



# **Инструкция по Пользованию**

Сбор Лекций по Биомедицинским  
и Естественным Наукам

# Содержание



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- ✓ **Доступ к Сбору Лекций**
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- ✓ **Интерфейс Просмотра Лекции**

# Henry Stewart Talks

## Кто Мы ?



- ✓ Аудиовизуальные и анимированные лекции высочайшего стандарта передовых мировых специалистов включая Лауреатов Нобелевской Премии
- ✓ 1500+ Сбор Лекций по Биомедицинским и Естественным Наукам
- ✓ 700+ Сбор Лекций по Управлению и Маркетингу
- ✓ Мы всё время растём: 20+ Новых Лекций Ежемесячно
- ✓ Наша гибкость – ваше удобство: доступ сколько угодно откуда угодно когда угодно!

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- ✓ Адоптация для мобильных устройств – конец Q2 2013

# Henry Stewart Talks

## Кто Мы ?



- ✓ Группа Henry Stewart – член отдела Непрерывного Профессионального Развития (CPD) компании “London and City Group of Companies”
- ✓ Henry Stewart Conference Studies LLP, Henry Stewart Events Ltd and Henry Stewart Events Inc.  
(конференции, выставки и учебные курсы в Великобритании и США) and Henry Stewart Publications LLP (Лидер в рецензируемых профессиональных журналах)
- ✓ Компании более 40 лет

# Henry Stewart Talks

HENRY  
STEWART  
TALKS

- ✓ < 30 Странах по всему миру
- ✓ Большинство университетов Группы «Рассел»
- ✓ Ведущие университеты США
- ✓ 9 из 10 Всемирных фармацевтических компаний



STANFORD  
UNIVERSITY



# Доступ к Сбору Лекций

HENRY  
STEWART  
TALKS

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Welcome to **Henry Stewart Talks Online Collections**

We have over 2,000 online seminars by leading world experts, covering biomedicine, life sciences, management, marketing, finance and many more topics.

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### The Biomedical & Life Sciences Collection

**FREE TALK OF THE MONTH** \*

Drug Resistance in Tuberculosis and its Public Health Management

### The Marketing & Management Collection

**FREE TALK OF THE MONTH** \*

The Landscapes of China: past and present influences on society and politics

#### ABOUT HENRY STEWART TALKS

Henry Stewart Talks publishes animate visual presentations by leading world e advanced content in a user friendly form cover biomedicine, life sciences, management, marketing, finance, adve and many more topics.

[show](#)

#### TESTIMONIALS

*"It is one of the best seminar talks I have experienced. Your to-the-point teaching methods based on scientific findings w*

- \* Ежемесячно свободный доступ к одной полнометражной лекции из каждого сбора лекций

# Доступ к Сбору Лекций

Нажмите на “The Biomedical and Life Science Collection” и появится этот экран

The screenshot shows the HSTAKS website interface. At the top, there is a navigation bar with the HENRY STEWART TALKS logo and a search bar. Below the navigation bar, the main heading reads "The Biomedical & Life Sciences Collection". A blue callout box with the text "Нажмите для доступа" (Click for access) points to the "Welcome, Guest Login" link. The page features several sections: "RECENTLY ADDED TALKS" with two featured talks, "FREE TALK OF THE MONTH", and "POPULAR TALKS". The first featured talk is "The Impact of Astrocyte Mitochondrial ATP Production on Neuroprotection After Stroke" by James D. Lechleiter, Ph.D. The second is "A Paradigm Shift in the Brain-Immune Relationships: Infiltrating Macrophages in Central Nervous System Repair" by Prof. Michal Schwartz. The "FREE TALK OF THE MONTH" is "Drug resistance in tuberculosis and its public health management" by Dr. Paul Hurn. The "POPULAR TALKS" section features "Physiology of innate immunity" by Prof. Keith W. Kelley. The website is displayed in a browser window with a Windows taskbar at the bottom.

