



Cold Spring Harbor Laboratory Press (CSHL)

- Cold Spring Harbor Laboratory Press é uma editora de livros, revistas e mídia eletrônica de renome internacional, localizado em Long Island, Nova York.



- Promove o avanço e a disseminação do conhecimento científico em todas as áreas da genética e biologia molecular, incluindo biologia do câncer, ciência de plantas, bioinformática e neurobiologia.

A página inicial da editora é dividida em quatro partes:

1. Barra superior de navegação
2. Área de autenticação
3. Caixa de pesquisa básica e área de pesquisa avançada
4. Navegação entre as edições do *journal*

The screenshot shows the homepage of the journal *Learning & Memory*. The layout is divided into four main sections, each highlighted with a red box and a numbered annotation:

- 1. Barra superior de navegação:** A horizontal navigation bar at the top containing links: HOME, ABOUT, ARCHIVE, SUBMIT, SUBSCRIBE, ADVERTISE, ALERTS, CONTACT, HELP.
- 2. Área de autenticação:** A section below the navigation bar with the text "Institution: COORDENAÇÃO DE APERFEIÇOAMENTO DE PESSOAL DE NÍVEL SUPERIOR" and a "Sign In via User Name/Password" link.
- 3. Caixa de pesquisa básica e área de pesquisa avançada:** A search area on the right side with a "Search for Keyword:" input field, a "Go" button, and a link to "Advanced Search".
- 4. Navegação entre as edições do journal:** A central content area featuring the journal cover for May 2020, a list of links for the current issue (e.g., Author Information, Submit to L&M, Subscribe to L&M, L&M Archive, Search for Articles, Free Sample Issue, Special Issues, Press Releases, Alerts, Announcements, and RSS Feeds), and a list of links for "Other Cold Spring Harbor Publications".

A página de pesquisa avançada é dividida em cinco partes.

Busca por:

1. Citação
2. DOI
3. Autores e palavras chaves
4. Limitação do período de publicação
5. Formato de resultados

The screenshot shows the 'Advanced Search' interface of dot.lib. At the top, it identifies the institution as 'COORDENAÇÃO DE APERFEIÇOAMENTO DE PESSOAL DE NÍVEL SUPERIOR' and provides a login link. A search bar at the top right allows for keyword searches. The main search area is divided into five numbered sections, each highlighted with a red box:

- 1. Specify Citation:** Includes fields for 'Full Text: May 1994 - present', 'Year', 'Volume', and 'First page'.
- 2. Specify DOI:** Includes a field for 'Specify DOI' with an example: 'e.g., 10.9999/123XYZ456'.
- 3. Specify Authors, Key Words:** Includes fields for 'Author', 'Title', 'Abstract', and 'Text'. It also features radio buttons for 'words: any', 'all', and 'phrase'.
- 4. Limit Results:** Includes a field for 'Limit to dates between:' with dropdown menus for 'and'.
- 5. Format Results:** Includes radio buttons for 'standard format' and 'condensed format', a 'View' dropdown set to '10', and radio buttons for 'best match', 'newest first', and 'earliest first'.

On the right side of the page, there is a 'Help' section with links to 'Introduction', 'Main search strategies', 'Advanced search syntax', and 'Search errors'. Below this is a 'Current Issue' section for 'May 2020, 27 (5)' of 'LEARNING MEMORY', with a link to 'Alert me to new issues of Learning & Memory'. At the bottom right, there are links for 'Archive', 'Author Information', 'Subscriptions', and 'E-mail Alerts & RSS Feeds'.

