


**HENRY**

**STEWART**

**TALKS**

**The Biomedical  
&  
Life Sciences Collection**

## 目次

1. The Biomedical & Life Sciences Collectionとは
2. アクセス方法
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## 1-1. The Biomedical & Life Sciences Collectionの内容

- このコレクションでしか提供されていない1,600以上のセミナー形式の講義（Talks）を収録しております。
- コレクションに収録されている講義（Talks）の編集者とスピーカーは、ノーベル賞受賞者を含む各専門分野の著名な先生方によって構成されております。
- コレクションは80以上のシリーズで構成されており、毎月約15講義（Talks）が追加されております。

## 1-2. The Biomedical & Life Sciences Collectionの導入機関

- 世界40ヶ国以上で数百の機関が導入しております。
- 世界中の大学や研究機関での導入を進めております。
- 世界的製薬企業10社のうち9社が導入しております。
- 日本では7機関が導入しており、日本国内での注目も高まっております。

## 2-1. アクセス方法

URL : <http://hstalks.com/>

The screenshot shows a web browser window with the address bar containing [hstalks.com](http://hstalks.com/). The page title is "Welcome to Henry Stewart Talks Online Collections". Below the title, there are two main collection cards: "The Biomedical & Life Sciences Collection" (highlighted with a red box) and "The Marketing & Management Collection". The "The Biomedical & Life Sciences Collection" card features a photograph of a scientist in a lab coat using a microscope. Below the collection cards, there are sections for "FREE TALK OF THE MONTH" and "TESTIMONIALS".

“The Biomedical & Life Sciences Collection”

## 2-2. アクセス方法



The Biomedical & Life Sciences Collection

Home Categories Series Therapeutic Areas

Online Seminars by Leading World Experts

Search

Welcome, Guest  
Login

Apply for Free Trial

Recommend to Librarian

Keep Me Updated

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.

Share: | more

RECENTLY ADDED TALKS [View All](#)

**Diagnosis and Screening of Diabetes**  
A. Prof. Jonathan Shaw  
Associate Director, Baker IDI  
Melbourne, Australia  
Baker IDI  
HEALTH & DIABETES INSTITUTE

**Is There a Role for Academia in Drug Discovery**  
Dr. Adrian Ivinson  
Director  
Harvard NeuroDiscovery Center  
Harvard NeuroDiscovery Center  
COLLABORATING TO CURE NEURODEGENERATIVE DISEASE

Update on Therapies for Metastatic Melanoma  
Update on metastatic  
Dr. Vernon K. Sondak  
MOBILE

Diagnosis and screening of diabetes  
Prof. Jonathan Shaw  
MOBILE

Is there a role for academia in drug discovery  
Dr. Adrian J. Ivinson  
MOBILE

Update on Therapies for Metastatic Melanoma  
Update on metastatic  
Dr. Vernon K. Sondak  
MOBILE

Update on metastatic  
Dr. Vernon K. Sondak  
MOBILE

Drug resistance in tuberculosis and its public health management  
Dr. Paul Nunn

The Impact of astrocyte mitochondrial ATP

IPアドレス or ID/PW 認証でLoginします。

## 2-3. アクセス方法

- IPアドレス認証で直接1,600の講義（Talks）にアクセスできます。
- ID/PWによる認証も可能です。

The screenshot displays the website interface for Henry Stewart Talks. At the top, there is a navigation bar with the logo on the left and the text "The Biomedical & Life Sciences Collection" in the center. Below the logo is a "Home / Login" link. The navigation bar also includes links for "Home", "Categories", "Series", and "Therapeutic Areas". On the right side of the navigation bar, there is a search box labeled "Search" and a link for "Online Seminars by Leading World Experts".

Below the navigation bar, the main content area is titled "Biomedical & Life Sciences: Login". It features a login form with the following elements:

- A welcome message: "Welcome back Samara State Medical University Member. Please enter your password."
- Input fields for "Username/Email:" and "Password:".
- A green "Login" button.

On the right side of the main content area, there are several buttons and a "FORGOT YOUR PASSWORD?" section:

- A green button labeled "Apply for Free Trial".
- An orange button labeled "Recommend to Librarian".
- A yellow button labeled "Keep Me Updated".
- A "FORGOT YOUR PASSWORD?" section with a text input field labeled "Enter your email" and a grey "Submit" button.



