

1. Record Nr.	UNINA9910815387003321
Autore	Callanan Liam
Titolo	Listen : & other stories / / Liam Callanan
Pubbl/distr/stampa	Tribeca : , : Four Way Books, , [2015] ©2015
ISBN	1-935536-82-6
Descrizione fisica	1 online resource (310 p.)
Disciplina	813/.6
Soggetti	Short stories, American - 21st century
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Cover; Title Page; Contents; Swimmers; The Bear Hunter; Bedtime Story; When the Lights Go Down; Mr. Fantastic; Flush; Exhibit A; Listen; Called; This Last Thing; 140 Characters; Paper War
Sommario/riassunto	The stories in Listen demand readers do just that, as the book crosses the country-and decades-to uncover secrets characters never thought they'd share

2. Record Nr.	UNINA9910734833403321
Autore	Behl Christian
Titolo	Alzheimer's Disease Research : What Has Guided Research So Far and Why It Is High Time for a Paradigm Shift // by Christian Behl
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	3-031-31570-7
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (XXV, 652 p. 116 illus., 107 illus. in color.)
Disciplina	612.8 616.83110072
Soggetti	Neurosciences Neurology Nervous system - Diseases Cognitive neuroscience Neurophysiology Learning - Physiological aspects Memory - Physiological aspects Neuroscience Neurological Disorders Cognitive Neuroscience Learning and Memory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Introduction -- Chapter 2. The Psychiatrist and Pathologist Aloysius Alzheimer and His Seminal Findings -- Chapter 3. Alzheimer's Disease Research After 1945: The Recommencement -- Chapter 4. Alzheimer's Research Goes Deeper – Ultrastructural Electron Microscopy Studies -- Chapter 5. Focus on Neurochemistry Led to the Cholinergic Hypothesis of Alzheimer's Disease -- Chapter 6. The Glutamatergic-Hypothesis of Alzheimer's Disease -- Chapter 7. Biochemistry and Genetics Points Out a Prime Suspect for Causing Alzheimer's Disease -- Chapter 8. Getting to the Bottom of It: Amyloid Beta Peptide Is Derived from a Larger Precursor -- Chapter 9. Step by

Step Towards an Amyloid Beta Peptide-Based Hypothesis of Alzheimer's Disease -- Chapter 10. Concerns about the Amyloid Cascade Hypothesis and Reappraisals -- Chapter 11. Ignorance or Conspiracy? Or Just an Amyloid Firewall that Blocks Alternative Ideas? -- Chapter 12. In the Slip Stream of Amyloid: The Tau and Tangle Hypothesis -- Chapter 13. Focus on Tauopathies and Beyond -- Chapter 14. Alzheimer's Research Gains Momentum and Spreads Out -- Chapter 15. The Amyloid Cascade Hypothesis Has to Deliver, Finally -- Chapter 16. Beyond APP, PSEN1, PSEN2, and APOE: What Else Does the Genome Tell Us? Chapter 17. Alternative Hypotheses and Observations that were Somehow Lost on the Way -- Chapter 18. Is the Persistence of the Amyloid Cascade Hypothesis a Result of Constant Confirmation Bias? -- Chapter 19. Driving Forces of Alzheimer's Research Directions -- Chapter 20. Thirty Years after the Launch of the Amyloid Cascade Hypothesis: Is There a Shift of Gears at Last? -- Chapter 21. "If You Change the Way You Look at Things, Things You Look at Change".

Sommario/riassunto

This book highlights the key phases and central findings of Alzheimer's Disease research since the introduction of the label 'Alzheimer's Disease' in 1910. The author, Christian Behl, puts dementia research in the context of the respective zeitgeist and summarizes the paths that have led to the currently available Alzheimer's drugs. As the reader is taken through the major developments in Alzheimer's Disease research, particularly over the past thirty years, Behl poses critical questions: Why are the exact causes of Alzheimer's Disease still in the dark, despite all the immense, worldwide research efforts in academia as well as in the pharmaceutical industry? Why has the majority of an entire research field kept focusing on a single hypothesis that establishes the deposition of the amyloid beta peptide in the brain as the key trigger of Alzheimer's pathology, even though this concept has still not been convincingly proven in the clinics? Are there other hypotheses that might explain the pathogenesis of this complex brain disease, and if so, why were these perspectives not adequately followed? In this book, Behl tries to answer these questions. Starting with the historical background, the author illustrates the long and arduous research journey, its numerous setbacks, and the many alternative explanations for the disease, which have started gaining increasing attention and acceptance in the Alzheimer's research community only more recently. With his deep dive into the history and progression of this research, including the most recent developments, Behl explains why he believes that it is high time to promote a paradigm shift in Alzheimer's Disease research. The book is written for all researchers in the fields of neurobiology and neurodegeneration, as well as other biomedical fields, who would like to gain a broad and beyond the surface insight into (the key developments of) one of the most promoted research fields of our time. With its extensive literature references and over 100 illustrations, the book is also attractive for students and interested lay persons. Elaborating on all the different aspects and research approaches of this research field, the author aims to convince the reader that the underlying causes of Alzheimer's Disease may be much more complex than previously thought and that this must be considered for future research directions. While he hopes that the Alzheimer's research community is finally ready to shed its 'amyloid-straitjacket' that has hampered progress for too long, he is also convinced that a much-needed paradigm shift can guide future Alzheimer's Disease research and provide a new and broader perspective on this age-dependent brain disease.