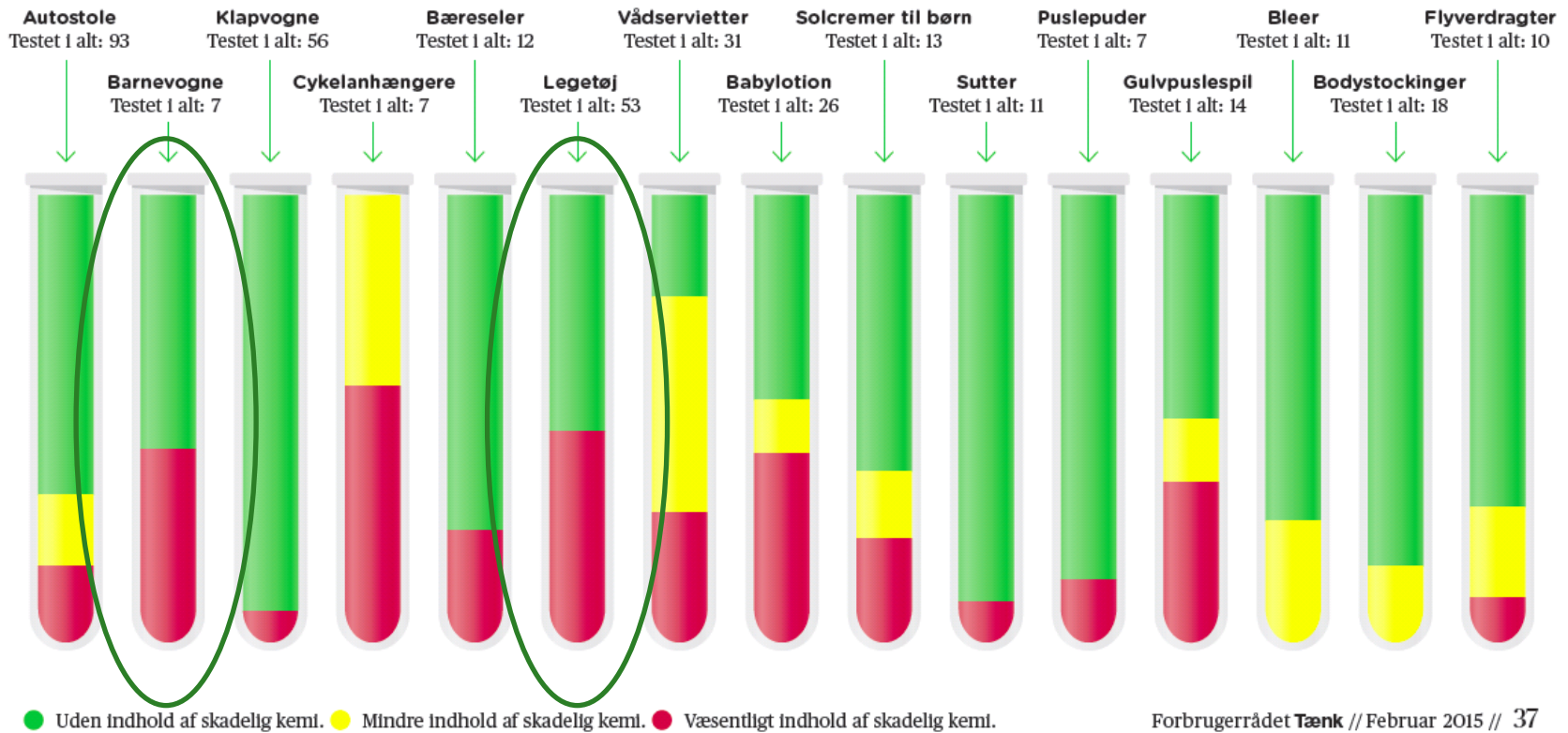
Because they are safe ... Right!?

EDCs are everywhere



Forbrugerrådet
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Test of articles for children





Lækre og indbydende ser de ud, sådan nogle friskbagte muffins. Hvis de er bagt i en papirform, bør du imidlertid ikke servere dem for børn og gravide
Foto: Polloto

Fyldt med kemi: Så farlig er din muffinform

Katrine Bøg, kabp@tv2.dk - 16. september 2013, 12:29

Læs mere om farlig kemi på Fødevarerstyrelsens hjemmeside

Dine muffinforme er propfyldt med farlig kemi – og børn og gravide bør så vidt muligt undgå at spise kage bagt i disse former. Det fortæller Fødevarerstyrelsen i kampagnen "Ma

coop Din butik **SØG** Din indkøbskurv >

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Coop takes microwave popcorn of the shelves

Coop vil ikke længere sælge mikroovns-popcorn. Emballagen indeholder nemlig fluoreerede stoffer, der ifølge forskere er hormonforstyrrende og bl.a. kan øge risikoen for kræft, abort og medføre et svækket immunforsvar.