## 2-4. アクセス方法

- ▶ ログインすると、こちらにご機関名が表示されます。

The screenshot shows the website interface for 'The Biomedical & Life Sciences Collection'. At the top, there is a navigation bar with 'Home', 'Categories', 'Series', and 'Therapeutic Areas'. A search bar is located on the right. Below the navigation bar, a red box highlights the user's login status: 'Welcome, Samara State Medical University Member' and 'Logout'. Below this, there are buttons for '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 Michalak, 'Protease-antiprotease balance' by Prof. Robert Stockley, and 'ApoE4 - The Most Prevalent Genetic Risk Factor for Alzheimer's Disease' by Prof. Daniel Mochly-Nelson. At the bottom, there are sections for 'CATEGORIES' (Biochemistry, Cancer, Cell Biology) and 'RECENTLY ADDED SERIES' (Tuberculosis, Glycobiology, Calcium Signaling II).



# 3-1. ページ説明: Home

**HENRY  
STEWART  
TALKS**

The Biomedical & Life Sciences Collection

Home Categories Series Therapeutic Areas

Search

Welcome, USA Logout

Recommend 日本語可

Keep Me Updated

Talksをシェアすることができます。

アクセス継続のご要望やご意見を入力できます。

最近追加されたTalksの一覧

Welcome to The Biomedical & Life Sciences Collection

...d animated audio visual presentations with synchronized ... growing with over 1,500 talks.

Share: [Icons]

最新のTalksについての通知設定ができます。

バイオメディカルとライフサイエンスの分野で、最新のコレクションについてお知らせいたします。アクセスされる場合又は何かご質問等ございましたら、お気軽にご連絡ください。

RECENTLY ADDED TALKS [View All](#)

**Diagnosis and Screening of Diabetes**



**A. Prof. Jonathan Shaw**  
Associate Director, Baker IDI  
Melbourne, Australia



**Is There a Role for Academia in Drug Discovery**



**Dr. Adrian Ivinson**  
Director  
Harvard NeuroDiscovery Center



POPULAR TALKS

**Drug resistance in tuberculosis and its public health management**  
Dr. ...

**The Impact of Mitochondrial Dysfunction on Neuroprotection after Stroke**  
Prof. James Lechleiter

**A paradigm shift in the brain-immune relationships: Infiltrating macrophages in central nervous system repair**  
Prof. Michal Schwartz

再生数の多いTalksです。

収録カテゴリ一覧

- CATEGORIES
- Biochemistry
  - Cancer
  - Cell Biology

**MOBILE**

このマークのあるTalksは各モバイル端末でも閲覧できます。

RECENTLY ADDED SERIES [View All](#)

- SOPs for Regulatory Applications for the Pharmaceutical Industry
- Diabetes in Perspective
- Drug Discovery and Development Neurosciences

最近追加されたシリーズの一覧です。

## 3-2. ページ説明 : Categories

The Biomedical & Life Sciences Collection

Home **Categories** Series Therapeutic Areas

Home / Categories

Biomedical & Life Sciences: **Categories**

コレクションに収録されている全カテゴリーの一覧です。

CATEGORIES IN THIS COLLECTION

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

「Biochemistry」を選択して次へ。

July 2013

Online Seminars by Leading World Experts

Search: [input] [button]

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 Munnich

### 3-3. ページ紹介 : Categories 例 : Biochemistry



The screenshot shows the 'Biochemistry' category page on the HST website. A red arrow points to the 'Category: Biochemistry' breadcrumb. A callout box above the page title says 'カテゴリー名 : Biochemistry'. Another callout box points to the 'SERIES IN THIS CATEGORY' section, which lists various topics like Alzheimer's Disease, Autoimmunity, The Blood-Brain Barrier, Calcium Signaling, and Chloroplast. A third callout box points to this list and says 'カテゴリーに含まれるすべてのシリーズの一覧'. The page also features a search bar, navigation tabs, and a list of recently added talks.

