

1. Record Nr.	UNINA9910779512903321
Titolo	Deafness, hearing loss, and the auditory system [[electronic resource] ] / editors, Derick Fiedler and Rowland Krause
Pubbl/distr/stampa	Hauppauge, NY, : Nova Science Publishers, c2010
ISBN	1-61761-959-0
Descrizione fisica	1 online resource (411 p.)
Collana	Otolaryngology Research Advances
Altri autori (Persone)	FiedlerDerick KrauseRowland
Disciplina	617.8
Soggetti	Hearing disorders Deafness
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	<p>""DEAFNESS, HEARING LOSS AND THE AUDITORY SYSTEM""; ""DEAFNESS, HEARING LOSS AND THE AUDITORY SYSTEM""; ""CONTENTS""; ""PREFACE""; ""THE VENTRAL COMPLEX OF THE LATERAL LEMNISCUS: A REVIEW""; ""ABSTRACT""; ""LIST OF ABBREVIATIONS""; ""INTRODUCTION""; ""GENERAL OVERVIEW OF THE ASCENDING AUDITORY PATHWAY""; ""ANATOMY OF THE NUCLEI OF THE LATERAL LEMNISCUS""; ""VCLL Parcellation""; ""Ventral VNLL""; ""Anterior VNLL""; ""Dorsal VNLL""; ""Arguments for and Against the INLL Subdivision""; ""VCLL Parcellation in Echolocating Species""; ""VCLL Anatomy and Parcellation in the Rat""</p> <p>""Cytoarchitecture and Morphology of VCLL Neurons""""Cytoarchitecture and Morphology of INLL Neurons""; ""Cytoarchitecture and Morphology of VNLL Neurons""; ""Cytoarchitecture and Morphology of VCLL Neurons in the Rat""; ""TOPOGRAPHY AND TONOTOPICITY WITHIN THE VCLL""; ""Tonotopic Organisation in the VCLL""; ""Topographic Organisation of the VCLL with Respect to Inputs and Outputs""; ""Tonotopic and Topographic Organisation of the Echolocating Bat VCLL""; ""Evaluation of Tonotopic and Topographic Models""; ""CONNECTIONS OF THE VENTRAL NUCLEUS OF THE LATERAL LEMNISCUS""</p> <p>""Ascending Auditory Afferents to the VCLL""""Sources of Excitatory and Inhibitory inputs to the VCLL""; ""Major Ascending Efferents from the VCLL""; ""The VNLL is a Major Source of Inhibition to the IC""; ""Intrinsic</p>

Projections of the VCLL"; "Input from the Octopus Cell Area and Calyceal Synapses in the VCLL"; "Characteristics of Input to the VCLL from Octopus Cells"; "Characteristics of Calyceal Synapses in the VCLL Of Mammals"; "Source of VCLL Calyces"; "Neurons Receiving Calyces in the VCLL"; "RESPONSE PROPERTIES OF VCLL NEURONS"  
"Frequency Tuning Properties of VCLL Neurons"  
"Tuning Properties of VCLL Neurons in Echolocating Bats"; "Tuning Properties of VCLL Cells in Non-Echolocating Species"; "Classification of Response Types of VCLL Neurons"; "Response Types in Echolocating Species"; "Response Types in Non-Echolocating Species"; "Powerful, Fast Inhibition before First Action Potential in the VCLL"; "Correlation between Physiology and Morphology of Neurons in the VCLL"; "Binaural Responses of VCLL Neurons"; "FUNCTIONAL ROLE OF THE VCLL IN AUDITORY PROCESSING"; "CONCLUSION"; "REFERENCES"  
"NOISE-INDUCED HEARING LOSS IN YOUTH CAUSED BY LEISURE NOISE"  
"ABSTRACT"; "INTRODUCTION"; "PATHOPHYSIOLOGY AND DIAGNOSIS OF NOISE-INDUCED HEARING LOSS"; "PREVALENCE OF NOISE-INDUCED HEARING LOSS CAUSED BY LEISURE NOISE"; "LEISURE NOISE ACTIVITIES"; "1. Personal Music Players"; "1.1. Listening habits"; "1.2. Short- and long term auditory effects"; "2. Attendance of Discotheques, Nightclubs or Live Concerts"; "2.1. Attendance habits"; "2.2. Short- and long term effects"; "3. Conclusion"; "PREVENTION OF NOISE-INDUCED HEARING LOSS CAUSED BY LEISURE NOISE"  
"CASE STUDIES"

---