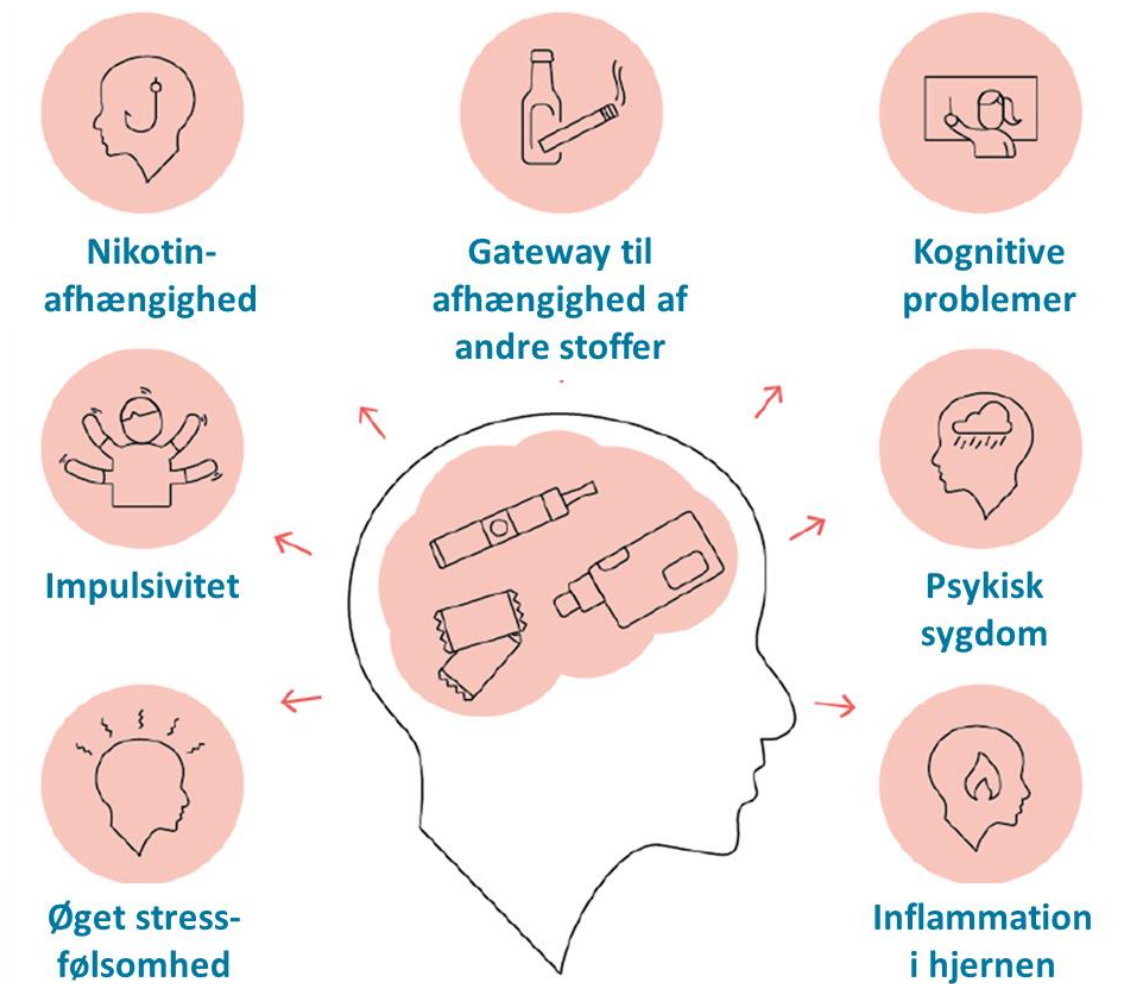




## **Foretræde, Folketingets sundhedsudvalg, 2. februar 2023:**

- Katrine Finke, sekretariatschef, Vidensråd for Forebyggelse
- Jesper T. Andreasen, lektor i psykofarmakologi, ph.d., Københavns Universitet
- Charlotta Pisinger, professor i tobaksforebyggelse, Københavns Universitet

