



The Biomedical & Life Sciences Collection

Content



- **Henry Stewart Talks**
- **Simple Access**
- **Overview of Landing Page, Tabs and Filters**
- **Search**
- **Browser**

The Biomedical & Life Sciences Collection

HENRY

STEWART

TALKS

- The collection provides immediate access to *over* 1,600 seminar style talks.
- These talks are specially commissioned by many of the leading world experts in their fields, including Nobel Laureates.
- The collection is organized into *over* 80 comprehensive series.
- Each month the collection is updated with approximately 15 additional talks.
- The talks are available anywhere there is an Internet connection.

The Biomedical & Life Sciences Collection

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Who are our subscribers?

- Subscribing institutions in over 40 countries
- Most members of the Russell Group
- Leading universities and research institutions worldwide
- 9 of the top 10 global pharmaceutical companies

Access to the collection:

Access link: www.hstalks.com

The screenshot shows the website interface with a navigation bar, a main header, and two featured collection cards. The 'Free Talk of the Month' is highlighted with a red box and an asterisk on both cards.

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.

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

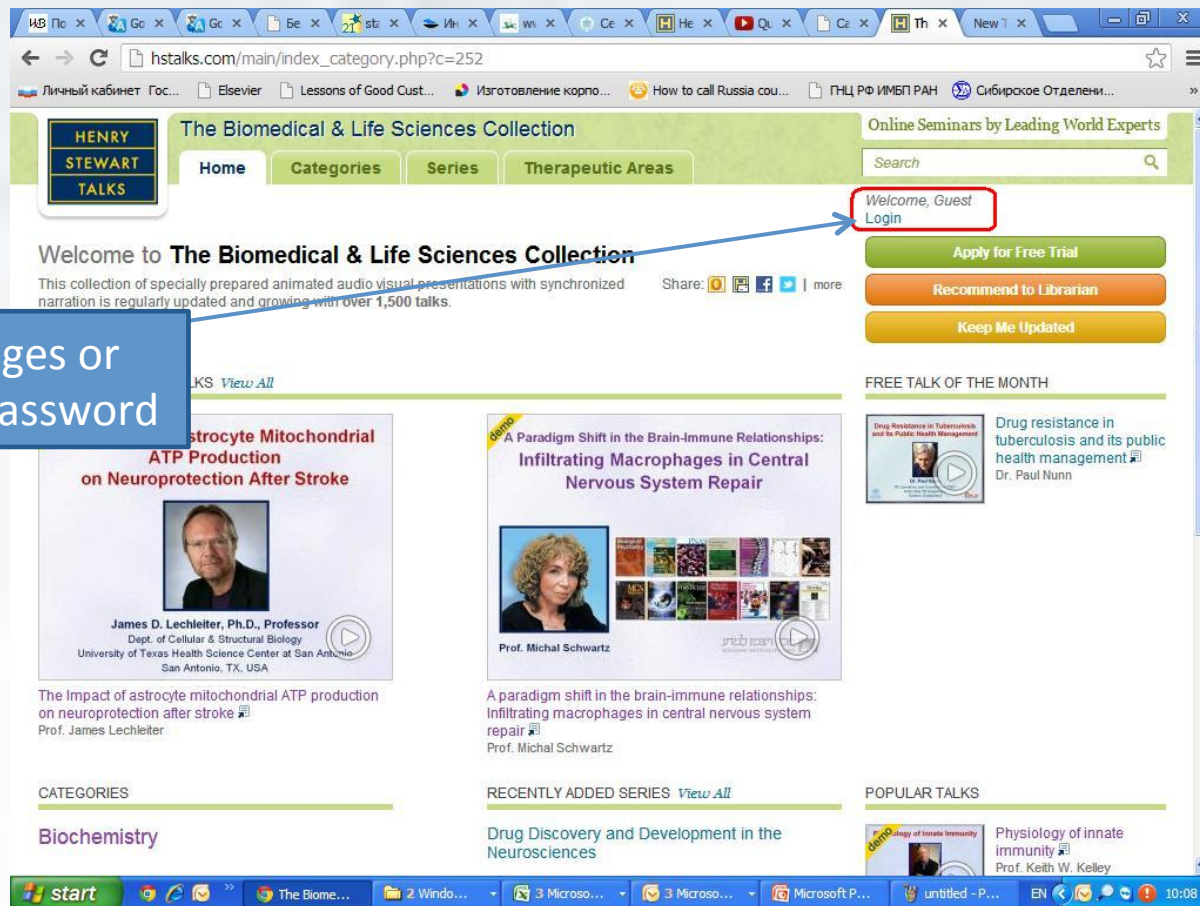
ABOUT HENRY STEWART TALKS
 Henry Stewart Talks publishes animated visual presentations by leading world experts covering advanced content in a user-friendly form covering biomedicine, life sciences, management, marketing, finance, and many more topics.

