



Ministry of Agriculture,
Nature and Food Quality



African swine fever research:

do we need to know more ?

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African swine fever control

Control of ASF based on

- Science: population – molecular level
- Policy : cost – benefit, society
- Implementation

Science

- Gain knowledge: fundamental – applied science
- Basis for risk analysis and evidence-based decision making
- Level of evidence : basic science - expert opinion / experience



Source: Czech republic



Knowledge on ASF control

- Extensive knowledge available
- Translate into adequate measures → best practices
- Use experience and knowledge from other disease epidemics
- Behavior and attitude of all stakeholders awareness, education
- Control at different levels (farm, region, country)
- Tailormade measures





Knowledge gaps

Scientists

- Identification of knowledge gaps
- 'We need more research'

Policy makers

- A lot of knowledge already available
- Do we need more ?
 - Need to know
 - Nice to know



Increase science impact in ASF control

Identify science most relevant

- Multiple sciences contribute
- Different scientific facts are relevant to different decisions
- Differentiate: 'need to know' and 'nice to know'

Determine what we know already

- Determine what stakeholders know
- Connect to stakeholders knowledge, do not overestimate
- Offer new facts in extension to current knowledge



Points to increase impact

Evaluate adequacy of communication

- Communication has little value unless it reaches its audience, either directly or indirectly.
- Framing the message is an integral part of good communication





Framing

Sociology:

Presenting the information in a way that it resonates in the audience



Framing is an integral part of human communication



WARNING!



H1N1 FLU SHOT CONTAINS:
Beta-Propiolactone: Carcinogen
Neomycin Sulfate: Immunotoxin
Polymyxin B: Neurotoxin
Potassium Chloride: Neurotoxin
Sodium Taurodeoxycholate: Carcinogen/Immunotoxin
Thimerosal (Mercury Derivative): Neurotoxin

VACCINES ARE LINKED TO:
Narcolepsy Rheumatoid Arthritis
Guillain-Barre Syndrome Multiple Sclerosis
Autism Lupus
Paralysis Cancer
Dystonia Death



THE H1N1 VACCINE IS NOW BANNED IN MULTIPLE COUNTRIES!
THE H1N1 VACCINE'S DEVELOPERS HAVE REFUSED TO TAKE IT!
PROTECT YOURSELVES WITH KNOWLEDGE!



ASF research: do we need to know more ?

- Actions needed to control ASF in kept pigs are known
- Relative contribution of various control measures not known and difficult to adhere to for long term

More research is needed

- Vaccine development
- Contribution of different transmission routes
- Risks of reservoirs, commodities
- Wild boar/ pig interface
- Behavioral changes: Psychology/sociology etc
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