# Nikotin skader især den unge hjerne



Jesper T Andreasen, jta@sund.ku.dk

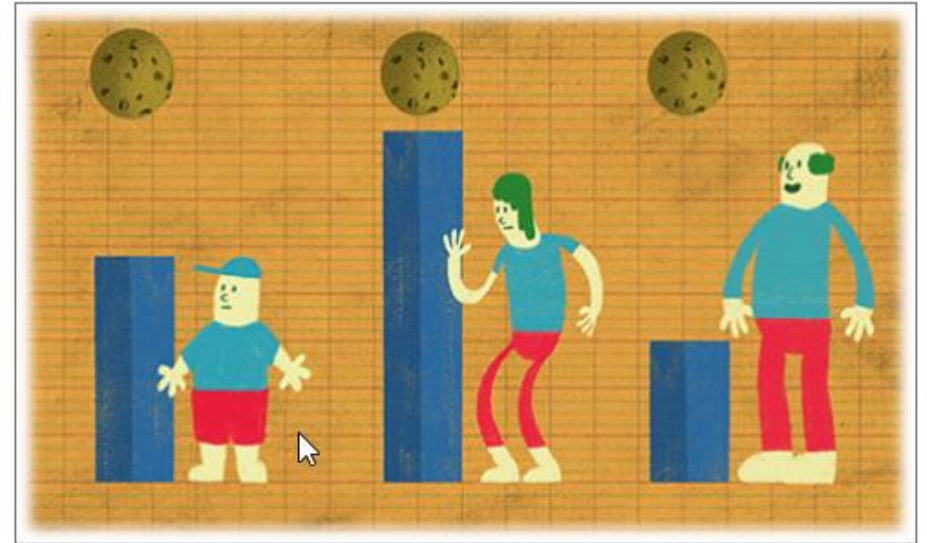
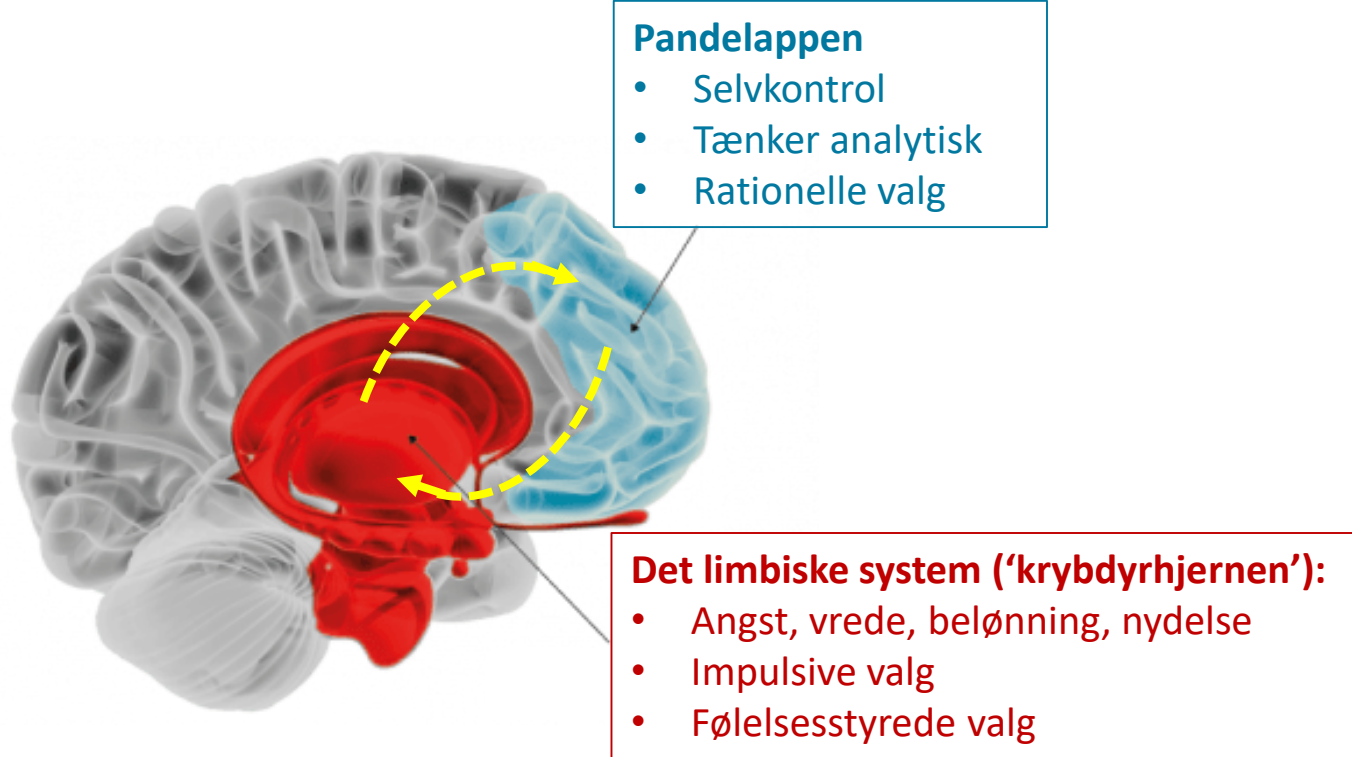
Dept. of Drug Design and Pharmacology