Нажмите  
для доступа

# Доступ к Сбору Лекций

- Доступ с IP адреса вуза позволит автоматически полный доступ ко всем лекциям.
- Для доступа с остальных адресов введите имя пользователя и пароль полученные вами через библиотеку или деканат.

The screenshot shows the website interface for Henry Stewart Talks. At the top left is the logo. The main header contains the text 'The Biomedical & Life Sciences Collection' and 'Online Seminars by Leading World Experts'. Below the header is a navigation menu with 'Home', 'Categories', 'Series', and 'Therapeutic Areas'. A search bar is located on the right. The main content area is titled 'Biomedical & Life Sciences: Login'. It features a login form with a message: 'Welcome back Samara State Medical University Member. Please enter your password.' The form includes fields for 'Username/Email:' and 'Password:', and a 'Login' button. To the right of the login form are three buttons: 'Apply for Free Trial', 'Recommend to Librarian', and 'Keep Me Updated'. Below these buttons is a link for 'FORGOT YOUR PASSWORD?' and a form with an 'Enter your email' field and a 'Submit' button.



# Доступ к Сбору Лекций

HENRY  
STEWART  
TALKS

- После удачной попытки доступа вы увидите приветствие с именем вашего вуза:

The screenshot shows the homepage of the Henry Stewart Talks website. At the top left is the logo. The main navigation bar includes 'Home', 'Categories', 'Series', and 'Therapeutic Areas'. A search bar is located on the right. A blue arrow points from the text above to a red-bordered box containing the user's login information: 'Welcome, Samara State Medical University Member Logout'. Below this are buttons for 'Recommend to Librarian' and 'Keep Me Updated'. The page features sections for 'RECENTLY ADDED TALKS', 'POPULAR TALKS', 'CATEGORIES', and 'RECENTLY ADDED SERIES'. The 'RECENTLY ADDED TALKS' section includes a talk by Prof. Michal Schwartz on 'A Paradigm Shift in the Brain-Immune Relationships: Infiltrating Macrophages in Central Nervous System Repair' and a talk by Prof. Keith W. Kelley on 'Physiology of Innate Immunity'. The 'POPULAR TALKS' section includes talks on 'Ca2+, the endoplasmic reticulum and cardiac pathology', 'Protease-antiprotease balance', and 'ApoE4 - The Most Prevalent Genetic Risk Factor for Alzheimer's Disease'. The 'CATEGORIES' section lists 'Biochemistry', 'Cancer', and 'Cell Biology'. The 'RECENTLY ADDED SERIES' section lists 'Tuberculosis', 'Glycobiology', and 'Calcium Signaling II'.

# Обзор Таб Home



The screenshot shows the website interface for Henry Stewart Talks. At the top, there is a navigation bar with the logo and menu items: Home, Categories, Series, and Therapeutic Areas. A search bar is located on the right side. Below the navigation bar, there is a main heading 'Welcome to The Biomedical & Life Sciences Collection' followed by a brief description. A 'RECENTLY ADDED TALKS' section features two featured talks: 'A Paradigm Shift in the Brain-Immune Relationships: Infiltrating Macrophages in Central Nervous System Repair' by Prof. Michal Schwartz and 'Physiology of Innate Immunity' by Prof. Keith W. Kelley. To the right, there is a 'FREE TALK OF THE MONTH' section featuring 'The Impact of astrocyte mitochondrial ATP production on neuroprotection after stroke' by Prof. James Lechleiter. Below the featured talks, there are sections for 'CATEGORIES' (listing Biochemistry, Cancer, Cell Biology), 'RECENTLY ADDED SERIES' (listing Tuberculosis, Glycobiology, Calcium Signaling II), and 'POPULAR TALKS' (listing 'Ca2+, the endoplasmic reticulum and cardiac pathology' and 'Protease-antiprotease').