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

Free talk of the month

The Biomedical & Life Sciences Collection

Click on “The Biomedical and Life Sciences Collection” and this screen will appear:



Access via IP ranges or
username and password

The Biomedical & Life Sciences Collection

- Access via IP ranges will automatically give access to all 1,600 plus talks in the collection
- Access is also available via username and password as agreed upon with the subscribing institution

The screenshot shows the website interface for the Biomedical & Life Sciences Collection. At the top left is the Henry Stewart Talks logo. The main navigation bar includes 'Home', 'Categories', 'Series', and 'Therapeutic Areas'. A search bar is located on the right side of the navigation bar. Below the navigation bar, the page title is 'Biomedical & Life Sciences: Login'. The main content area features a login form with a welcome 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, there 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.

Henry Stewart Talks

The Biomedical & Life Sciences Collection

Home Categories Series Therapeutic Areas

Home / Login

Online Seminars by Leading World Experts

Search

Welcome, Guest
Login

Apply for Free Trial

Recommend to Librarian

Keep Me Updated

FORGOT YOUR PASSWORD?

Enter your email

Submit

Biomedical & Life Sciences: **Login**

Welcome back Samara State Medical University Member. Please enter your password.

Username/Email:

Password:

Login

The Biomedical & Life Sciences Collection

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TALKS

- Once login has been achieved, you are greeted with the name of your institution

The screenshot displays the website interface for 'The Biomedical & Life Sciences Collection'. At the top left is the 'HENRY STEWART TALKS' logo. The main navigation bar includes 'Home', 'Categories', 'Series', and 'Therapeutic Areas'. A search bar is located on the right, with the text 'Online Seminars by Leading World Experts' above it. Below the search bar, a user is logged in, with a red box highlighting the text: 'Welcome, Samara State Medical University Member Logout'. Below this, there are two buttons: 'Recommend to Librarian' and 'Keep Me Updated'. The main content area is divided into 'RECENTLY ADDED TALKS' and 'POPULAR TALKS'. Under 'RECENTLY ADDED TALKS', there are 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. Under 'POPULAR TALKS', there are three featured talks: 'Ca2+, the endoplasmic reticulum and cardiac pathology' by Prof. Marek Michalek, 'Protease-antiprotease balance' by Prof. Robert Stockley, and 'ApoE4 - The Most Prevalent Genetic Risk Factor for Alzheimer's Disease' by Prof. Daniel Michaelson. At the bottom, there are sections for 'CATEGORIES' (Biochemistry, Cancer, Cell Biology) and 'RECENTLY ADDED SERIES' (Tuberculosis, Glycobiology, Calcium Signaling II).

The Landing Page: Home



The screenshot shows the website's home page with the following elements:

- Navigation:** Home, Categories, Series, Therapeutic Areas
- Search:** Search bar with a magnifying glass icon.
- Welcome:** "Welcome to The Biomedical & Life Sciences Collection" with a brief description and social media share buttons.
- RECENTLY ADDED TALKS:** A list of talks with a "View All" link. Two featured talks are shown:
 - Recent Talks: full listing:** "A Paradigm Shift in the Brain-Immune Relationships: Infiltrating Macrophages in Central Nervous System Repair" by Prof. Michal Schwartz.
 - Series listing according to category...:** "Physiology of Innate Immunity" by Prof. Keith W. Kelley, Ph.D.
- FREE TALK OF THE MONTH:** "The Impact of astrocyte mitochondrial ATP production on neuroprotection after stroke" by Prof. James Lechleiter.
- POPULAR TALKS:** A list of popular talks with a "View All" link. Two featured talks are shown:
 - Most popular Talks:** "Ca²⁺, the endoplasmic reticulum and cardiac pathology" by Prof. Marek Michalak.
 - Most recently added series:** "Protease-antiprotease" (part of a series).
- CATEGORIES:** Biochemistry, Cancer, Cell Biology.
- RECENTLY ADDED SERIES:** Tuberculosis, Glycobiology, Calcium Signaling II.