KØBENHAVNS UNIVERSITET



<https://vidensraad.dk/rapport/nikotinbrug-blandt-boern-og-unge-konsekvenser-og-forebyggelse>

# Nikotin hæmmer modningen af hjernen



**Teenagers hjerne reagerer kraftigere på hurtig belønning end børns og voksnes hjerne.**

<https://www.universityofcalifornia.edu/news/evolutionary-advantage-teenage-brain>

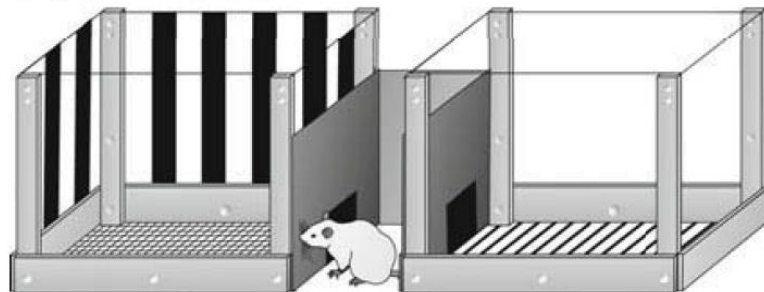
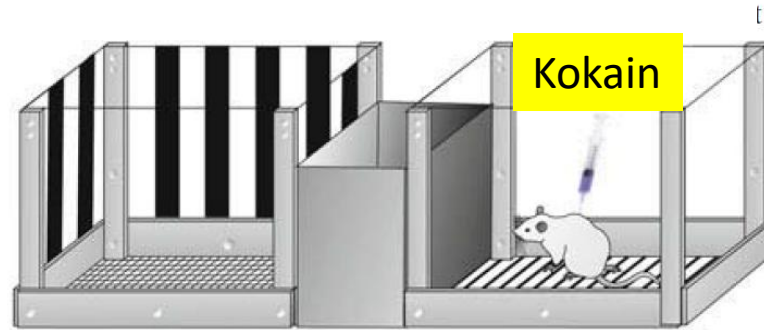
## Varige skadevirkninger af NIKOTIN :

- Risiko for afhængighed af rusmidler
- Dårlig impuls kontrol
- Depression og angstlidelser



# Nikotin og kokain

Hos mennesker ses markant større risiko for afhængighed af illegale stoffer, hvis man har brugt nikotin som teenager.