Посоветуйте друзьям

Оставьте ОТЗЫВ

Свежие Лекции – Полный Список

Новые лекции – ежемесячно

Разделение на категории

Популярные лекции

Новые серии лекций

# Обзор Tab Categories

HENRY  
STEWART  
TALKS

The screenshot shows the website interface for Henry Stewart Talks. At the top left is the logo. The main navigation bar includes 'Home', 'Categories', 'Series', and 'Therapeutic Areas'. The current page is 'Biomedical & Life Sciences: Categories'. A search bar is located at the top right. Below the navigation, there are buttons for 'Apply for Free Trial', 'Recommend to Librarian', and 'Keep Me Updated'. The main content area is titled 'CATEGORIES IN THIS COLLECTION' and lists various scientific fields. On the right, there are sections for 'FREE TALK OF THE MONTH' and 'POPULAR TALKS', each featuring a video thumbnail and a brief description of the talk.

Henry Stewart Talks

The Biomedical & Life Sciences Collection

Home Categories Series Therapeutic Areas

Home / Categories

Biomedical & Life Sciences: **Categories**

Share: | more

CATEGORIES IN THIS COLLECTION

- Biochemistry
- Cancer
- Cell Biology
- Diseases, Disorders & Treatments
- Drug Discovery
- Genetics
- Immunology
- Methods
- Microbiology & Virology
- Neurobiology
- Pharmaceutical Science

Online Seminars by Leading World Experts

Search

Welcome, Guest  
Login

Apply for Free Trial

Recommend to Librarian

Keep Me Updated

FREE TALK OF THE MONTH

The Impact of astrocyte mitochondrial ATP production on neuroprotection after stroke Prof. James Lechleiter

POPULAR TALKS

Ca<sup>2+</sup>, the endoplasmic reticulum and cardiac pathology Prof. Marek Michalak

Protease-antiprotease balance Prof. Robert Stockley

ApoE4 - The Most Prevalent Genetic Risk Factor for Alzheimer's Disease Prof. Daniel Michaelson

Смотрите на полный  
перечень лекций по  
категориям

# Обзор Таб Categories

HENRY  
STEWART  
TALKS

Категория  
Биохимия

Алфавитное  
разделение  
на серии  
категории

hstalks.com/main/browse\_series.php?j=755&c=252

Home / Biochemistry

Category: **Biochemistry**

Home / Categories / Series / Therapeutic Areas

Search

Welcome, HST Israel Member  
Login Register

Recommend to Librarian

Keep Me Updated

Share: [Icons]

Arrange By: Alphabet

SERIES IN THIS CATEGORY

**A**

**Alzheimer's Disease**  
Neurobiology, pathology and treatment

**Apoptosis**  
Fundamentals, Pathways, Clinical Applications and Role in Disease

**B**

**The Blood-Brain Barrier**  
Understanding the regulatory gatekeeper between brain and body

**C**

**Calcium Signaling I**  
Regulation, Mechanisms, Effectors, Role in Disease and Recent Advances

**Chloroplast**  
The Organelle that Sustains Us

Autoimmunity  
Etiology, pathogenesis, clinical manifestation and diagnostic methodologies.

RECENTLY ADDED TALKS [View All](#)

Mechanisms Regulating STIM Expression and Function in Ca<sup>2+</sup> Signaling  
Dr. Jonathan Soboloff

A-to-I RNA editing in human disease  
Prof. Kazuko Nishikura

Regulation of the immune response to pathogens - Part 2 of 2  
Prof. Ann O'Garra

Возможности показа списка лекций: алфавитно, опубликованные или нет, по году публикации, по терапевтической области

# Обзор Таб Categories

## Деление по терапевтической области

HENRY  
STEWART  
TALKS

The screenshot shows the HST website interface. At the top, there's a navigation bar with 'Home', 'Categories', 'Series', and 'Therapeutic Areas'. The 'Categories' tab is active, and the current category is 'Biochemistry'. A red box highlights the 'Category: Biochemistry' label. Below the navigation bar, there's a search bar and a 'Welcome, HST Israel Member' message. The main content area is titled 'SERIES IN THIS CATEGORY' and features a dropdown menu for 'Arrange By: Therapeutic Area', which is also highlighted with a red box. The page lists several series under the 'Biopharmaceuticals' section, including 'Apoptosis', 'Autoimmunity', 'Calcium Signaling I', 'Calcium Signaling II', 'Cytokines', and 'Drug Metabolizing Enzymes'. On the right side, there's a 'RECENTLY ADDED TALKS' section with three featured talks, each with a video thumbnail and a title.

