## Different approaches towards knowledge about noise induced hearing loss in working life

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## ABSTRACT

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Late in 2007, a consortium started at the Karolinska Institutet in Stockholm, Sweden, with the aim of taking a novel approach to the problem of hearing disability in working life and society. The consortium consists of members of the Centre of Hearing and Communication Research at the Karolinska Institutet as well as members from other areas such as epidemiology and stress research, all with an interest in hearing research from several different view points. The consortium provides a potential for synergism between research groups that are focusing on hearing research in working life.

Research projects will develop over time with a focus on work environment, risk factors, prevention of hearing loss and rehabilitation, within the following areas:

Epidemiology of hearing loss where prevalence, risk factors (noise exposures, other exposures such as solvents, stress) and genetics will be investigated, both in smaller and larger groups of noise exposed workers and in the general population in Sweden. Both screening audiograms and in depth measurements with special tests will be used.