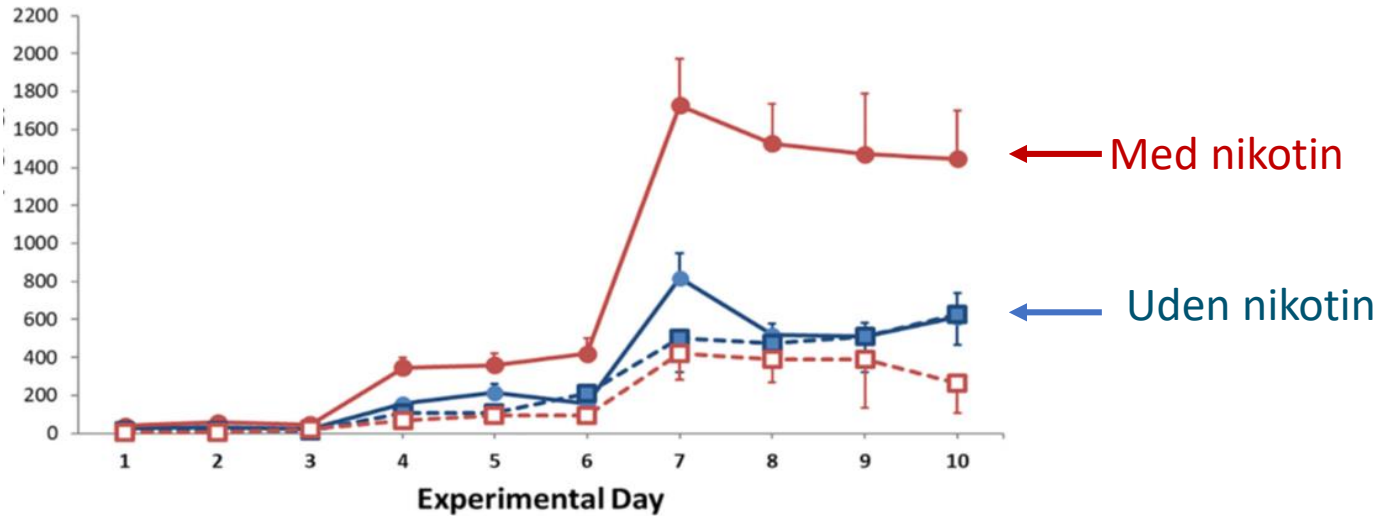
Hvad foretrækker du?

Rotterne vil helst være i det rum, der minder dem om kokain.

Tidligere nikotin-indtag gør kokain mere dragende.

