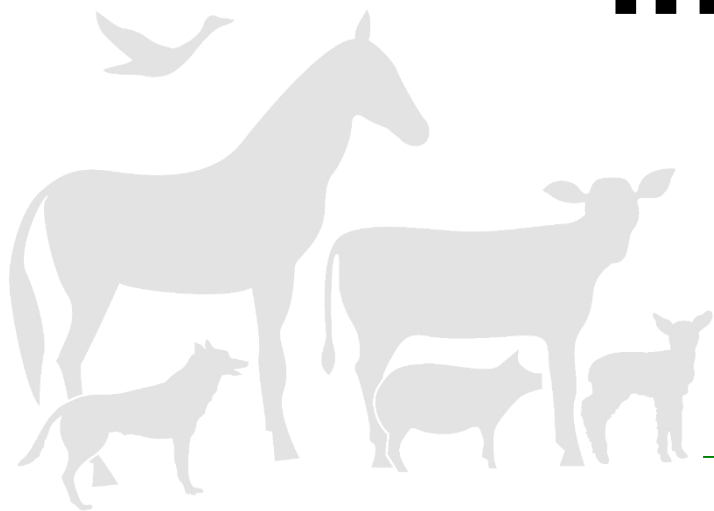


# Current situation of swine influenza virus in Poland



**Kinga Urbaniak**

Barcelona, April 25th, 2023

# MONITORING PROGRAMS

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The multiannual program

"Animal health and public health protection,"  
Ministry of Agriculture and Rural Development.

Swine influenza was included in 2019.