Coop fjerner nu mikroovns-popcorn fra sine 1200 butikker. Det skyldes, at anerkendte forskere og myndigheder er bekymret for de fluoreerede stoffer, der anvendes i emballagen. Senest har forskere fra Syddansk Universitet påvist en øget risiko for spontan abort blandt kvinder med høj fluorindhold i blodet.

Coop gennemfører en udfasning af alle fluoreerede stoffer i egne varemærker. Således er alt madpapir, muffinforme og mikroovns-popcorn nu uden for de skadelige fluor stoffer. Dette er en særlig udfordring.

Vi har arbejdet intenst med vores leverandører for at finde alternativer til fluor-stoffer i emballagen til

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Science News

... from universities, journals, and other research organizations

Endocrine-Disrupting Chemicals Pose Global Health Threat, Experts Say

Sep. 19, 2013 — In an editorial published in *Endocrinology*, a journal of The Endocrine Society, endocrine experts agreed that endocrine-disrupting chemicals (EDCs) pose a threat to human health and to the ecosystems of Earth. The editorial comes in response to a commentary (Dietrich *et al.* Chem Biol Interact) signed by a number of editors of toxicology journals that dismisses the state-of-the-science on EDCs and argues for the status quo in

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Solcreme og tandpasta kan ødelægge din sæd

Ny forskning viser, at hormonforstyrrende stoffer i solcreme og tandpasta påvirker mandens sædceller

AF: Ritzau /forbrug

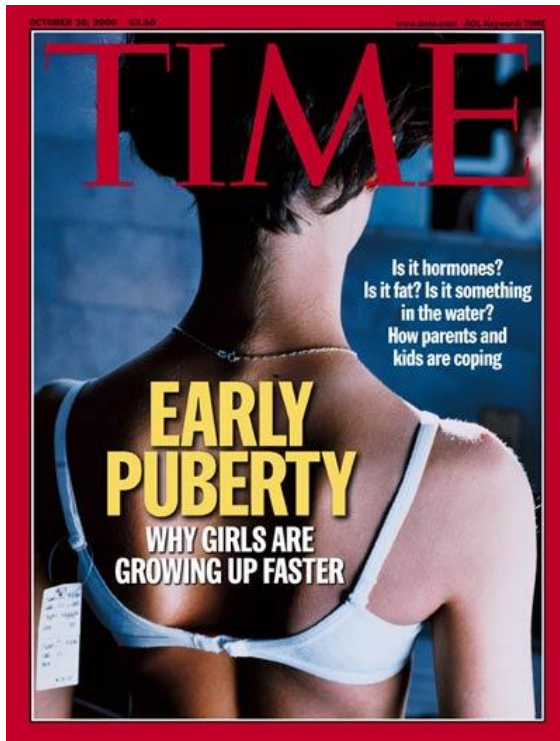
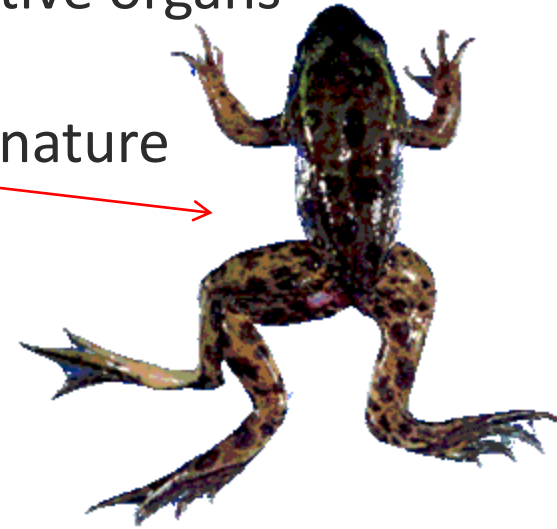
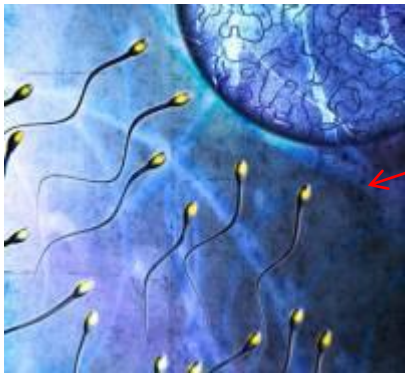