# Nikotin og alkohol

## Nikotin øger alkoholindtag hos unge

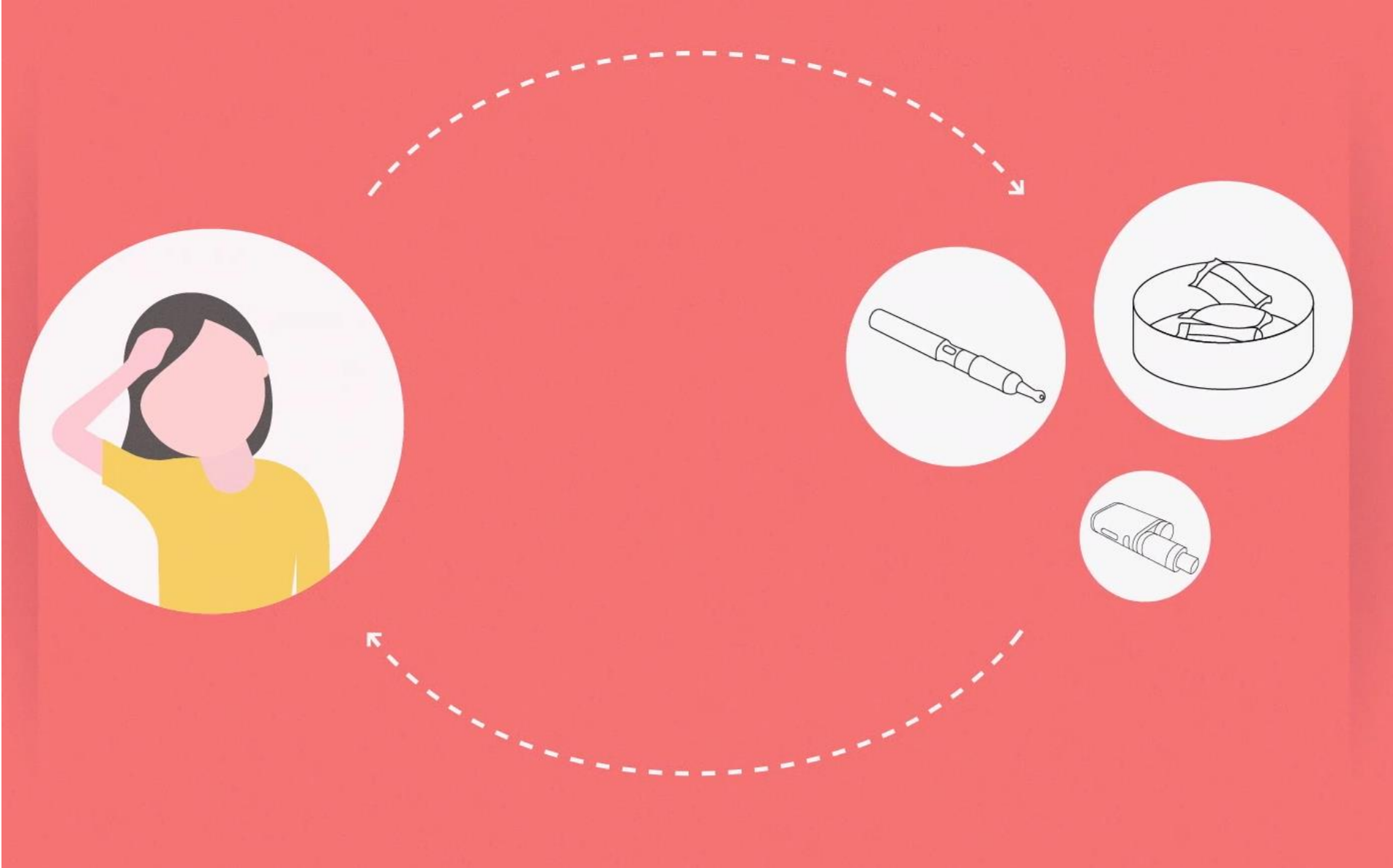


Modificeret fra  
Lárraga et al. (2017), *Front. Behav. Neurosci.* 11, 25.

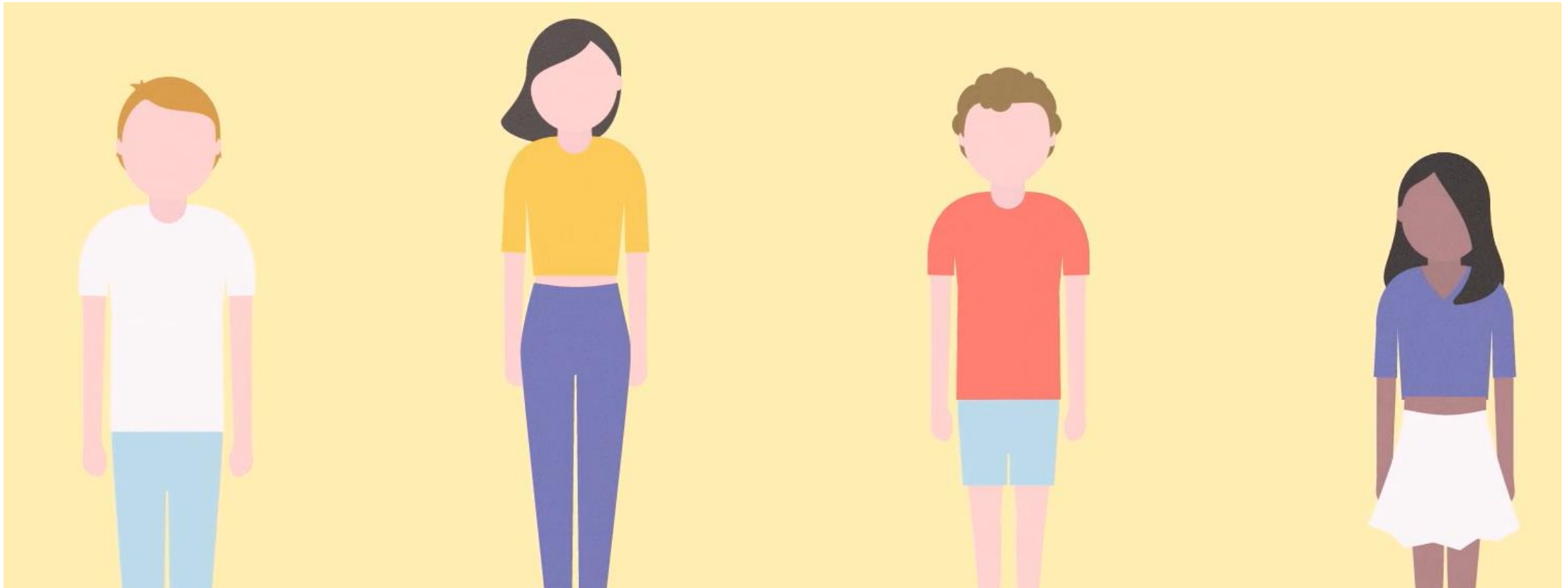
Nikotinindtag som ung  
→ øget alkoholindtag som voksen



