



DNC Seminar

**” COCHLEAR IMPLANTATION AND ITS UNCONDITIONAL
PREREQUISITE :
THE NEURONS IN THE SPIRAL GANGLION”**

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**Wednesday 2nd of February
14.30-15.30**

Palle Juul-Jensen Auditorium,
Building 10G, Århus Sygehus, NBG

SYNOPSIS:

Deafness caused by degeneration or death of hair cells in the cochlea is nowadays treated by cochlear implants (CI). However, these mechanical devices are not fully capable of restoring normal stimulation and function of the neurons in the spiral ganglion (SGN). The resulting “gaps” to a certain degree are compensated by the plasticity of the brain. To improve the effects of CIs and to develop biological devices for the management of deafness in the future thorough knowledge of the SGNs is absolutely crucial. First and foremost, their survival is an absolute prerequisite for the achievement and maintenance of CI function.

We, therefore, introduce you to a giant invention, cochlear implantation, including our research on neurons from the spiral ganglion.

ALL ARE WELCOME

DNC offers refreshments afterwards

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