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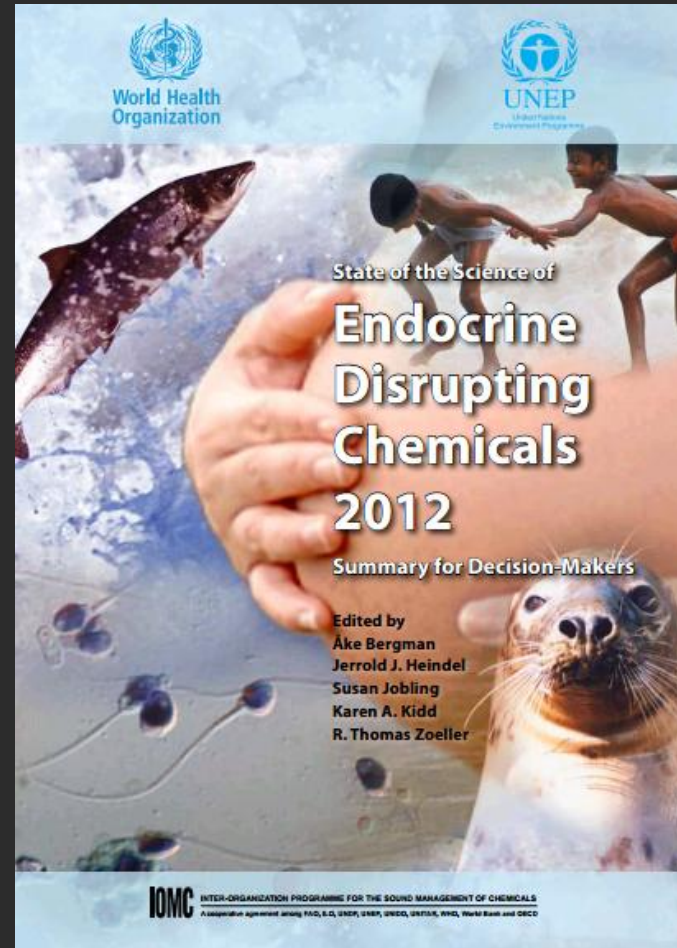
Problems with EDCs

- low sperm count in young men
- Boys with malformed reproductive organs
- Early puberty for girls
- Endocrine disrupting effects in nature
- Obesity



Scientists: Action is needed

2009:
Copenhagen
2011: EU - State
of the art
2012: WHO –
state of the
science



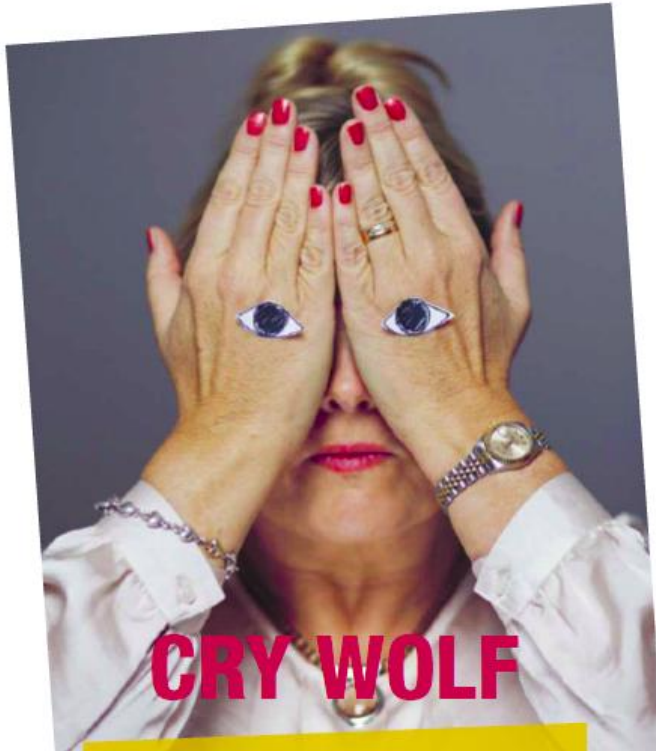
Healthcare costs in the EU of NOT handling EDCs

150.000.000.000 euros
or more....

Late lessons – early warnings



CHEMSecs report "Cry Wolf"



CRY WOLF

Predicted costs by industry
in the face of new environmental regulations

Industry overestimating the costs ... a major obstacle ... to protect health and environment.

Three main problems:

1. cost models are too static and limited
2. the cost reductions when complying with several regulations at the same time are ignored
3. the benefits of adapting are underestimated.

Danish consumers want a ban on EDCs

2013:

8 out of 10 Danes wants a ban
on EDC in consumer goods

(DCC consumer panel, March 2013)

2015:

9 out of 10 wants the Danish
government to go beyond
EU legislation and
ban EDC in consumer goods

(Gallup, April 2015)

In conclusion:

We see the problems around us
(Science has charted them)

We know the hazards of EDCs
(signs in animal tests)

We know enough to regulate
(says the scientists)

We'll probably never have conclusive evidence
(no test on humans)

Is there a political will!?
**When does the use of the
precautionary principle start?**
It starts now!

Ban chemicals that have shown
negative endocrine effects
in animals studies (in vivo)

Potential impacts for consumers


- Better Health
- Better Environment
- Safer products
- Environmentally sustainable agriculture.
- Improved reputation of food and farmers
- And not least a lower tax bill, when healthcare cost are reduced.

In the meantime, what can consumers do?

It is difficult!!

- Check the chemicals content (cosmetics, food and a few other products)
- Choose eco-labelled products
- Ask! - right-to-know.





Thank you for
your attention

cj@fbr.dk

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