# Обзор Tab Series

HENRY  
STEWART  
TALKS

Развернутый  
перечень

The screenshot shows the website interface for Henry Stewart Talks. At the top, there is a navigation bar with the logo and menu items: Home, Categories, Series, and Therapeutic Areas. Below the navigation bar, the main heading reads "Biomedical & Life Sciences: All Series". A search bar is located on the right side of the page. The main content area is titled "SERIES IN THIS COLLECTION" and is sorted by "Alphabet". The series are listed in two columns under the letter "A".

Series Name	Description
Advances in Asthma	New mechanisms, management strategies and treatments.
Advances in Chronic Obstructive Pulmonary Disease (COPD)	New mechanisms, management strategies and treatments.
Agricultural Genetics	Understanding and improving plants and animals for food and agriculture.
Alzheimer's Disease	Neurobiology, pathology, and treatment.
Antibiotic Resistance	From genes to global prevalence.
Antivirals	Latest Developments and Future Progress.
Apoptosis	Fundamentals, Pathways, Clinical Applications and Role in Disease.
Applied Pharmacometrics	
Autism and Autism Spectrum Disorders	History, Diagnosis, Neurobiology, Treatment and Outcome.
Autoimmunity	Etiology, pathogenesis, clinical manifestation and diagnostic methodologies.
Bayesian Methods in Health Economics	A short course.
Biomarkers	The path forward to highly sensitive and specific molecular diagnostics.

On the right side of the page, there are sections for "FREE TALK OF THE MONTH" and "POPULAR TALKS". The "FREE TALK OF THE MONTH" section features a talk titled "The Impact of astrocyte mitochondrial ATP production on neuroprotection after stroke" by Prof. James Lechleiter. The "POPULAR TALKS" section includes "Ca2+, the endoplasmic reticulum and cardiac pathology" by Prof. Marek Michalak, "Protease-antiprotease balance" by Prof. Robert Broekley, and "APOE4 - The Most Prevalent Genetic Risk Factor for Alzheimer's Disease" by Prof. Daniel M. Stenerson.

Полный перечень лекций  
разделенный на темовые сериалы  
и представленный алфавитно

# Обзор Tab Series

HENRY  
STEWART  
TALKS

The Biomedical & Life Sciences Collection

Home / All Series

Biomedical & Life Sciences: **All Series**

Share: | more

Apply for Free Trial

Recommend to Librarian

Keep Me Updated

WELCOME, Guest  
Login

FREE TALK OF THE MONTH

POPULAR TALKS

Arrange By: Publication Date / Updated

**Collapse All** | Expand All

2013

2012

2011

2010

2009

2008

2007

2004

Back to top

The Impact of astrocyte mitochondrial ATP production on neuroprotection after stroke  
Prof. James Lechleiter

Ca<sup>2+</sup>, the endoplasmic reticulum and cardiac pathology  
Prof. Marek Michalak

Protease-antiprotease balance  
Prof. Robert Stockley

ApoE4 - The Most Prevalent Genetic Risk Factor for Alzheimer's Disease  
Prof. Dan

