

Bekjemping

Forskning

Standardavvik

Detektor

Kundegrunnlag

Strategi

Faktura

Replikater

Signifikans

Avdelingsingenior

Imidakloprid

Demand CS

Analise

Test

K-felle

Sprøytekanne

Serviceavtale

Skaderapport

Virkestoff

Publikasjon

Petriskål

Cimex lectularius

Erlenmeyerkolbe

Maxforce

Effekt

pulver

Tekniker

Dyse

Anders Aak
Avdeling for skadedyrkontroll
Folkehelseinstituttet



Veggedyrets biologi:



MELLANBY K (1935) A comparison of the physiology of the two species of bed bugs which attack man.

Johnson CG (1941) The ecology of the bed-bug.

Omori N (1941) Comparative studies on the ecology and physiology of common and tropical bed bug, with special reference to the reactions to temperature and moisture.

Usinger RL (1966) Monograph of cimicidae.

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Reinhardt K & Siva-Jothy MT (2007)
Biology of the bed bugs.

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Doggett SL, MILLER DM & LEE CY (2018)
Advances in the Biology and Management of Modern Bed Bugs.

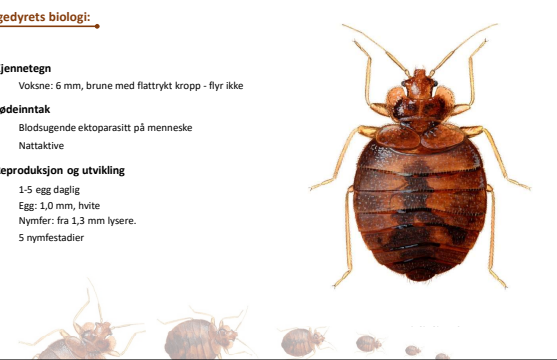


Veggedyrets biologi:

Kjennetegn
Voksne: 6 mm, brune med flatttrykt kropp - flyr ikke

Fødeinntak
Blodsugende ektoparasitt på menneske
Nattaktive

Reproduksjon og utvikling
1-5 egg daglig
Egg: 1,0 mm, hvite
Nymfer: fra 1,3 mm lysere.
5 nymfestadier



Veggedyrets biologi:

Økt spredning over hele verden

- Resistens
- Økt transport av mennesker og gjenstander
- Bagasje, sengetøy, møbler, mm
- Kan selv vandre mellom rom




Veggedyrets biologi:

På de fleste steder der folk sover

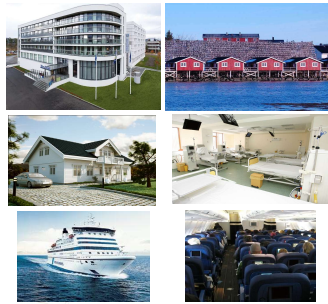
Steder med mange midlertidige gjester

Også i

- leiligheter
- eneboliger
- transportmidler
- offentlige bygg

Nær verten

- Sprekker og hulrom
- Mest i senga
- Alle andre steder er mulig




Skader fra veggedyr:

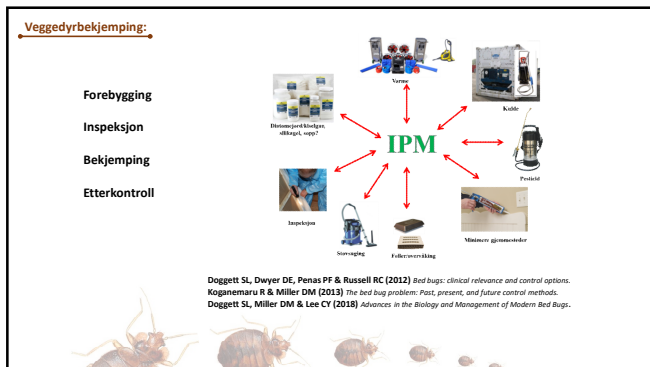
Smerteløst stikk på naken hud

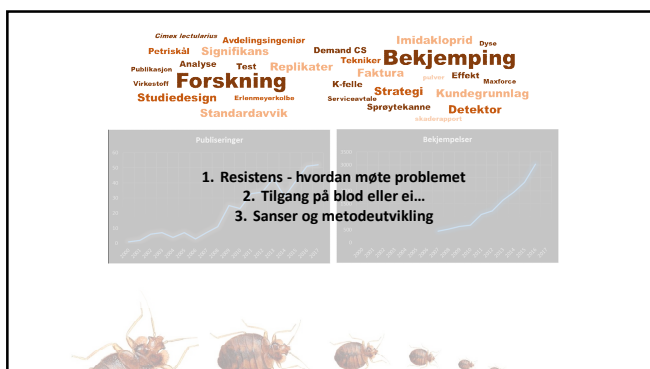
- Ingen reaksjon
- Kløende og rød hevelse
- Blemmer i huden