Share with colleagues and students

Leave a comment

Recent Talks: full listing

Series listing according to category...

Register to receive monthly updates

Most popular Talks

Most recently added series

Overview of the Tab: Categories

HENRY
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The Biomedical & Life Sciences Collection

Home Categories Series Therapeutic Areas

Home / Categories

Biomedical & Life Sciences: **Categories**

Share: | more

CATEGORIES IN THIS COLLECTION

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

Online Seminars by Leading World Experts

Search

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FREE TALK OF THE MONTH

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

POPULAR TALKS

Ca²⁺, 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

Full series listing according to category...

Overview of the Tab: Categories

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Category:
Biochemistry

The Biomedical & Life Sciences Collection

Home Categories Series Therapeutic Areas

Category: Biochemistry

Home / Biochemistry

Welcome, HST Israel Member
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Arrange By: Alphabet

RECENTLY ADDED TALKS [View All](#)

Collapse All | Expand All

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

Autoimmunity
Etiology, pathogenesis, clinical manifestation and diagnostic methodologies

Chloroplast
The Organelle that Sustains Us

Mechanisms Regulating STIM Expression and Function in Ca²⁺ Signaling
Dr. Jonathan Soboloff

Alto-I RNA Editing in Human Disease
Prof. Kazuko Nishikura

Regulation of the immune response to pathogens Part 2 of 2
Prof. Anne Corbett

Regulation of the Innate Response to Pathogens
Part 1 of 2
Prof. Anne Corbett

published

Listing of all
of the Series
in this
Category...

The Talks in each Category can be arranged alphabetically; according to "Therapeutic Areas"; by year of publication or update; or published/not published

Overview of the Tab: Categories Division by “Therapeutic Areas”

HENRY
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hstalks.com/main/browse_series.php?j=755&c=252&arrange=therap

Henry Stewart Talks

The Biomedical & Life Sciences Collection

Home Categories Series Therapeutic Areas

Home / Biochemistry

Category: **Biochemistry**

Welcome, HST Israel Member
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SERIES IN THIS CATEGORY

Arrange By Therapeutic Area

RECENTLY ADDED TALKS View All

Biopharmaceuticals

Apoptosis
Fundamentals, Pathways, Clinical Applications and Role in Disease

Autoimmunity
Etiology, pathogenesis, clinical manifestation and diagnostic methodologies

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

Calcium Signaling II
Calcium and Disease

Cytokines
Intercellular mediators regulating host defense

Drug Metabolizing Enzymes
Fundamentals, Study Methods, Recent Advances and Clinical Significance

The Mechanisms of Ribosome Function
Insights into protein synthesis

Mitochondrial Biogenesis
Processes, Regulation, Functions and Disease

Molecular Chaperones
Principles and Diseases

Neurodegenerative Diseases
Fundamentals, Research Methods, Latest Advances

Prions and Amyloids
Self-propagating protein structures in mammals, yeast and fungi

Protein Epidemiology
Understanding Human Diseases at the Level of Protein Structure and Function

Protein Folding, Aggregation and Design

Mechanisms Regulating STIM Expression and Function in Ca²⁺ 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. Anne O'Garra

Overview of Tab: Series



The Biomedical & Life Sciences Collection

Home / All Series

Home Categories Series Therapeutic Areas

Online Seminars by Leading World Experts

Search

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Biomedical & Life Sciences: All Series

Share: | more

SERIES IN THIS COLLECTION

Arrange By: Alphabet

Collapse All

A

- 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

FREE TALK OF THE MONTH

POPULAR TALKS

- The Impact of astrocyte mitochondrial ATP production on neuroprotection after stroke**
Prof. James Lechleiter
- Ca²⁺, 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

Detailed listing of all of the Series...

The Series in each Category can be arranged alphabetically; according to "Therapeutic Areas" by year of publication; or status

Overview of the Tab: Series

HENRY
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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'. A search bar is on the 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 'Biomedical & Life Sciences: All Series'. A list of years from 2013 to 2004 is shown on the left. A red box highlights the 'Collapse All' and 'Expand All' links, with a blue arrow pointing to a callout box. The callout box contains the text 'A complete listing presented by year of release...'. On the right, there are sections for 'FREE TALK OF THE MONTH' and 'POPULAR TALKS'.