- 2,500 sera
- 50 lung tissue  
are tested annually

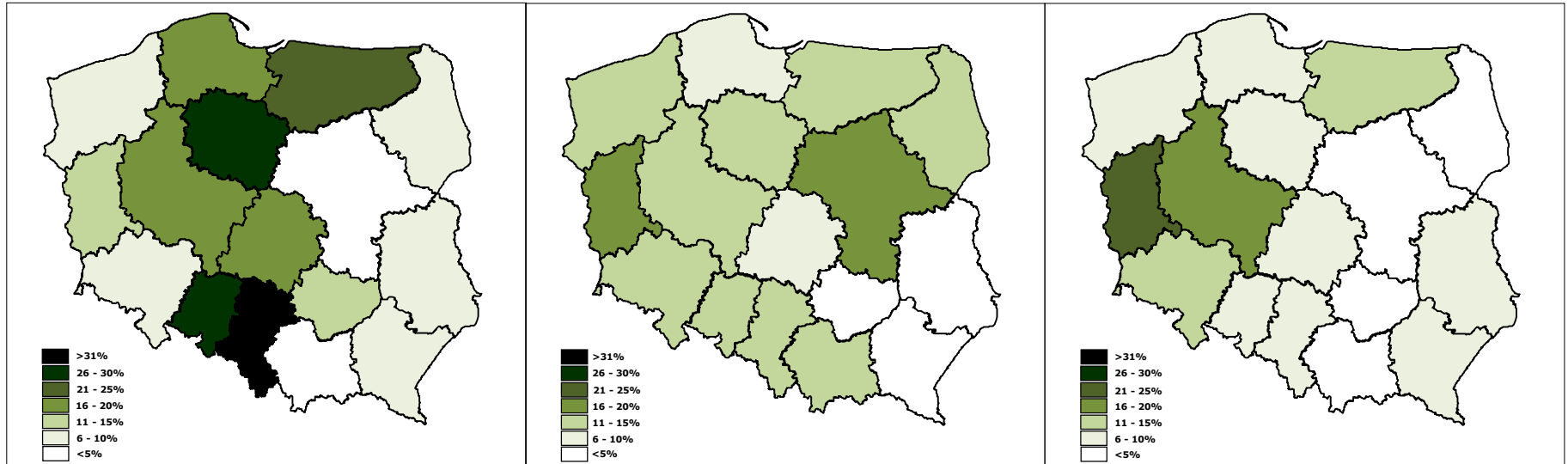


# RESULTS – SEROLOGICAL TESTS

2020

2021

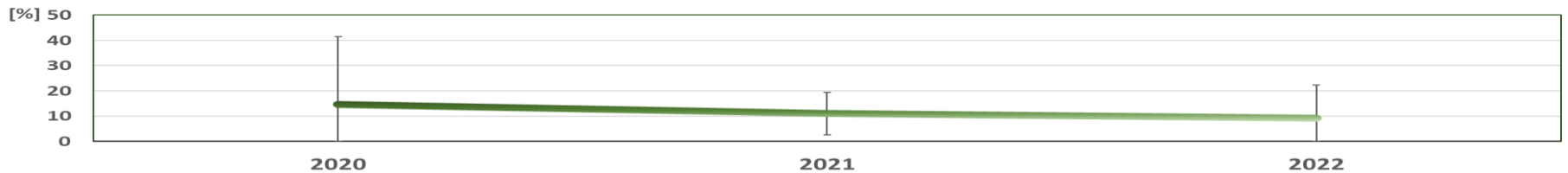
2022



14.6%

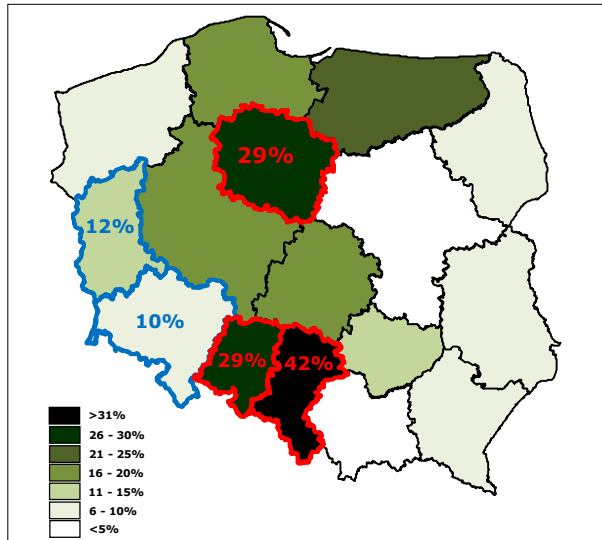
11.1%

9.1%



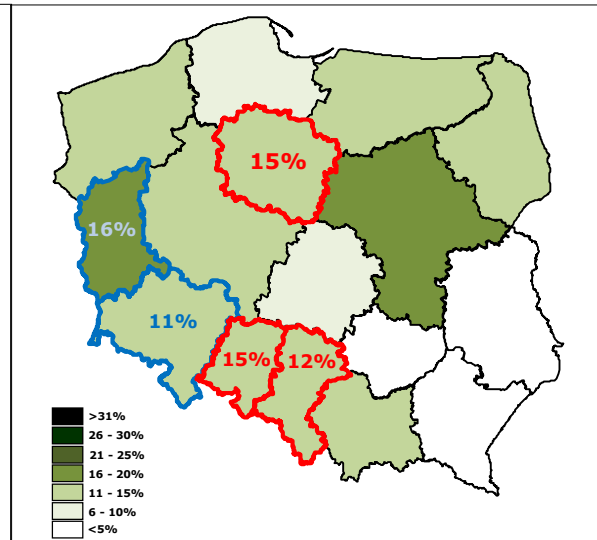
# RESULTS – SEROLOGICAL TESTS

2020



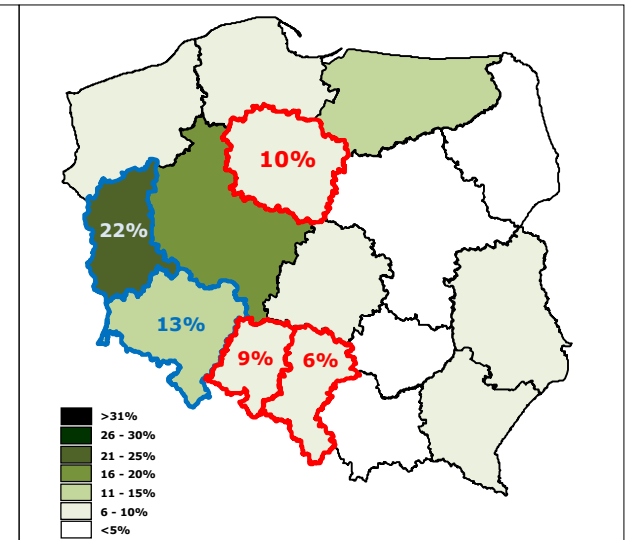
14.6%

2021



11.1%

2022



9.1%

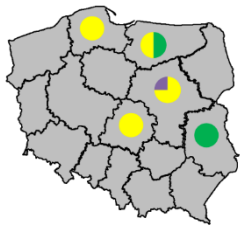
increase: 12% → 16% → 22%

10% → 11% → 13%