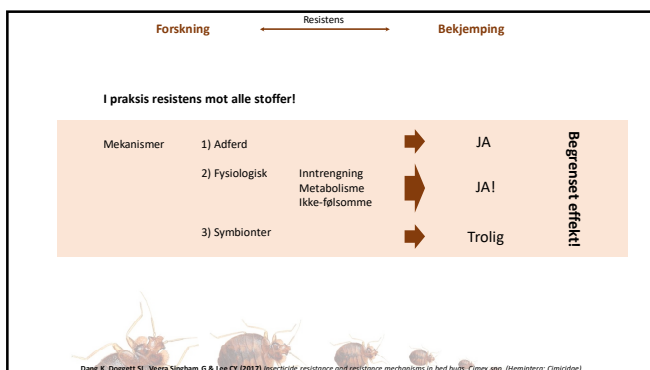
Bakterieinfeksjon kan oppstå ved kløende reaksjon

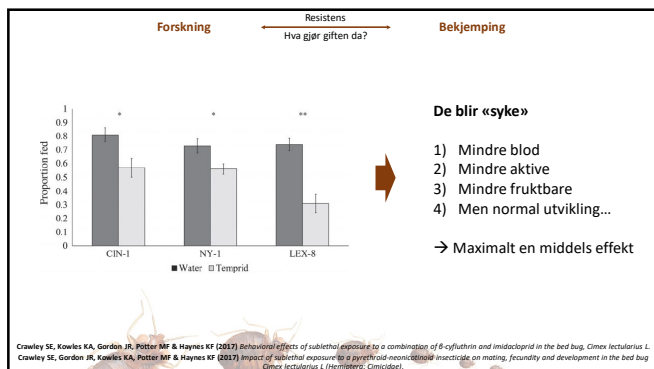
Psykisk stress → søvnvansker, angst og depresjon