# Nikotin som ung → angst og depression som voksen



# Den unge hjerne er særligt følsom







# Muligheder for at forebygge børn og unges brug af nikotin

**Charlotta Pisinger**

*Professor i tobaksforebyggelse*

Københavns Universitet

Hjerteforeningen

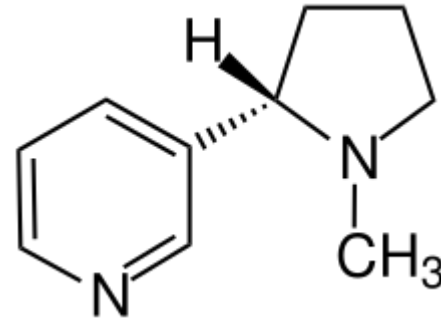
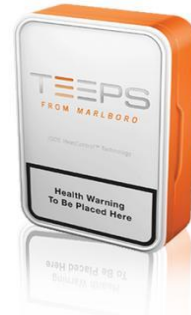
Center for Klinisk Forskning og Forebyggelse

UNIVERSITY OF  
COPENHAGEN



**DANISH HEART**  
FOUNDATION





NIKOTIN





bojubov • Follow

crispy, there's an alternative for adult people - VELO from @velo\_pouches, you can be anywhere and in any situation, relevant in quarantine - you do not need to go outside once again globally; in the car, office, on long journeys and flights - You do not need to endure, look for a special place or wait for the moment. VELO is a tobacco free nicotine developed in Sweden using a patented formula. This product is perfect for the situations I described above, anytime and anywhere, when using spiders there is no ash, and the smell and taste is fresh and pleasant. So there is no discomfort and what else plus does not leave marks on the lips. The jar is very convenient and

3,479 likes

4744 30

Add a comment...



lifeof\_dana • Follow

Vienna, Austria

lifeof\_dana (translation below) Amigos! You may remember some of the crazy adventures I've had with LYFT over the past year ... from F1 to Tomorrowland Summer, and we almost made it to Tomorrowland Winter! Now they embark on a new adventure and become VELO 🚀. I'm so happy to share your new name with you and can't wait to experience more adventures with this brand! 🍷@Velo.austria

#YouveGotVelo #LYFTistVELO

\*partnership, 18+. Dieses Produkt enthält Nikotin und macht abhängig.

You amigos might remember some of the crazy adventures I've been on in the past year with LYFT.. from F1 to

485 likes

JULY 14



jeremiahlkhawani • Follow

Said partnership with velo Indonesia 248

jeremiahlkhawani • Who is more diligent at workout? Let's stay healthy and happy guys!

Right now, I don't need to be afraid that my hands will interfere when I work out, because I can enjoy the sensation of VELO nicotine in my mouth without smoke, anytime, anywhere.

Want to try VELO too? Immediately check the website at [velo.com](http://velo.com) and buy using the VELOxJEREMIAH promo code to get 30% off!

@velo.Indonesia #YouveGotVELO #wdr

This product is for 18+ only, contains nicotine and can cause dependence.

