

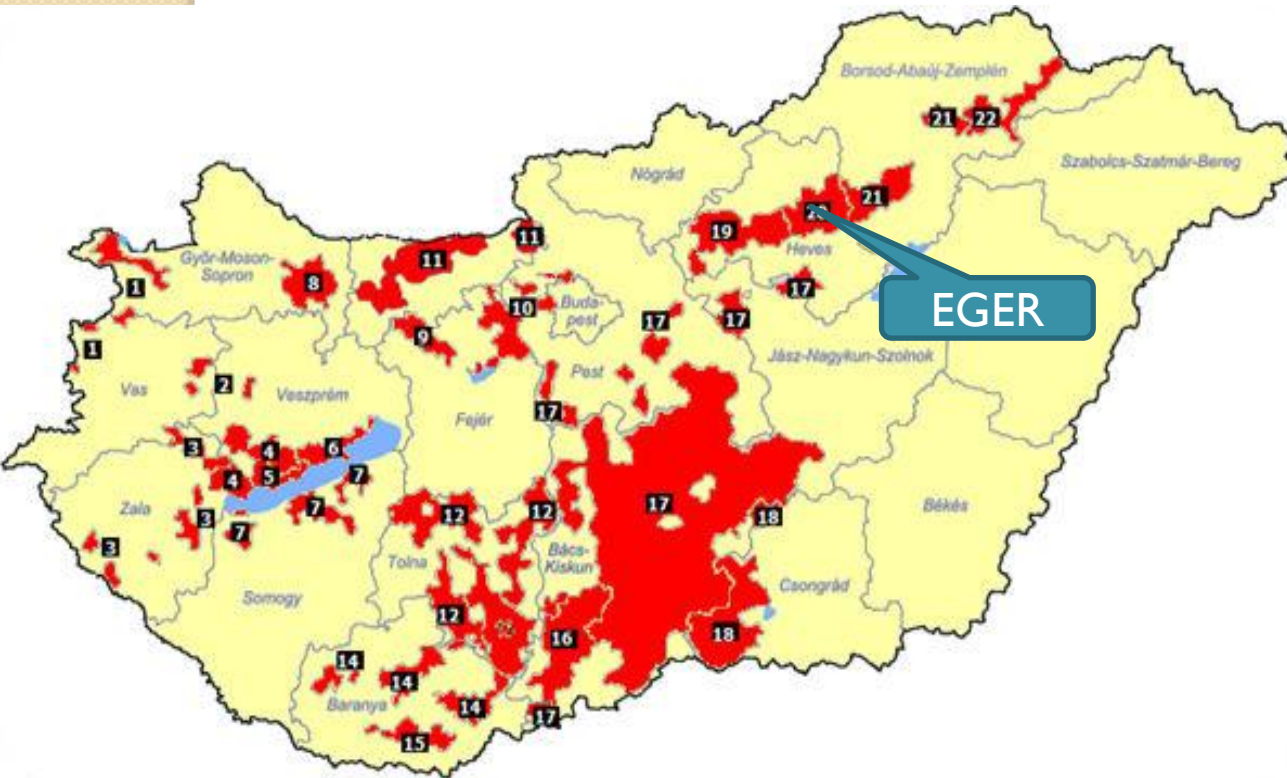


# Eszterházy Károly University College, Eger, Hungary

## **EGERFOOD Regional Knowledge Centre**

Food Grape Wine

# **GTD related microorganisms in hungarian wine-regions**



**Kalman VACZY**



15/05/2013



15/05/20



15/05/2013



15/05/2013

## Neszmély wine region

15/05/2013

# Sample collecting: palces, varieties

1. Eger wine region – backyard; talbe and grapewines,  
unidentified cultivars;
2. Eger wine region – grapewine; Csókaszőlő;
3. Neszmély wine region – grapewine; Hárslevelű;

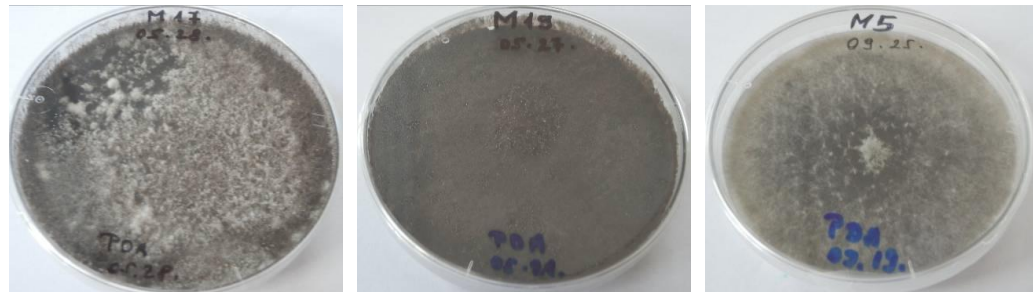
- ✓ Samples form symptomatic and died plants;
- ✓ Symptomatical characterisation;
- ✓ Isolation: 140 isolates;
- ✓ Morphological characterisation;
- ✓ ITS classification – 93 isolates;