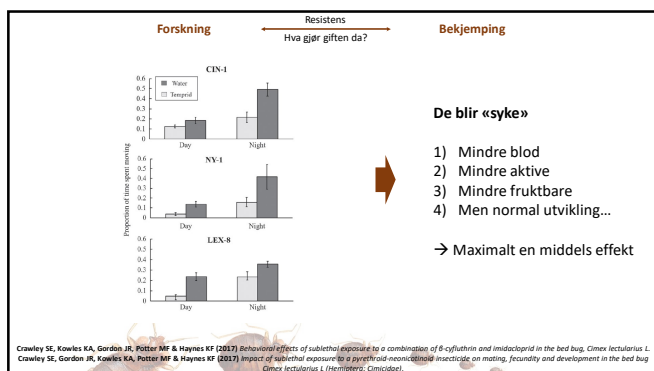


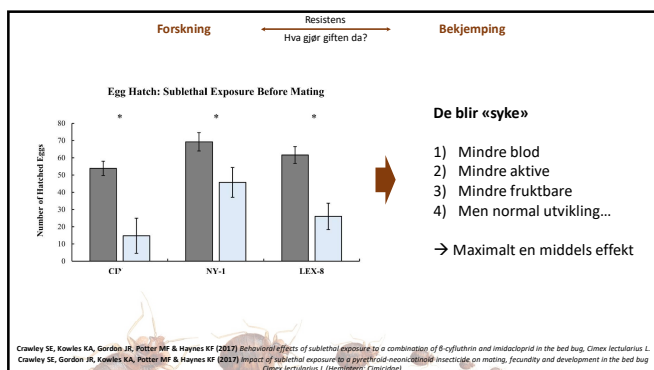



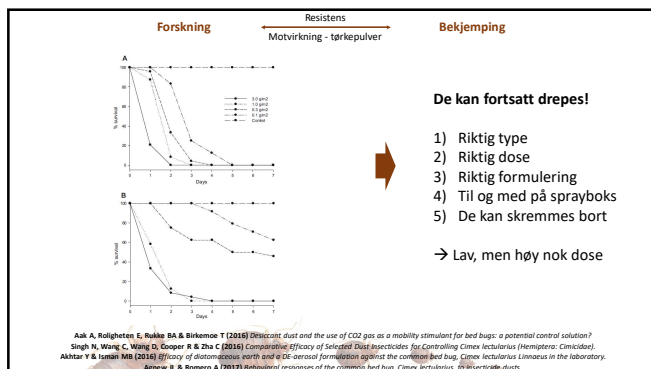


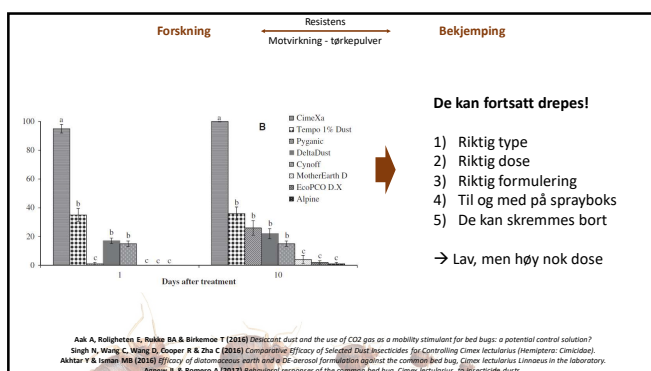


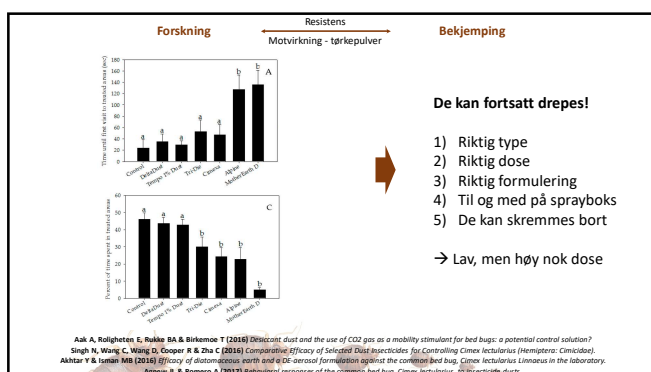


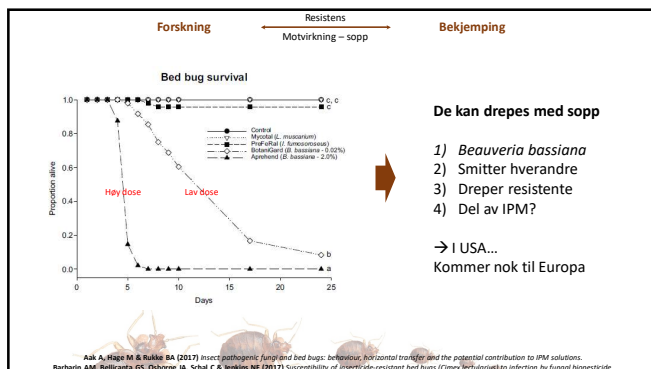


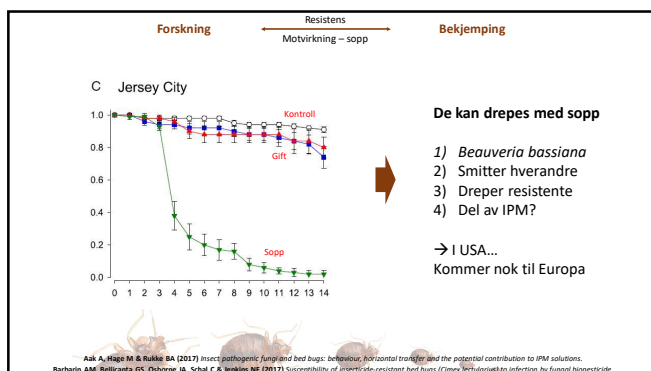


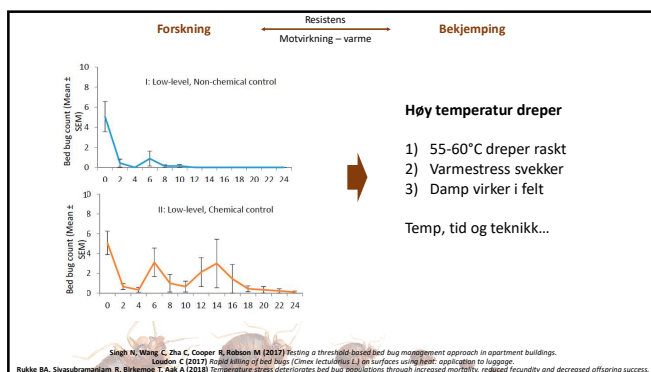


