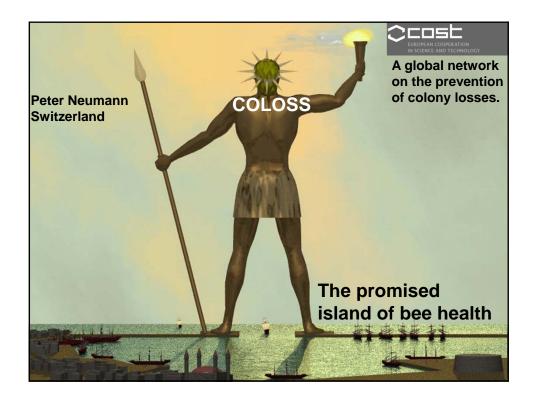


MARTIN-LUTHER-UNIVERSITÄT HALLE-WITTENBERG
Some past and contemporary attempts
Hygienic behaviour and resistance to American foulbrood
Walter C Rothenbuhler
Varroa resistant/tolerant bees on the island of Gotland
on the Island of Gottand
Ingemar Fries
Nosema tolerant honeybees in Denmark
Per Kryger







Beekeeping in EuropE and the Decline Of honeybee Colonies

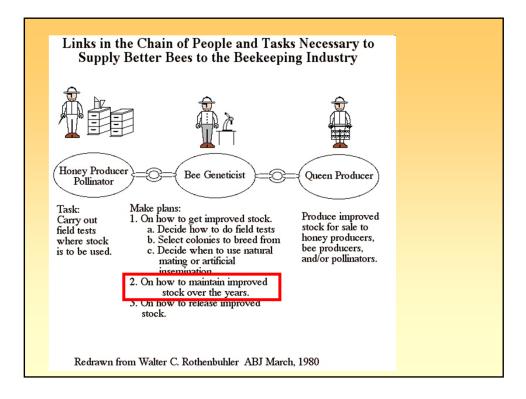
emergence of new- or re-emergence of well known pathogens, as well as interactions with endemic infections and parasitism, in different European areas

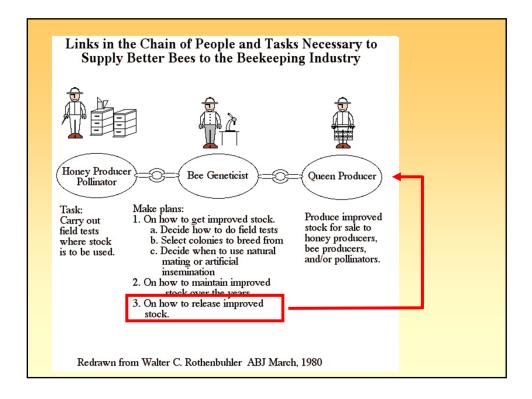
Genomics knowledge of the bee genome and of some pathogens (such as viruses) will be used to differentiate and explore hostpathogen interaction.

Special focus will be on Nosema disease (*N. apis and ceranae*), viruses and the impact of Varroa destructor infestation.

Environmental factors, including chronic exposure to pesticides, as well as husbandry and management practices will be considered.







Varroa Sensitive Hygiene (VSH)

Where did VSH bees come from?

VSH bees were originally selected from diverse domestic honeybee colonies in Louisiana and Michigan that showed some degree of mite resistance .

They are all American bees.