# Identification of microorganisms

*Diplodia seriata*

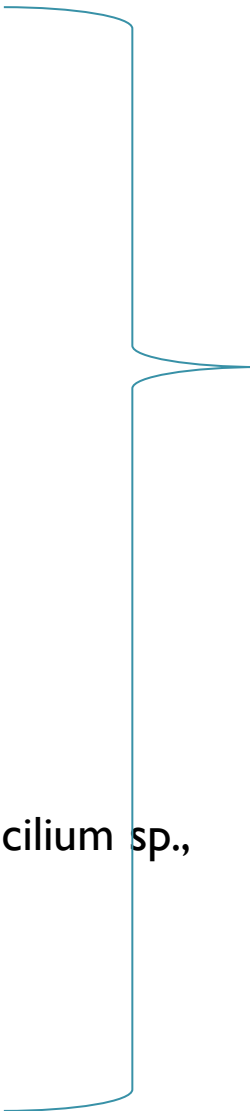


63 isolates  
45%



# Identification of microorganisms

- ✓ *Dothiorella iberica* – 2 isolates;
- ✓ *Cytospora chrysosperma* – 5 isolates;
- ✓ *Phaeoacremonium aleophilum* – 2 isolates;
- ✓ *Phaeomoniella chlamydospora* – 1 isolate;
- ✓ *Botryosphaeria dothidea* – 1 isolate;
- ✓ *Neofusicoccum parvum* - 2 isolates;
- ✓ *Diaporthe eres* – 2 isolates;
- ✓ *Phoma* sp., *Phomopsis* sp., *Fusarium* sp., *Alternaria* sp., *Penicilium* sp.,  
*Aspergillus* sp.;
- ✓ *Trichoderma* sp., *Epicoccum* sp.;

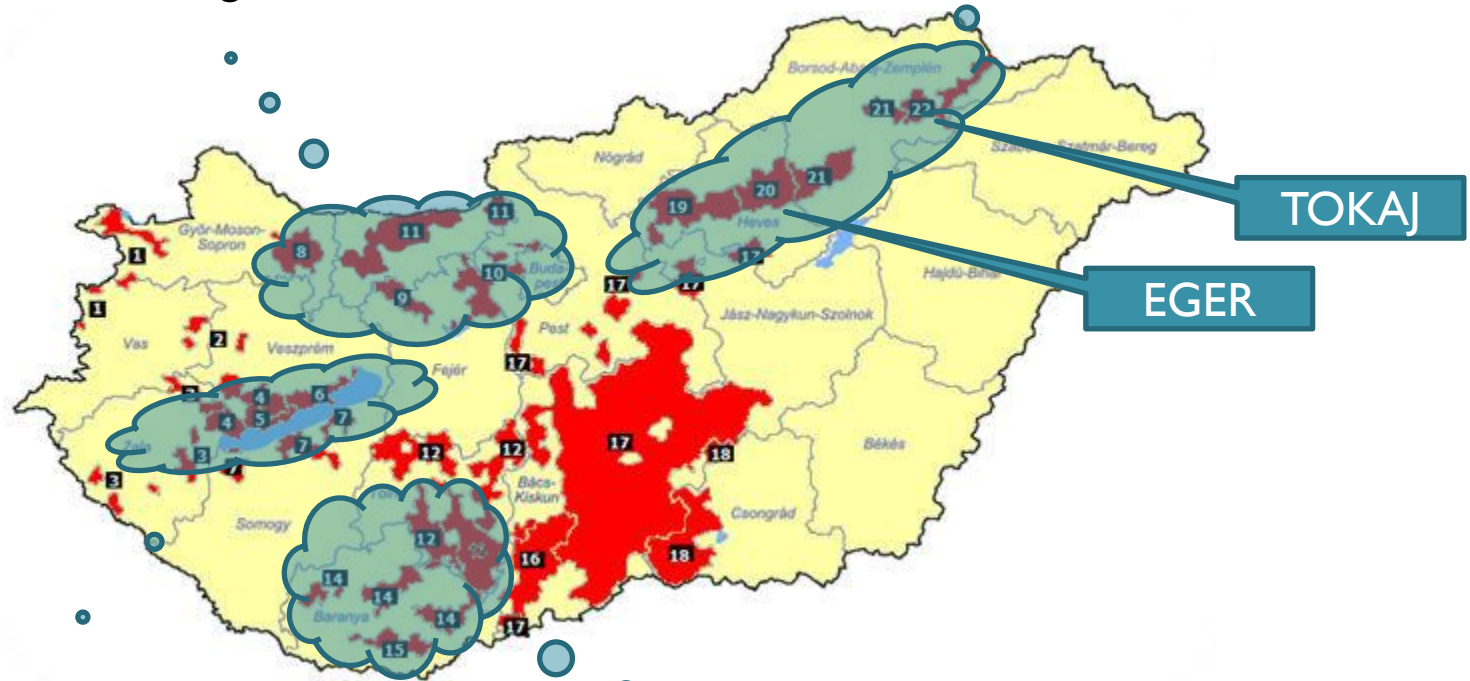


55%

# Hungarian wine-regions

Danube wine regions

North-Hungarian wine regions



Balaton wine regions

Pannonian wine regions

- ✓ Agreement with universities
- ✓ Agreement with nurseries
- ✓ Four sample collection region