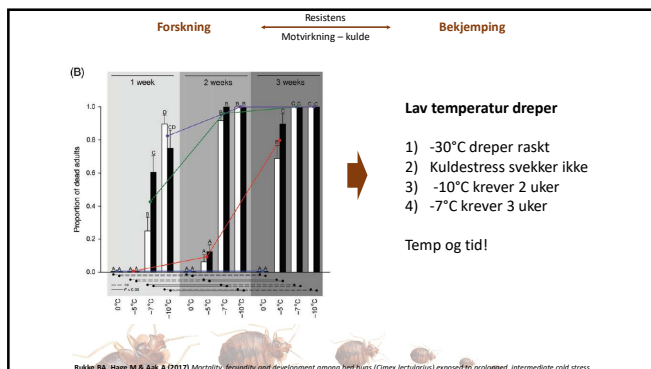


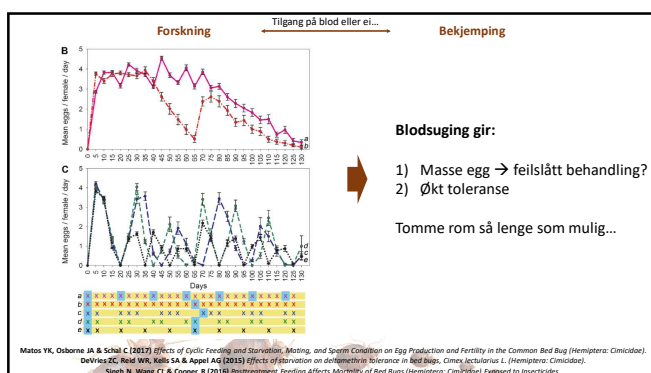


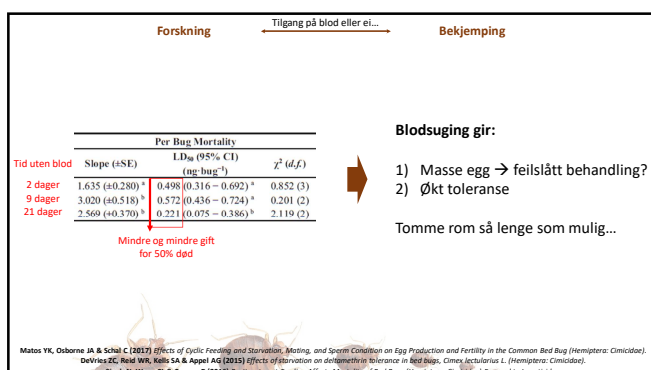


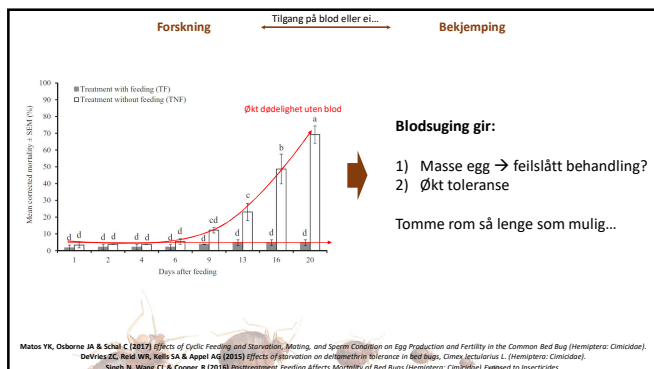


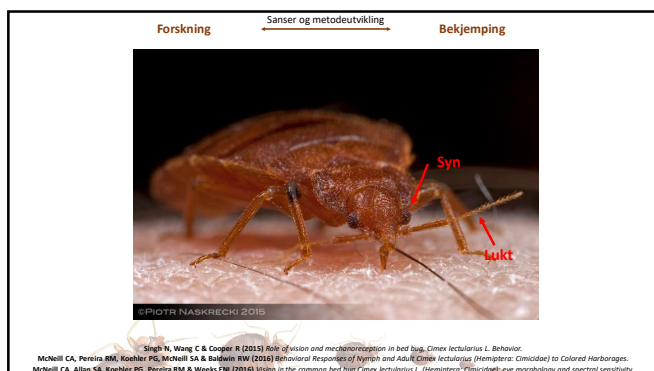


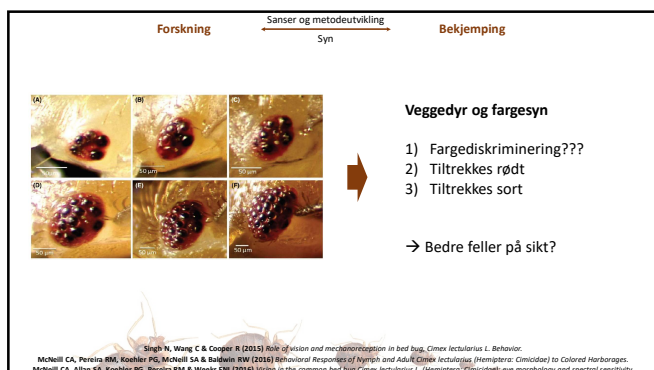


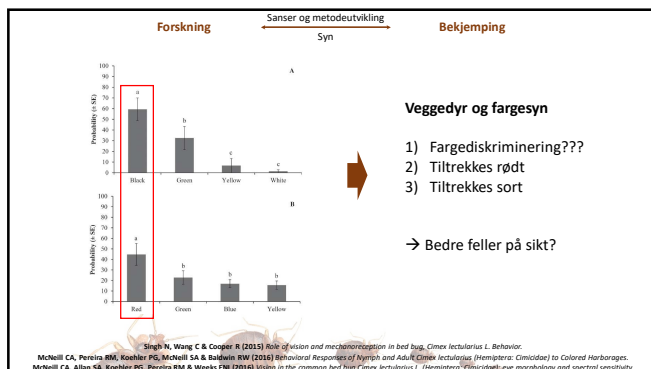