5,881 likes

MARCH 13

Add a comment...



alexytton • Follow

Shoreditch, London

alexytton • Great evening with @jessicawoodley spending & learning about @velo.unitedkingdom, the nicotine pouches, new sustainability mission and creating our own artwork using recycled packaging! 🌱 18+ only. This product contains nicotine and is addictive. For adult nicotine consumers only. #ad #YouveGotVelo

jezzoff • Voice survives 🍷

View media (2)

jessicawoodley • 14 there

View media (2)

jessicawoodley • 🍷🍷🍷🍷🍷

View media (2)

38,236 views

APRIL 14

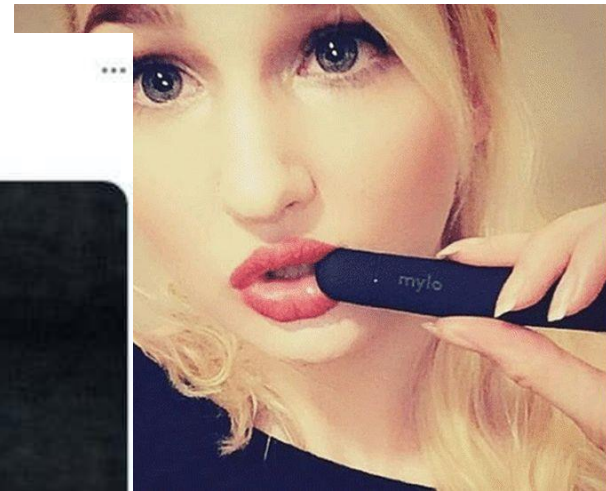
Add a comment...



OF RF @OF RFbrand • Apr 17

Light weight and pocket friendly, nexMINI Pod!

[hubs.la/H0Ky2240](https://hubs.la/H0Ky2240)



mylo mylovapeuk • Follow

mylovapeuk #repost @rae\_eleanor #mylo

idontfoldbro #tiptolipcheck 🍷❤



iqos.stories • Follow  
Bucharest, Romania



iqos.stories Guilt free  
•  
•  
#mărțișor #sweetslove  
#plating #firstdayofsp  
#firstofmarch