Полный перечень лекций в свернутом виде и представленный по году выпуска

# Обзор Таб Therapeutic Areas

HENRY  
STEWART  
TALKS

The screenshot shows a web browser window with the URL [hstalks.com/main/browse\\_therapeutic\\_areas.php?c=252](http://hstalks.com/main/browse_therapeutic_areas.php?c=252). The page title is "The Biomedical & Life Sciences Collection". The navigation menu includes "Home", "Categories", "Series", and "Therapeutic Areas". The main heading is "Biomedical & Life Sciences: Therapeutic Areas". Below this, there are two columns of links under the heading "THERAPEUTIC AREAS IN THIS COLLECTION". The left column lists: Biopharmaceuticals, Cardiovascular and Metabolic, Dermatology, HIV, Immunotherapy, and Infectious Disease. The right column lists: Neurosciences, Oncology, Ophthalmology, Other Vaccines, Pediatric Vaccines, and Respiratory and Immunoinflammatory. On the right side of the page, there are buttons for "Recommend to Librarian" and "Keep Me Updated", and a section for "POPULAR TALKS" featuring three video thumbnails with titles like "Physiology of innate immunity", "Ca<sup>2+</sup>, the endoplasmic reticulum and cardiac pathology", and "Protease / Antiprotease Balance".

Смотрите на полный  
перечень лекций по  
терапевтическим областям



# Обзор Таб Therapeutic Areas

## Пример: Онкология

HENRY  
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TALKS

Окно поиска в определенной терапевтической области

Перечен лекций по году выпуска

Возможность организовать перечень по году выпуска, алфавиту, сериалам и продолжительности лекций

The Biomedical & Life Sciences Collection

Home Categories Series Therapeutic Areas

Therapeutic Area: **Oncology**

Search within this Therapeutic Area

Talks (294) Series (38)

Filter listing:

Arrange By: **Date**

DATE PUBLISHED / UPDATED	Count
2013	1 (1)
2012	12 (21)
2011	11 (24)
2010	10 (32)
2009	9 (97)
2008	14
2007	105

**CATEGORIES**

- Biochemistry (124)
- Cancer (77)
- Cell Biology (70)
- Diseases, Disorders & Treatments (85)
- Drug Discovery (61)
- Genetics (84)
- Immunology (30)

**2013**

1. Triggering receptors expressed on myeloid cells (TREM) (69 mins)

Speakers: Dr. Daniel W. McVicar –  
Series: Macrophage Heterogeneity and Function  
Relevant extract: TREM-Discovery - Genomic organization and expression-TREM-Like Transcripts (TLT) - 6-extract: TREM-like Transcript-4 (TREM4) in antigen capture and processing - TREM-like Transcript (TLT) 2 in neutrophil a... more

**2012**

2. Pharmacogenomics: emphasis on clinical drug development (31 mins)

Speakers: Dr. Amelia Warner – Merck & Co, USA  
Series: Biomarkers  
Relevant extract: The promise of genomics - The complexity in predicting therapy - Pharmacogenomic data impact & implementation barriers - Opportunity of personalized medicine - Costs of genomic technologies and the... more

# Обзор Таб Therapeutic Areas Фильтрование Перечня Лекций

HENRY  
STEWART  
TALKS

The screenshot displays the 'Therapeutic Areas' page on hstasks.com. The page is filtered to show 'Talks (294)'. The main content area lists talks by year, with the 2013 section expanded to show four items:

- 1. Triggering receptors expressed on myeloid cells (TREM) (69 mins)  
Speakers: Dr. Daniel W. McVicar –  
Series: Macrophage Heterogeneity and Function  
Relevant extract: TREM-Discovery - Genomic organization and expression-TREM-Like Transcripts (TLT) - G-extract TREM-like Transcript-4 (TREM4) in antigen capture and processing - TREM-like Transcript (TLT) 2 in neutrophil a... more
- 2. Pharmacogenomics: emphasis on clinical drug development (31 mins)  
Speakers: Dr. Amelia Warner – Merck & Co, USA  
Series: Biomarkers  
Relevant extract: The promise of genomics - The complexity in predicting therapy - Pharmacogenomic data impact & implementation barriers - Opportunity of personalized medicine - Costs of genomic technologies and the... more
- 3. The gamma c family of cytokines (38 mins)  
Speakers: Dr. Warren J. Leonard – National Institutes of Health, USA  
Series: Cytokines  
Relevant extract: The gamma c family of cytokines - General features of cytokines - Cytokine and cytokine receptor pleiotropy and redundancy - The gamma c family of cytokines and its relationship to X-linked severe... more
- 4. Interleukin-7 and T cells (23 mins)