### 3-4. ページ説明 : Series

シリーズに収録されて  
いるTalksの一覧です。

The Biomedical & Life Sciences Collection

Home Categories **Series** Therapeutic Areas

Search

Welcome, Guest  
Login

Apply for Free Trial  
Recommend to Librarian  
Keep Me Updated

Share: [Icons]

Biomedical & Life Sciences: **All Series**

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

**B**

- Bayesian Methods in Health Economics  
A short course
- Biomarkers  
The path forward to highly sensitive and specific molecular diagnostics

FREE TALK OF THE MONTH

The Impact of astrocyte mitochondrial ATP production on neuroprotection after

ApoE4 - The Most Prevalent Genetic Factor for Alzheimer's Disease

- アルファベット順
- 公開状況
- 公開年別
- Therapeutic Areas

上記のようにソートすることができます。



## 3-5. ページ説明 : Series

The Biomedical & Life Sciences Collection

Home Categories Series Therapeutic Areas

Home / All Series

Biomedical & Life Sciences: **All Series**

Share: | more

Arrange By: Publication Date / Updated

Expand All

SERIES IN THIS COLLECTION

- > 2013
- > 2012
- > 2011
- > 2010
- > 2009
- > 2008
- > 2007
- > 2004

Back to top

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 Stolley

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

公開された年ごとに分類されます。

## 3-6. ページ説明: Therapeutic Areas

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hstalks.com/main/browse\_therapeutic\_areas.php?c=252

Home Categories Series **Therapeutic Areas** Search

Home / Therapeutic Areas

Welcome, HST Israel Member  
Login Register

Recommend to Librarian  
Keep Me Updated

POPULAR TALKS

- Physiology of Innate Immunity Prof. Keith W. Kelley
- Ca<sup>2+</sup>, the Endoplasmic Reticulum and Cancer Pathology Prof. Marek Michalak
- Protease / Antiprotease Balance Prof. Robert Stocker

Biopharmaceuticals  
Cardiovascular and Metabolic  
Dermatology  
HIV  
Immunotherapy  
Infectious Disease

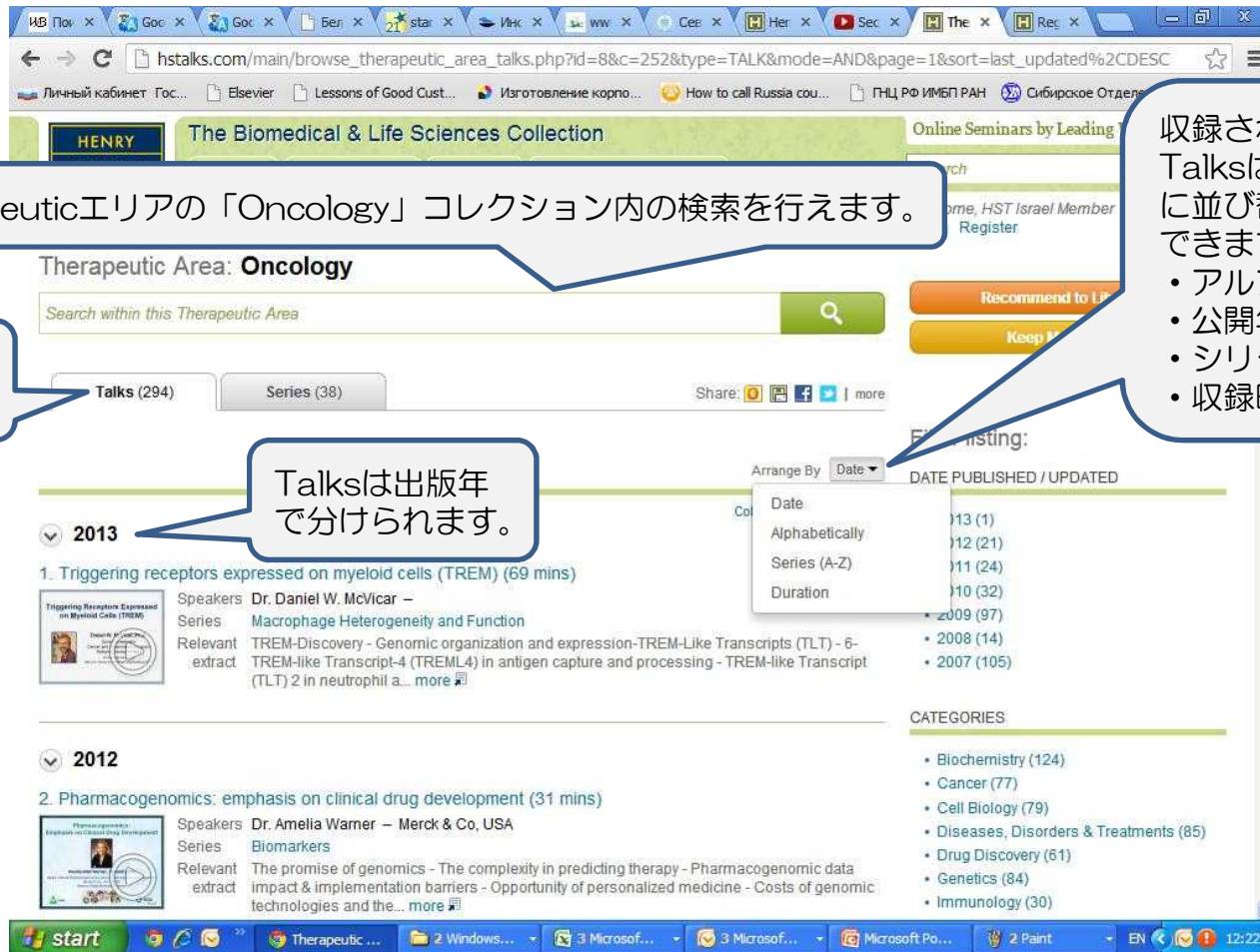
Neurosciences  
**Oncology**  
Ophthalmology  
Other Vaccines  
Pediatric Vaccines  
Respiratory and Immunoinflammatory

