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Identification of environmental and genetic risk factors for age related hearing impairment

Fact Sheet

Project Information

ARHI

Grant agreement ID: QLK6-CT-2002-00331

Project closed

Start date

1 March 2003

End date

31 May 2007

Funded under

Specific Programme for research, technological development and demonstration on "Quality of life and management of living resources", 1998-2002

Total cost

€ 2 701 852,00

EU contribution

€ 2 701 852,00

Coordinated by

UNIVERSITEIT ANTWERPEN



Belgium

Objective

In the 21st century, Europe will face the burden of its ageing population. The most common sensory impairment among the elderly is age related hearing impairment (ARHI). In this project, we want to identify the ethiological factors involved in ARHI, including the genetic causes, the environmental causes and the interaction between them. A large cohort of patients and controls, originating from various parts of Europe, will be subjected to audiologic evaluation, genetic analysis and a

questionnaire on suspected environmental risks. We expect to identify the major susceptibility genes and clarify the role of environmental risk factors. The interaction between the different factors will be studied using neural network computing. Based upon these results, guidelines will be formulated for the prevention of ARHI.

Fields of science (EuroSciVoc)

[natural sciences](#) > [computer and information sciences](#) > [artificial intelligence](#) > [computational intelligence](#)



Programme(s)

[FP5-LIFE QUALITY - Specific Programme for research, technological development and demonstration on "Quality of life and management of living resources", 1998-2002](#)

Topic(s)

[1.1.1.-6. - Key action The Ageing Population and Disabilities](#)

Call for proposal

Data not available

Funding Scheme

[CSC - Cost-sharing contracts](#)

Coordinator



UNIVERSITEIT ANTWERPEN

EU contribution

No data

Total cost

No data

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EU contribution

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Total cost

No data

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