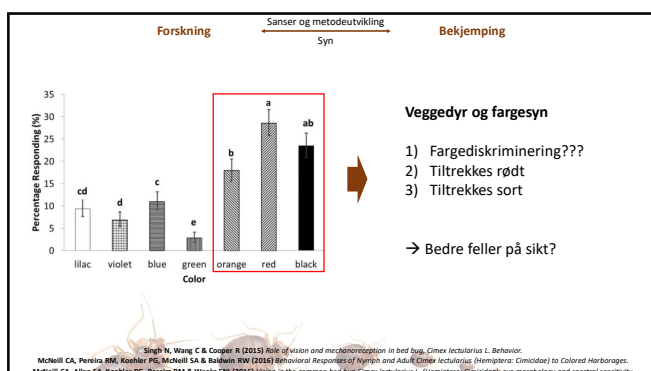


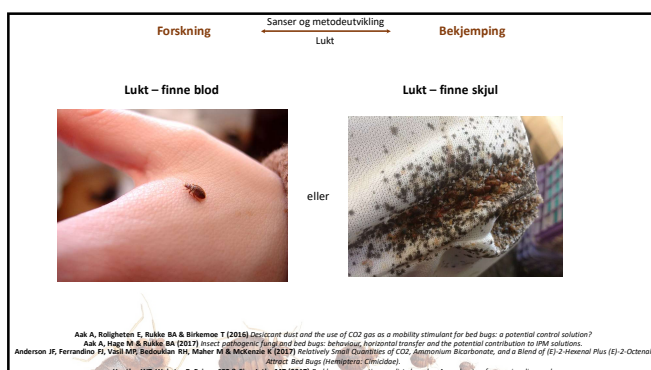


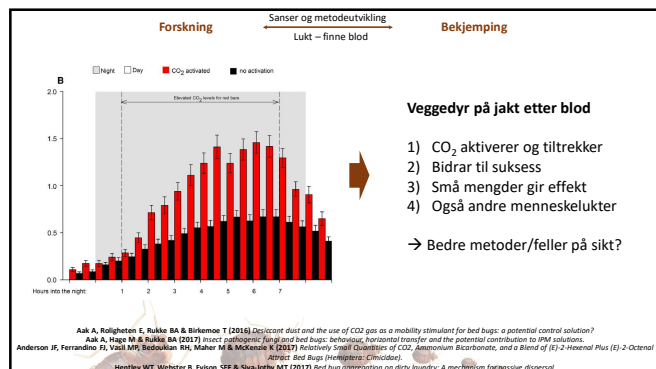


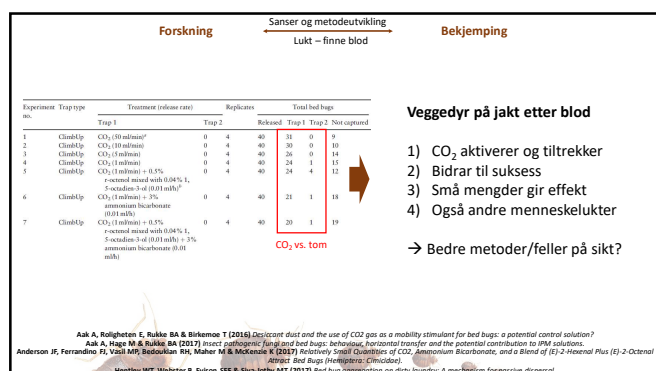


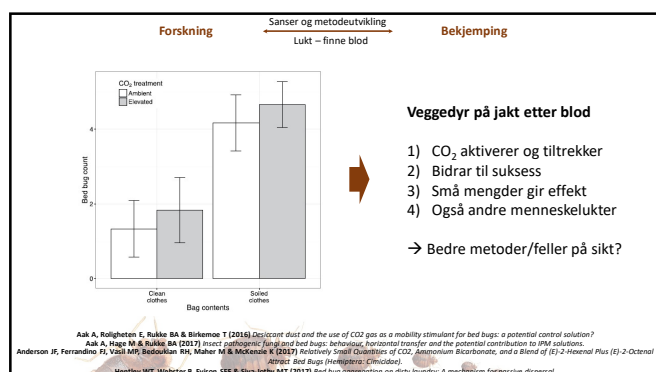


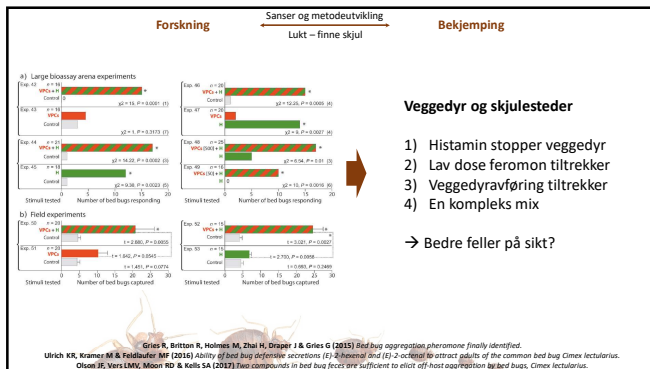


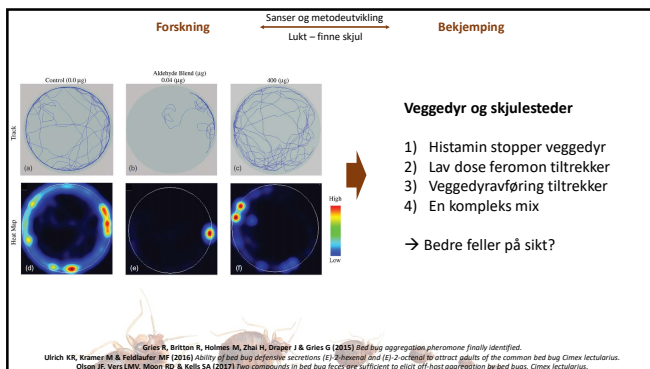


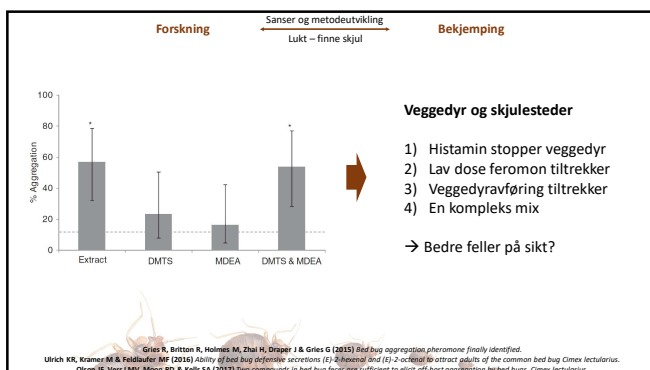












Forskning ← → Bekjemping

OPPSUMMERING

Resistens	→ JA, definitivt!
Hvordan møte problemet	1) tørkepulver 2) insektdrepende sopp? 3) damp/varmebehandling 4) kuldebehandling → lang tid...
Tilgang på blod eller ei...	→ Bedre suksess hvis de er sultne
Sanser og metodeutvikling	→ Forbedrede feller og mer effektive tiltak