Henry Stewart Talks

The Biomedical & Life Sciences Collection

Home Categories Series Therapeutic Areas

Home / All Series

Online Seminars by Leading World Experts

Search

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Biomedical & Life Sciences: All Series

Share: | more

SERIES IN THIS COLLECTION

Arrange By: Publication Date / Updated

[Collapse All](#) | [Expand All](#)

2013

2012

2011

2010

2009

2008

2007

2004

Back to top

FREE TALK OF THE MONTH

The Impact of astrocyte mitochondrial ATP production on neuroprotection after stroke

Prof. James Lechleiter

POPULAR TALKS

Ca²⁺, 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 Munnellson

A complete listing presented by year of release...

Overview of the Tab: Therapeutic Areas

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hstalks.com/main/browse_therapeutic_areas.php?c=252

Личный кабинет Гос... Elsevier Lessons of Good Cust... Изготовление корпо... How to call Russia cou... ГИЦ РФ ИМБП РАН Сибирское Отделени...

HENRY STEWART TALKS

The Biomedical & Life Sciences Collection

Home Categories Series **Therapeutic Areas**

Home / Therapeutic Areas

Online Seminars by Leading World

Search

Welcome, HST Israel Member
Login Register

Recommend to Librarian

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Biomedical & Life Sciences: Therapeutic Areas

Share:

THERAPEUTIC AREAS IN THIS COLLECTION

Biopharmaceuticals	Neurosciences
Cardiovascular and Metabolic	Oncology
Dermatology	Ophthalmology
HIV	Other Vaccines
Immunotherapy	Pediatric Vaccines
Infectious Disease	Respiratory and Immunoinflammatory

POPULAR TALKS

- Physiology of innate immunity
Prof. Keith W. Kelley
- Ca²⁺, the Endoplasmic Reticulum and Cardiac Pathology
Prof. Marek Michalak
- Protease / Antiprotease Balance
Prof. Robert Stockler

A full listing of individual Talks
divided according to
"Therapeutic Areas"...

Overview: Therapeutic Areas

Case in point: Oncology

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Search within a particular Therapeutic Area

Talks divided by year...

The results can be arranged alphabetically; by year of release; by Series; or by length of Talk

hstalks.com/main/browse_therapeutic_area_talks.php?id=8&c=252&type=TALK&mode=AND&page=1&sort=last_updated%2CDESC

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

- 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 (61)
- Genetics (84)
- Immunology (30)

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-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

Overview of the Tab: Therapeutic Areas

Filtering the list of Talks

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The screenshot shows the hstalks.com website interface. At the top, there are tabs for 'Talks (294)' and 'Series (38)'. The main content area displays a list of talks, with the first two visible:

- 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-TREM-like Transcript-4 (TREML4) 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
 - 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)
 - Speakers: Dr. Scott Durham – National Cancer Institute, NIH, USA

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 (61)
 - Genetics (84)
 - Immunology (30)
 - Methods (24)
 - Microbiology & Virology (14)
 - Neurobiology (33)
 - Pharmaceutical Science (63)
- TALK DURATION**
 - 0-30 mins (43)
 - 31-45 mins (132)
 - 46+ mins (119)

At the bottom, the Windows taskbar is visible with the start button and several open applications.

Filter by year of release/update

Filter by Category

Filter by length of Talk

Overview : Therapeutic Areas

How to use the filter

Example: Filtering for 2010

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Cancel filter

Therapeutic Area: **Oncology**

Search within this Therapeutic Area

Talks (32) Series (6) Share: [Icons]

FILTERED BY: 2010 Arrange By: Date

2010

1. Three decades of protein phosphorylation and cancer: The identification and characterization of the src gene product (21 mins)

Speakers Prof. Raymond Erikson – Harvard University, USA

Series Protein Phosphorylation

Relevant extract The avian sarcoma virus genome and its products - Cellular responses to the viral oncoprotein, Src - The search for the ASV src gene product - The RNA genome of avian sarcoma virus - Searching for ... more

2. Modular Protein-Protein Interactions Provide a General Mechanism to Organize Dynamic Cellular Systems (51 mins)

Speakers Prof. Tony Pawson – Samuel Lunenfeld Research Institute of Mt. Sinai Hospital, Canada

Series Protein Phosphorylation

Signal Transduction via Protein Tyrosine Kinase Receptors

Relevant extract Mechanisms through which protein interactions modules, such as the SH2 domain, mediate the activation of specific signaling pathways by normal and oncogenic tyrosine Kinases - The biological functi... more

3. Function and regulation of the PDK1 kinase (58 mins)

Speakers Prof. Dario Alessi – University of Dundee, UK

Series Protein Phosphorylation

Recommend to Librarian

Keep Me Updated

Filter listing:

DATE PUBLISHED / UPDATED

- 2010 (32)

CATEGORIES

- Biochemistry (14)
- Cancer (1)
- Cell Biology (4)
- Diseases, Disorders & Treatments (9)
- Drug Discovery (2)
- Genetics (8)
- Immunology (5)
- Methods (7)
- Microbiology & Virology (3)
- Neurobiology (2)
- Pharmaceutical Science (3)

TALK DURATION

- 0-30 mins (2)
- 31-45 mins (16)
- 46+ mins (14)

Add additional filters according to Categories or Talk Duration

Search: Specific Topic/Subject

HENRY
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The screenshot shows the Henry Stewart Talks website interface. At the top left is the logo. The main header is 'The Biomedical & Life Sciences Collection' with navigation links for Home, Categories, Series, and Therapeutic Areas. A search bar is located in the top right, with 'al' entered and a dropdown menu showing suggestions: alzheimers, asthma allergy, Alzheimers disease, Alzheimer's disease, alzheimer, Alzheimer disease, allosteric, and als. A callout box labeled 'Basic Search' points to the search bar. Below the header, there is a welcome message and a 'RECENTLY ADDED TALKS' section. The first talk is 'A Paradigm Shift in the Brain-Immune Relationships: Infiltrating Macrophages in Central Nervous System Repair' by Prof. Michal Schwartz. The second talk is 'Physiology of Innate Immunity' by Prof. Keith W. Kelley. To the right, there is a 'POPULAR TALKS' section with three items: 'Ca²⁺, the endoplasmic reticulum and cardiac pathology' by Prof. Marek Michalak, 'Protease-antiprotease balance' by Prof. Robert Stockley, and 'ApoE4 - The Most Prevalent Genetic Risk Factor for Alzheimer's Disease' by Prof. Daniel Mihalaelson. At the bottom, there are 'CATEGORIES' and 'RECENTLY ADDED SERIES' sections.

Basic Search

More on Filtering

**HENRY
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List of talks resulting from basic Search

List of Series containing key words from Search

Additional Filtering of Search results

Additional Filtering according to year, Categories and Talk Duration

The screenshot shows the Henry Stewart Talks website interface. At the top, there is a navigation bar with 'Home', 'Categories', 'Series', and 'Therapeutic Areas'. A search bar contains 'Alzheimers disease'. Below the search bar, there are two tabs: 'Talks (52)' and 'Series (5)'. The 'Series (5)' tab is selected, showing a list of search results for 'Alzheimer's disease'. The first result is 'Genetics of early onset Alzheimer's disease (35 mins)' by Dr. Ekaterina Rogaeva. The second result is 'Alzheimer's disease: where are we up to? (30 mins)' by Prof. John Hardy. The third result is 'Immunotherapy as an approach to treating Alzheimer's disease (40 mins)' by Prof. David Morgan. On the right side, there is a 'Filter search results' section with two main categories: 'DATE PUBLISHED / UPDATED' and 'CATEGORIES'. The 'DATE PUBLISHED / UPDATED' section shows a list of years from 2007 to 2013 with the number of results for each year. The 'CATEGORIES' section shows a list of scientific fields with the number of results for each field.

Search results for:

Talks (52) Series (5)

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) - Presenilins 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 - extract Pathogenesis... on Alzheimer's Disease. In 1998 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

DATE PUBLISHED / UPDATED

- 2013 (1)
- 2012 (4)
- 2011 (8)
- 2010 (10)
- 2009 (4)
- 2008 (9)
- 2007 (18)

CATEGORIES


- Biochemistry (43)
- Cancer (4)
- Cell Biology (10)
- Diseases, Disorders & Treatments (44)
- Drug Discovery (1)
- Genetics (14)
- Immunology (3)
- Methods (1)
- Neurobiology (38)
- Pharmaceutical Science (1)

Specific Features of All Talks

- Index: Each slide is voice synchronized

Discovery - detection - functional interpretation (1)