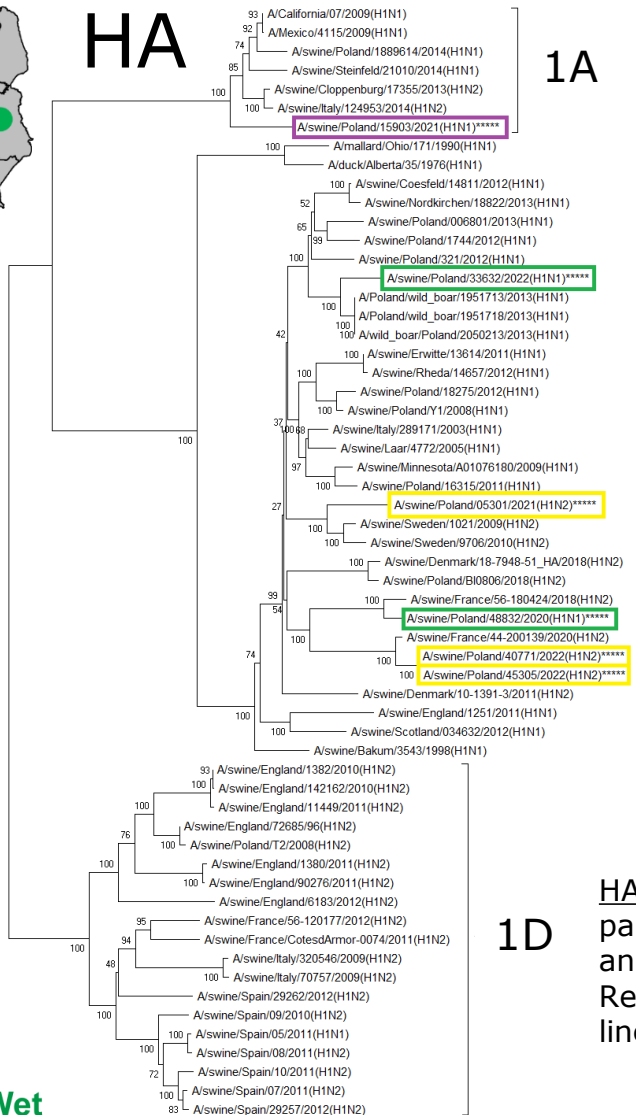
decrease: 42% → 12% → 6%

29% → 15% → 9-10%

# RESULTS – MOLECULAR TESTS



HA

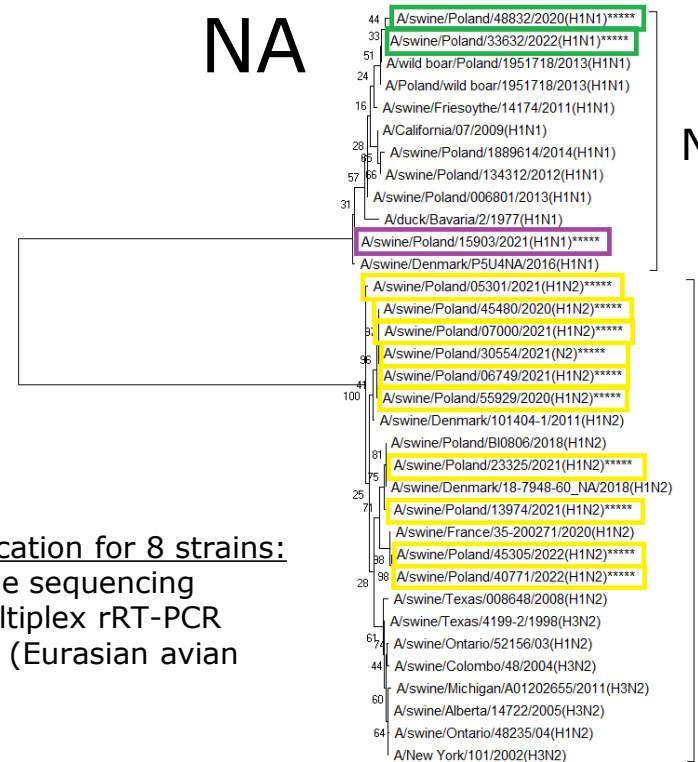


1A

1C

Year	Positive
2020	16% (8/50)
2021	26% (13/50)
2022	14% (7/50)

NA



N1

N2

1D

HA identification for 8 strains:  
partial gene sequencing  
and/or multiplex rRT-PCR  
Result: H1 (Eurasian avian  
lineage)



0.050

0.50

# THANK YOU FOR YOUR ATTENTION

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<https://www.piwet.pulawy.pl/>