“Therapeutic Areas” に収録されているコレクションの一覧です。

「Oncology」を選択して次へ。



# 3-7. ページ説明: Therapeutic Areas 例: Oncology



Therapeuticエリアの「Oncology」コレクション内の検索を行えます。

「Oncology」内の収録数です。

Talksは出版年で分けられます。

収録されているTalksは以下のように並び替えることができます。

- アルファベット順
- 公開年別
- シリーズ別
- 収録時間別



## 3-8. ページ説明: Therapeutic Areas - フィルターの説明 -

HENRY  
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The screenshot shows the HSTalks website interface. At the top, there are tabs for 'Talks (294)' and 'Series (38)'. A 'Filter listing:' button is highlighted with a red box. Below this, there are two filter sections: 'DATE PUBLISHED / UPDATED' and 'CATEGORIES'. The 'DATE PUBLISHED / UPDATED' section shows a list of years with the number of talks for each: 2013 (1), 2012 (21), 2011 (24), 2010 (32), 2009 (97), 2008 (14), and 2007 (105). The 'CATEGORIES' section shows a list of scientific fields with the number of talks for each: 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), and Pharmaceutical Science (63). Below the filters, there is a list of talks. The first talk is '1. Triggering receptors expressed on myeloid cells (TREM) (69 mins)' by Dr. Daniel W. McVicar. The second talk is '2. Pharmacogenomics: emphasis on clinical drug development (31 mins)' by Dr. Amelia Warner. The third talk is '3. The gamma c family of cytokines (38 mins)' by Dr. Warren J. Leonard. The fourth talk is '4. Interleukin-7 and T cells (23 mins)' by Dr. Scott Durrum. The bottom of the screenshot shows the Windows taskbar with the start button and several open applications.