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



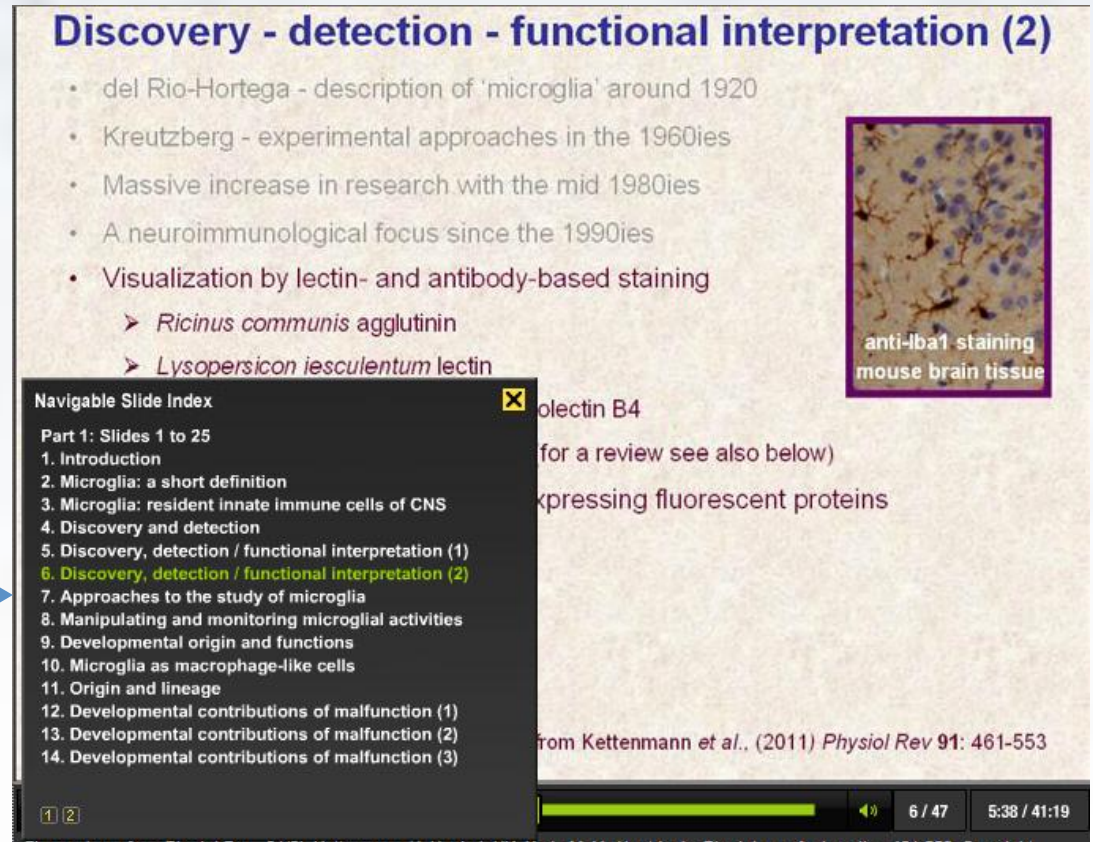
Pio del Rio-Hortega
(1882-1945)

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

The image shows a presentation slide with a light beige background. At the top, the title "Discovery - detection - functional interpretation (1)" is written in blue. Below the title is a bulleted list item: "• del Rio-Hortega - description of 'microglia' around 1920". In the lower right quadrant, there is a black and white portrait of Pio del Rio-Hortega, a man with a mustache wearing a suit and tie. Below the portrait, his name and dates "(1882-1945)" are printed. At the bottom of the slide is a dark control bar with several icons: "INDEX" and "CHANGE VIEW" in white text, a play/pause icon, a square icon, left and right arrow icons, a progress bar, a volume icon, and a timer showing "5 / 47" and "2:50 / 41:19". Two blue arrows originate from the text "Index: Each slide is voice synchronized" and point to the "INDEX" button and the "CHANGE VIEW" button in the control bar.

More On Features

➤ It is possible to choose and listen to an individual slide



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 iclesculentum* 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

6 / 47 5:38 / 41:19

More On Features

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

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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 Rogava [▶](#)

Publication Date
August, 2010

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

Series
[Alzheimer's Disease](#)

OTHER TALKS IN THIS SERIES

VIEW THE TALKS

1. The clinical syndrome of Alzheimer's disease [▶](#)
Dr. Jonathan Sonott
2. Lewy body dementia [▶](#)
Prof. Ian McKeith
3. Pathology of Alzheimer's disease [▶](#)
Prof. Tamas Revesz

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DETAILED SLIDE INDEX

1. Introduction
2. Objectives

TALK'S CITATION

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

Click to read the biography of the Speaker

Click "more" to see a full listing of topics covered in this Talk

List of Talks in this same Series...

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TALKS

Thank you!

Feel free to contact me directly.

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