A página de resultados é dividida em três partes:

1. Resultados de pesquisa
2. Tipo de visualização do conteúdo
3. Preferências de visualização e ordenação dos resultados de pesquisa

The screenshot shows the search results page for the query 'diabetes'. The page is divided into three main sections as indicated by the numbered red circles:

- 1. Results of research:** This section contains a list of search results. The first result is a research paper titled 'The impact of cardiovascular risk factors on cognition in Hispanics and non-Hispanic whites' by Ariana Stickel et al. It includes the journal name 'Learn. Mem.', volume 26, pages 235-244, and the publication date 'Published Online June 17, 2019'. Below the title, there is a summary snippet. At the bottom of the result, there are links for '» Abstract', '» Full Text', and '» Full Text (PDF)', with the 'Full Text' link highlighted by a red box and a red circle with the number 2.
- 2. Type of content visualization:** This section is located on the right side of the page, under the heading 'Modify Results'. It contains dropdown menus for 'Citation format' (set to 'standard'), 'Results / page' (set to '10'), and 'Results order' (set to 'relevance'). There is a 'Go' button below these options.
- 3. Preferences for visualization and ordering of search results:** This section is located on the far right of the page. It includes a 'Current Issue' section for 'May 2020, 27 (5)' with a 'Go' button. Below this, there is a section titled 'This search' with two options: 'Alert me when new articles matching this search are published' and 'Download all citations on this page to my citation manager'. At the bottom right, there is a logo for 'dPatch DIGITAL AMPLIFIER'.

A página do artigo é dividida em quatro partes:

1. Título e informações do artigo
2. Download em PDF
3. Conteúdo do artigo
4. Navegação entre os tópicos do conteúdo

The screenshot shows a journal article page from Cold Spring Harbor Protocols. The page is divided into several sections:

- Top Header:** Institution: COORDENAÇÃO DE APERFEIÇOAMENTO DE PESSOAL DE NÍVEL SUPERIOR. Sign In via User Name/Password. Search for Keyword: [Go] Advanced Search.
- Article Title and Authors:** **Insulin receptor substrate 2 is a negative regulator of memory formation**. Elaine E. Irvine^{1,2,3}, Laura Drinkwater¹, Kasia Radwanska⁴, Hind Al-Qassab², Mark A. Smith^{2,3}, Melissa O'Brien⁴, Catherine Kielar⁴, Agharul I. Choudhury^{2,3}, Stefan Krauss⁵, Jonathan D. Cooper⁴, Dominic J. Withers^{2,3} and Karl Peter Giese^{1,4,6}.
- Download Links:** Abstract **Free**, Full Text **Free**, Full Text (PDF) **Free**.
- Abstract:** Insulin has been shown to impact on learning and memory in both humans and animals, but the downstream signaling mechanisms involved are poorly characterized. Insulin receptor substrate-2 (Irs2) is an adaptor protein that couples activation of insulin- and insulin-like growth factor-1 receptors to downstream signaling pathways. Here, we have deleted *Irs2*, either in the whole brain or selectively in the forebrain, using the nestin Cre- or D6 Cre-deleter mouse lines, respectively. We show that brain- and forebrain-specific *Irs2* knockout mice have enhanced hippocampal spatial reference memory. Furthermore, *NesCreIrs2KO* mice have enhanced spatial working memory and contextual- and cued-fear memory. Deletion of *Irs2* in the brain also increases PSD-95 expression and the density of dendritic spines in hippocampal area CA1, possibly reflecting an increase in the number of excitatory synapses per neuron in the hippocampus that can become activated during memory formation. This increase in activated excitatory synapses might underlie the improved hippocampal memory formation observed in *NesCreIrs2KO* mice. Overall, these results suggest that *Irs2* acts as a negative regulator on memory formation by restricting dendritic spine generation.
- Navigation Menu:** Top, Abstract, Results, Discussion, Materials and Methods, Acknowledgments, Footnotes, References.
- Right Sidebar:** Current Issue (May 2020, 27 (5)), Alert me to new issues of Learning & Memory, Archive, Author Information, Subscriptions, E-mail Alerts & RSS Feeds.
- Bottom Right:** Cold Spring Harbor Protocols logo, Free Trial Available for Your Institution.

- A Dot.Lib é uma empresa brasileira dedicada à disseminação da informação científica através do fornecimento de acesso online a livros digitais, periódicos eletrônicos e bases de dados nas mais diversas áreas do conhecimento.
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