Diagnostics

Use of nfkb1 gene polymorphism for hearing on forecast meniere's disease

A research group of the System Public Health of Andalusia (SSPA) has developed a method of obtaining useful data for diagnosis, prognosis and classification of patients with sensorineural hearing loss, and especially those with Meniere's disease.

Oficina de TRANSFERENCIA DE TECNOLOGÍA
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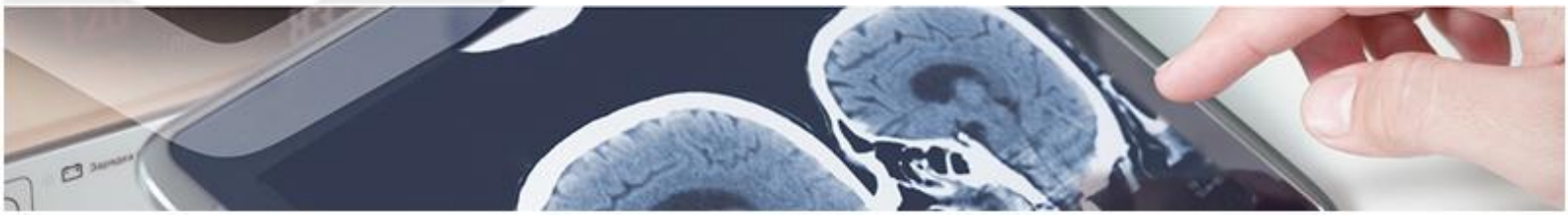

Description

Ménière's disease (MS) is a chronic disorder that affects the inner ear characterized by recurrent episodes of vertigo, progressive instability, sound pressure, tinnitus and loss of hearing.

The results obtained by using polymorphisms or single nucleotide variants allow obtaining useful information in the diagnosis and / or prognosis of a disease with sensorineural hearing loss

Advantanges

1- The researchers of this research group is the first to demonstrate the association of two allelic variants located in specific genomic coordinates in the NFKB1 gene that determine high risk for early hearing loss in Meniere's disease with unilateral sensorineural hearing loss.

2- These variants have a high frequency (0.29 and 0.42) in the general population and in patients and are very useful for establishing the prognosis with high diagnostic yield.

3- The identification of a more aggressive form of the disease may determine an alternative therapeutic approach that includes intratympanic drug therapy and surgery

Intellectual Property

This technology is protected by patent

Aims

The group is looking for a license agreement holding and / or collaboration

Classification

Area: Diagnostic
Pathology: Ophthalmology and Optometry

JUNTA DE ANDALUCIA
CONSEJERÍA DE IGUALDAD, SALUD Y POLÍTICAS SOCIALES

FIBAO
FUNDACIÓN PÚBLICA ANDALUZA PARA LA INVESTIGACIÓN BIOSANITARIA DE ANDALUCÍA ORIENTAL ALEJANDRO OTERO

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