公開年別に分類  
されております。

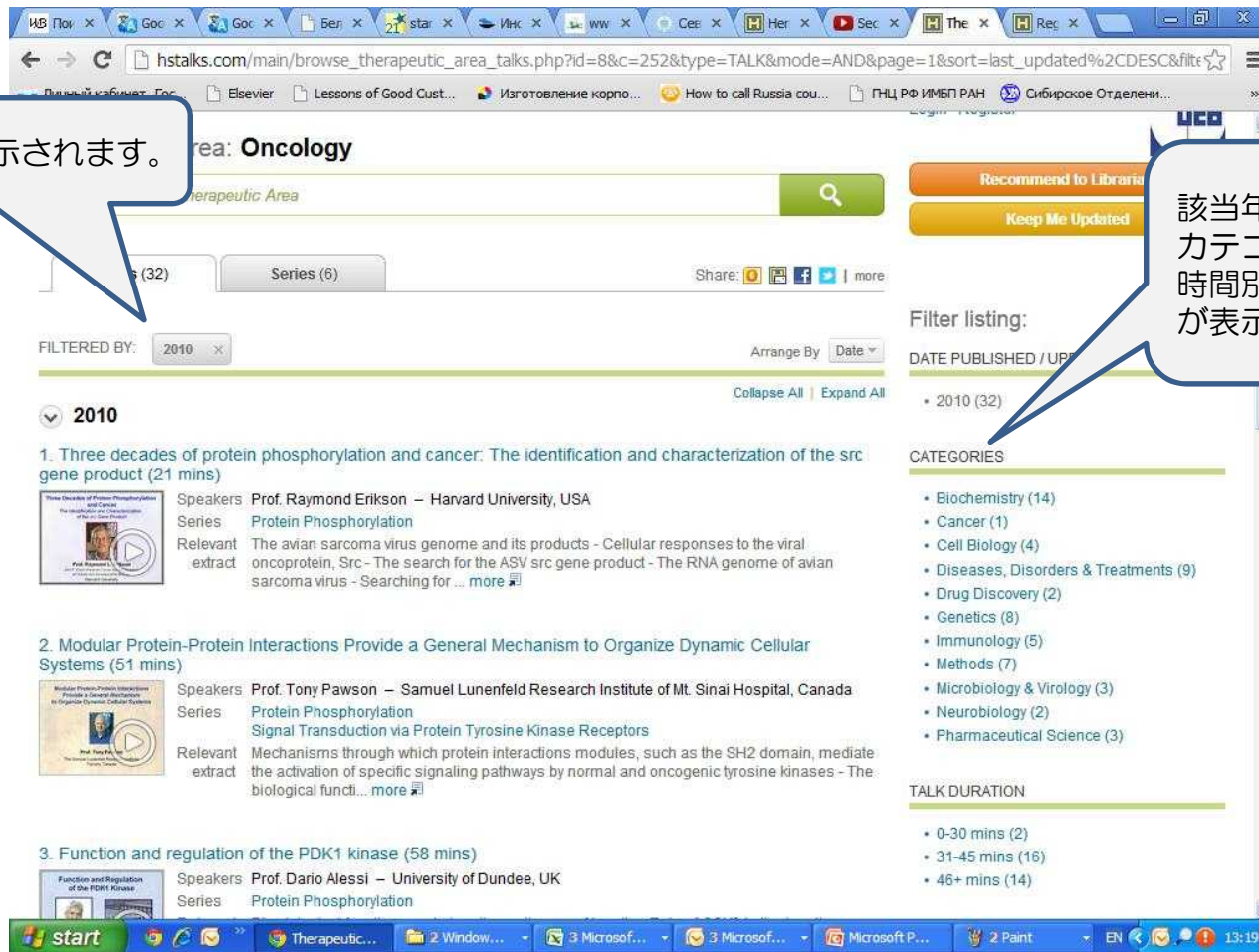
カテゴリー別に  
分類されてお  
ります。

Talksの長さご  
とに分類されて  
おります。

### 3-9. ページ説明: Therapeutic Areas - フィルターの説明 -

HENRY  
STEWART  
TALKS

分類された年が表示されます。



該当年内のTalksで、カテゴリー別や収録時間別のフィルターが表示されます。

# 4-1. 検索方法

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 located in the top right, with a dropdown menu showing search suggestions for 'al' (alzheimer's, asthma allergy, etc.). Below the navigation is a welcome message and a 'RECENTLY ADDED TALKS' section. Two featured talk cards are visible: one by Prof. Michal Schwartz on brain-immune relationships and one by Prof. Keith W. Kelley on innate immunity. A 'POPULAR TALKS' section on the right lists talks like 'Ca2+, the endoplasmic reticulum and cardiac pathology' and 'Protease-antiprotease balance'. At the bottom, there are 'CATEGORIES' (Biochemistry, Cancer, Cell Biology) and 'RECENTLY ADDED SERIES' (Tuberculosis, Glycobiology, Calcium Signaling II).