104w





**SPRING 2019  
BREAK**

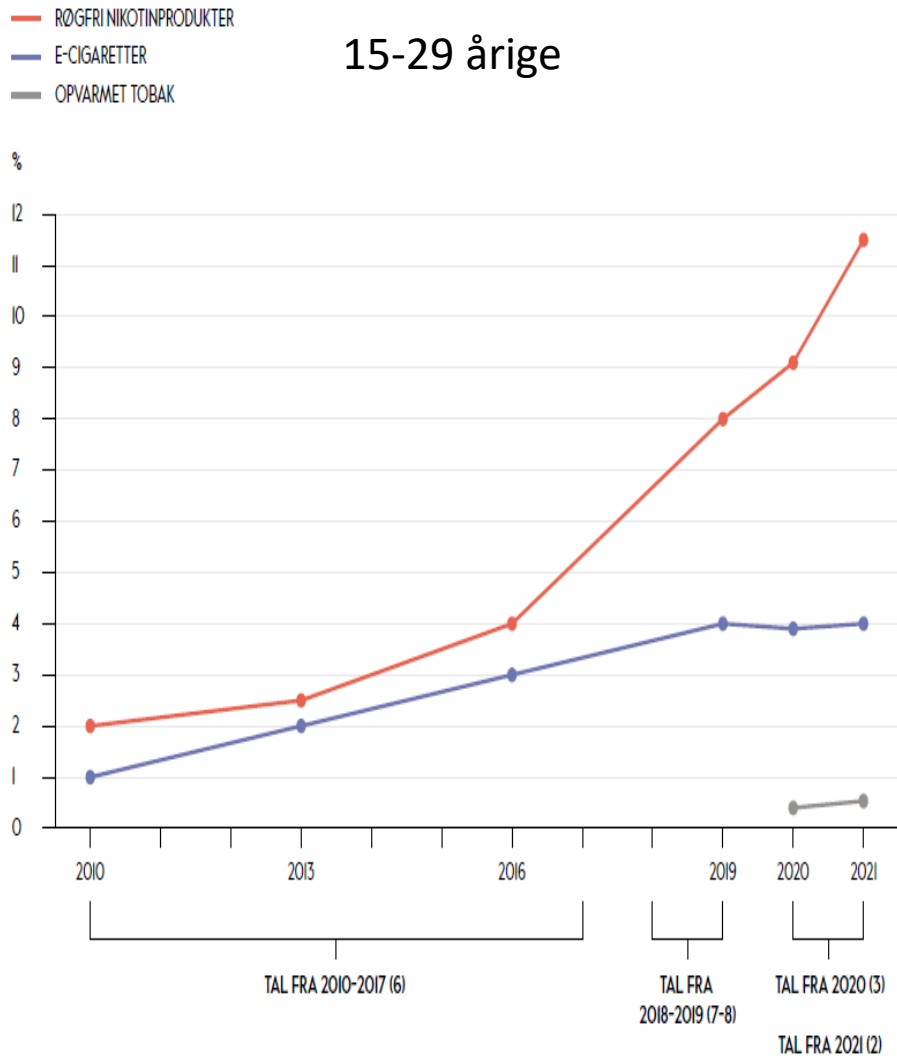
**NICOTINE**  
**ANYTIME, ANYWHERE**

**20%  
OFF**



AVAILABLE IN 2, 4 AND 8MG NICOTINE

# Stor stigning



# Bruges primært af unge



WHO Framework Convention on ... Forside | Vidensråd for Forebygg ... puff bar - Google Søgning ... nicotine

://pubmed.ncbi.nlm.nih.gov/?term=nicotine+pouches

Google Oversæt - Google PubMed - NCBI Colourbox Skyfish Drev - Skyfish Hjem - KUnet Our reviews | Coch

An official website of the United States government [Here's how you know](#)

**NIH** National Library of Medicine  
National Center for Biotechnology Information

PubMed.gov

nicotine pouches

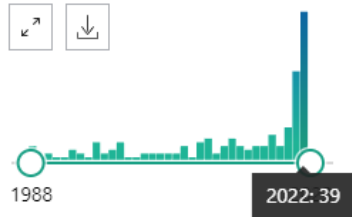
Advanced Create alert Create RSS

Save Email Send to Sorted

MY NCBI FILTERS

125 results

RESULTS BY YEAR



TEXT AVAILABILITY

**Nicotine pouches.**

1 Keogh A.  
Cite Br Dent J. 2021 Jan;230(2):61-62. doi: 10.1038/s41415-021-2622-y.  
PMID: 33483644 No abstract available.

Share

**Chemical characterization of tobacco-free "modern" their position on the toxicant and risk continuums.**

2 Azzopardi D, Liu C, Murphy J.  
Cite Drug Chem Toxicol. 2022 Sep;45(5):2246-2254. doi: 10.1080/01480



EN RAPPORT FRA

VIDENSRÅD FOR FOREBYGGELSE  
KRISTIANIAGADE 12  
2100 KØBENHAVN Ø

VFF@DADL.DK  
WWW.VIDENSRAD.DK

# FOREBYGGELSE AF RYGNING BLANDT BØRN OG UNGE. HVAD VIRKER?

AF

JØRGEN VESTBO

CHARLOTTA PISINGER

LOTUS SOFIE BAST

DORTE GYRD-HANSEN





# Staten

- **Lovgivning der omfatter tobaksområdet skal omfatte alle nikotinprodukter (også fremtidige)**
  - **Høje afgifter**
  - **Forbud mod smagsstoffer**
  - Hæve aldersgrænse for salg
  - Neutrale pakker
  - Usynlige ved kassen



# Staten

- Informationskampagner
- Håndhæve eksisterende lovgivning
  - Udstillingsforbud
  - Aldersgrænse for salg af nikotinprodukter
  - Reklameforbud

## Ny kampagne sætter fokus på skadevirkninger ved unges brug af nikotinprodukter

De seneste år er teenageres forbrug af nikotinprodukter som snus, nikotinposer og vapes steget, men deres forældre mangler viden om nye nikotinprodukter, de unges forbrug og de mange skadevirkninger, som er særligt farlig for den unge hjerne, der endnu ikke er færdigudviklet.

15 DEC 2022

A word cloud of Danish terms related to nicotine products. The most prominent word is 'Snus' in large, bold, black letters. Other words include 'Klinger', 'Skive', 'Lars larsen', 'Dags', 'Snot', 'Inger', 'Mussa', 'Træstamme', 'Madpakker', 'Himmelpude', 'Puka-poser', 'Skooby', and 'Dus'. The words are arranged in a roughly circular pattern, with 'Snus' at the center.



KRIVE

12 NICOTINE GUMMI'S

WARNING: This product contains Nicotine

KRIVE