On the right side, there are three filter sections:

- Filter listing:** DATE PUBLISHED / UPDATED
  - 2013 (1)
  - 2012 (21)
  - 2011 (24)
  - 2010 (32)
  - 2009 (97)
  - 2008 (14)
  - 2007 (105)
- CATEGORIES**
  - Biochemistry (124)
  - Cancer (77)
  - Cell Biology (79)
  - Diseases, Disorders & Treatments (85)
  - Drug Discovery (51)
  - Genetics (84)
  - Immunology (30)
  - Methods (24)
  - Microbiology & Virology (14)
  - Neurobiology (33)
  - Pharmaceutical Science (53)
- TALK DURATION**
  - 0-30 mins (43)
  - 31-45 mins (132)
  - 46+ mins (119)

Возможность  
фильтровать  
перечень по году  
выпуска

Возможность  
фильтровать  
перечень по  
категориям

Возможность  
фильтровать  
перечень по  
продолжитель-  
ности лекции

# Обзор Таб Therapeutic Areas Результат Фильтрования – Год выпуска 2010



Отмена  
фильтровки

Добавление  
дополнительной  
фильтровки

# Поиск Лекции

HENRY  
STEWART  
TALKS

The screenshot shows the Henry Stewart Talks website interface. At the top, there is a navigation bar with the logo and menu items: Home, Categories, Series, and Therapeutic Areas. Below the navigation bar, a welcome message reads: "Welcome to The Biomedical & Life Sciences Collection. This collection of specially prepared animated audio visual presentations with synchronized narration is regularly updated and growing with over 1,500 talks." A search bar is located in the top right corner, with the text "Online Seminars by Leading World Experts" above it. The search bar contains the text "al" and a dropdown menu shows search suggestions: alzheimers, asthma allergy, Alzheimers disease, Alzheimer's disease, alzheimer, Alzheimer disease, allosteric, and als. A callout box points to this search bar with the text "Основной поиск лекций". Below the search bar, there are sections for "RECENTLY ADDED TALKS" and "POPULAR TALKS". The "RECENTLY ADDED TALKS" section features two main talk cards. The first card is titled "A Paradigm Shift in the Brain-Immune Relationships: Infiltrating Macrophages in Central Nervous System Repair" by Prof. Michal Schwartz. The second card is titled "Physiology of Innate Immunity" by Prof. Keith W. Kelley. The "POPULAR TALKS" section lists three talks: "Ca<sup>2+</sup>, the endoplasmic reticulum and cardiac pathology" by Prof. Marek Mlodnicki, "Protease-antiprotease balance" by Prof. Robert Stockley, and "ApoE4 - The Most Prevalent Genetic Risk Factor for Alzheimer's Disease" by Prof. Daniel M. Holtzman. On the left side of the page, there are sections for "CATEGORIES" and "RECENTLY ADDED SERIES". The categories listed are Biochemistry, Cancer, and Cell Biology. The recently added series listed are Tuberculosis, Glycobiology (with a sub-description: "The discovery of glycan function and its fundamental applications"), and Calcium Signaling II.

Основной поиск лекций

# Поиск Лекции, Фильтр и Демонстрация Результатов



Перечень лекций содержащих ключевые слова

Перечень сериалов содержащих ключевые слова

Дополнительное фильтрование результатов поиска

Дополнительное фильтрование результатов поиска по году выпуска, категории и продолжительности

The screenshot shows the search results for 'Alzheimers disease' on the Henry Stewart Talks website. The search bar contains 'Alzheimers disease' and is highlighted with a red box. Below the search bar, there are tabs for 'Talks (52)' and 'Series (5)'. The results are sorted by 'Relevance'. Three results are visible:

- 1. Genetics of early onset Alzheimer's disease (35 mins)**  
Speakers: Dr. Ekaterina Rogaeva - University of Toronto, Canada  
Series: Alzheimer's Disease  
Relevant: Role of amyloid precursor protein (APP) in Alzheimer's Disease (AD) - Presentins as AD causing... of Toronto, most notably on Alzheimer's Disease. Dr. Rogaeva is the author of 140 peer-reviewed... of familial Alzheimer's Disease in clinical practice... more
- 2. Alzheimer's disease: where are we up to? (30 mins)**  
Speakers: Prof. John Hardy - Institute of Neurology, University College London, UK  
Series: Alzheimer's Disease  
Relevant: Alzheimer's Disease Overview - Recent progress - Early diagnosis - Etiology - Pathogenesis... on Alzheimer's Disease. In 1996 he moved to the Mayo Clinic in Jacksonville, Florida, as Consultant... Alzheimer's Disease researcher in the UK (5th internationally). In recognition of his exceptional... more
- 3. Immunotherapy as an approach to treating Alzheimer's disease (40 mins)**  
Speakers: Prof. David Morgan - Byrd Alzheimer Institute, University of South Florida, USA  
Series: Alzheimer's Disease  
Relevant: Alzheimer's Disease - Immunization with amyloid-beta (A-beta) - Radial arm water maze - extract Clinical Alzheimer's Disease and develop novel therapies for this disorder. 1


On the right side, there are filters for 'DATE PUBLISHED / UPDATED' (2013 (1), 2012 (4), 2011 (8), 2010 (10), 2009 (4), 2008 (9), 2007 (18)) and 'CATEGORIES' (Biochemistry (43), Cancer (4), Cell Biology (10), Diseases, Disorders & Treatments (44), Drug Discovery (1), Genetics (14), Immunology (3), Methods (1), Neurobiology (36), Pharmaceutical Science (1)).

# Интерфейс Просмотра Лекции

- Индекс слайдов синхронизирован с голосом лектора и позволяет прослушивание одного выбранного слайда
- Размер просмотра

Discovery - detection - functional interpretation (1)

- del Rio-Hortega - description of 'microglia' around 1920



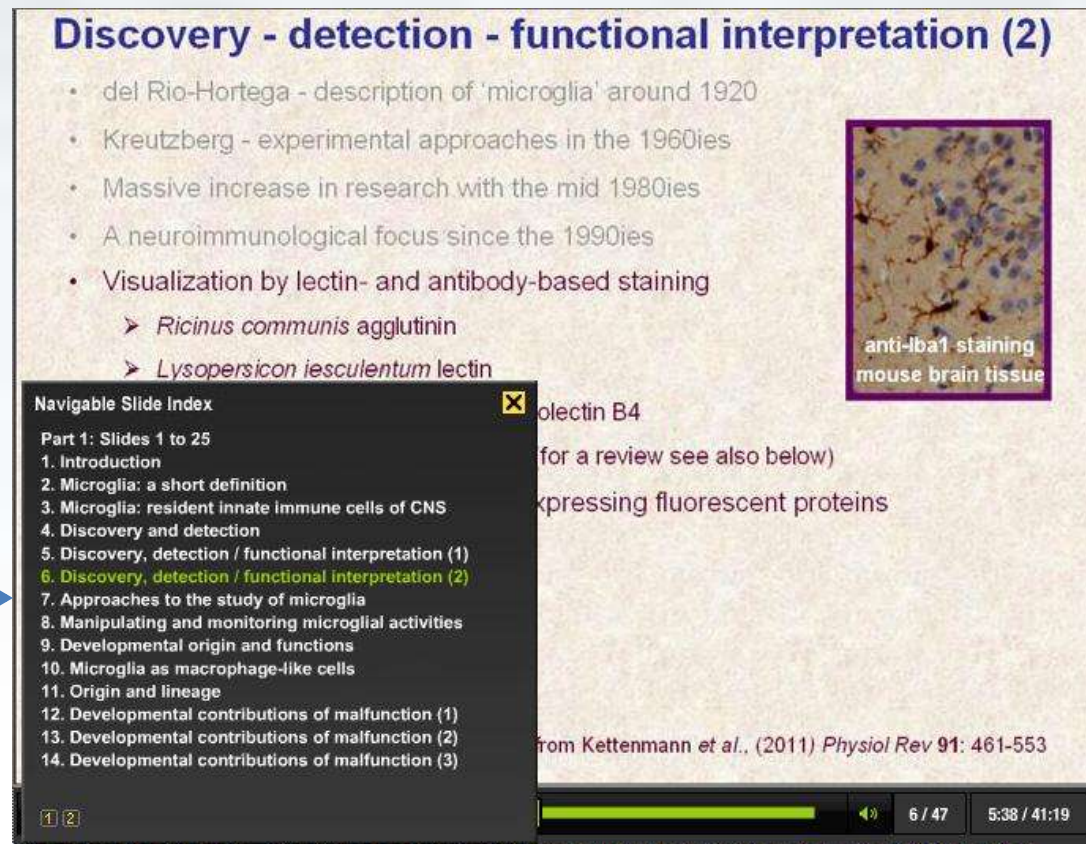
Pio del Rio-Hortega  
(1882-1945)