全コレクションの検索窓です。

## 4-2. 検索方法

HENRY  
STEWART  
TALKS

The screenshot shows the Henry Stewart Talks website interface. At the top left is the logo 'HENRY STEWART TALKS'. The main header is 'The Biomedical & Life Sciences Collection' with navigation links for 'Home', 'Categories', 'Series', and 'Therapeutic Areas'. A search bar contains the text 'Alzheimer's disease'. Below the search bar, there are two tabs: 'Talks (52)' and 'Series (5)'. The 'Talks' tab is selected. A callout bubble points to the 'Talks' tab with the text '検索ワードにヒットしたTalksです。'. Another callout bubble points to the 'Series (5)' tab with the text '検索ワードに対応するシリーズです。'. The search results list several talks. The second result is highlighted with a red box and a callout bubble: '2. Alzheimer's disease: where are we up to? (30 mins)'. Below this, a red arrow points to the text 'Talksを選択して次へ。'. On the right side, there is a search filter section titled 'Filter search results:' with a dropdown menu for 'DATE PUBLISHED / UPDATED' showing a list of years from 2013 to 2007. Below that is a 'CATEGORIES' section with a list of categories and their counts.

検索結果をさらに絞り込めます。

- 公開年
- カテゴリー
- 収録時間

検索ワードにヒットしたTalksです。

検索ワードに対応するシリーズです。

Talksを選択して次へ。

July 2013

19





## 5-2. 視聴画面説明

Talksの視聴画面です。

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

収録されているTalks内の索引を表示します。

現在のTalksの目次です

Talksの表示形式を変更します (NORMAL、PLAYER ONLY、FULL SCREEN)。


経過時間/収録時間

## 5-3. 視聴画面説明

Index内を選択することで、ご希望のスライドを視聴することができます。

**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 ivesculentum* 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

Part 1: Slides 1 to 25

1. Introduction
2. Microglia: a short definition
3. Microglia: resident innate immune cells of CNS
4. Discovery and detection
5. Discovery, detection / functional interpretation (1)
6. Discovery, detection / functional interpretation (2)
7. Approaches to the study of microglia
8. Manipulating and monitoring microglial activities
9. Developmental origin and functions
10. Microglia as macrophage-like cells
11. Origin and lineage
12. Developmental contributions of malfunction (1)
13. Developmental contributions of malfunction (2)
14. Developmental contributions of malfunction (3)



## 6-1. その他活用方法

Talk: **Chromatin and Transcription** (42 min)

Printable Slide Handouts PDF

 Share: | more  
 Embed: 

DETAILED SLIDE INDEX

1. Introduction
2. The nucleosome
3. Histone post-translational modifications

[View Full Listing](#)

TALK'S CITATION

Kornberg, R. (2007), "Chromatin and Transcription", in Tsolis, P. (ed.), *From DNA to Proteins: The Multiple Levels of Regulation*, The Biomedical & Life Sciences Collection, Henry Stewart Talks Ltd, London (online at <http://hstalks.com/bio>)

① 各Talksは「Moodle」や「Blackboard」等の学習管理システムでご利用いただくことができます。

Shareにある各アイコンを選択し、表示されたURLをリンクしてご利用ください。

EmbedでHTMLやWORDを選択していただくと、各TalksをHPなどに埋め込むためのタグや、Wordに各Talksのリンクを作成することができます。

② 各Talksは「TALK' SCITATION」を正しく引用していただくことで、コレクションの動画やスライドを、購読機関外のメンバーが参加するミーティング等の資料としてご利用いただくこともできます。

③ MARCレコード（年4回：1月末、4月末、7月末、10月末に更新）は下記URLよりダウンロードできます。

[http://hstalks.com/main/lib\\_info.php](http://hstalks.com/main/lib_info.php)

HENRY

STEWART

TALKS

# Thank you!

ご質問・ご不明な点は弊社までお問い合わせください。

## ユサコ株式会社

□東日本営業所

TEL: 03-3505-3256

FAX: 03-3505-6282

Email: [tokyo-sales@usaco.co.jp](mailto:tokyo-sales@usaco.co.jp)

□西日本営業所

TEL: 06-6393-0303

FAX: 06-6393-0617

Email: [osaka-sales@usaco.co.jp](mailto:osaka-sales@usaco.co.jp)