INDEX CHANGE VIEW || ■ ◀ ▶ ———▶ 🔊 5 / 47 2:50 / 41:19

The screenshot shows a presentation slide with a light beige background. At the top, the title 'Discovery - detection - functional interpretation (1)' is displayed in a dark blue font. Below the title, there is a single bullet point: '• del Rio-Hortega - description of 'microglia' around 1920'. In the lower right quadrant of the slide, there is a small, square, black and white portrait of a man with a mustache, identified as Pio del Rio-Hortega. Below the portrait, his name and dates '(1882-1945)' are written in a small black font. At the bottom of the slide, there is a dark control bar. On the left, there are two buttons: 'INDEX' and 'CHANGE VIEW'. To their right are standard media control icons: a play/pause button, a stop button, a previous button, and a next button. A green progress bar is located to the right of these icons. Further right, there is a volume icon and the text '5 / 47'. On the far right of the control bar, the current time '2:50' and total time '41:19' are displayed. Two blue arrows originate from the text in the top-left corner of the image. One arrow points from the text 'Индекс слайдов...' to the 'INDEX' button. The other arrow points from the text 'Размер просмотра' to the 'CHANGE VIEW' button.

# Интерфейс Просмотра Лекции

- Индекс слайдов синхронизирован с голосом лектора и позволяет прослушивание одного выбранного слайда или синхронного передвижения между слайдами.



**Discovery - detection - functional interpretation (2)**

- del Rio-Hortega - description of 'microglia' around 1920
- Kreutzberg - experimental approaches in the 1960ies
- Massive increase in research with the mid 1980ies
- A neuroimmunological focus since the 1990ies
- Visualization by lectin- and antibody-based staining
  - *Ricinus communis* agglutinin
  - *Lysopersicon iesculentum* lectin

anti-Iba1 staining mouse brain tissue

olectin B4

for a review see also below

expressing fluorescent proteins

from Kettenmann *et al.*, (2011) *Physiol Rev* 91: 461-553

1 2

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Talk: **Genetics of early onset Alzheimer's disease** (35 min)

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**To learn about:**

1. Contribution of *APP*, *PSEN1* and *PSEN2* genes in early-onset Alzheimer Disease (AD)
2. Why do these mutations lead to AD?
3. Phenotypic variability in early-onset AD

**ABOUT THIS TALK**

**Speaker(s)**  
Dr. Ekaterina Rogaeva

**Publication Date**  
August, 2010

**Topics Covered**  
Role of amyloid precursor protein (APP) in Alzheimer's Disease (AD)... more

**Series**  
Alzheimer's Disease

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**DETAILED SLIDE INDEX**

1. Introduction
2. Objectives

**TALK'S CITATION**

Rogaeva, E. (2010). 'Genetics of early onset Alzheimer's disease in Hardy, J. (ed), Alzheimer's Disease: Neurobiology, pathology

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