


**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
3. ページ説明
4. 検索方法
5. 視聴画面説明
6. その他活用方法

## 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

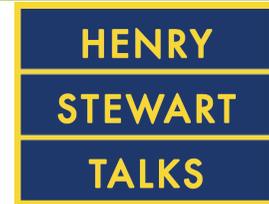
- 世界40ヶ国以上で数百の機関が導入しております。
- 世界中の大学や研究機関での導入を進めております。
- 世界的製薬企業10社のうち9社が導入しております。
- 日本では7機関が導入しており、日本国内での注目も高まっております。

## 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 content includes a header with the 'HENRY STEWART TALKS' logo, a welcome message, and two main collection cards. The 'The Biomedical & Life Sciences Collection' card is highlighted with a red box and has a callout box pointing to it with the text 'The Biomedical & Life Sciences Collection'. Below the collection cards are sections for 'FREE TALK OF THE MONTH' and 'TESTIMONIALS'.

## 2-2. アクセス方法



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 form:

- A "Welcome, Guest" message with a "Login" link.
- Three buttons: "Apply for Free Trial" (green), "Recommend to Librarian" (orange), and "Keep Me Updated" (yellow).
- A "FORGOT YOUR PASSWORD?" section with an input field labeled "Enter your email" and a "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 a user notification: 'Welcome, Samara State Medical University Member Logout'. A red arrow points from the text in the instruction above to this notification box. Below the notification, 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

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

最新のTalksについての通知設定ができます。

Welcome to The Biomedical & Life Sciences Collection

Share: [Icons]

RECENTLY ADDED TALKS View All

**Diagnosis and Screening of Diabetes**

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

Baker IDI

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

Dr. Adrian Ivinson  
Director  
Harvard NeuroDiscovery Center

Harvard NeuroDiscovery Center

POPULAR TALKS

Drug resistance in tuberculosis and its public health management  
Dr. [Name]

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

- 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。

最近追加されたシリーズの一覧です。

RECENTLY ADDED SERIES View All

SOPs for Regulatory Applications for the Pharmaceutical Industry

Diabetes in Perspective

Drug Discovery and Development Neurosciences

## 3-2. ページ説明 : Categories

HENRY  
STEWART  
TALKS

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 Lechner

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



カテゴリー名 : Biochemistry

Category: **Biochemistry**

SERIES IN THIS CATEGORY

Arrange By: Alphabet

Collapse All | Expand All

**A**

- Alzheimer's Disease: Neurobiology, pathophysiology
- Autoimmunity: Etiology, pathogenesis, clinical manifestation and diagnostic methodologies

**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

RECENTLY ADDED TALKS [View All](#)

- Mechanisms Regulating STIM Expression and Function in Ca<sup>2+</sup> Signaling (Dr. Jonathan Sobloff)
- 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)

July 2013

### 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

Home / All Series

Online Seminars by Leading World Experts

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

POPULAR

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

Prof. Daniel Mochales

- 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: [Icons] | more

Arrange By: Publication Date / Updated

SERIES IN THIS COLLECTION

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

Back to top

FREE TALK OF THE MONTH

POPULAR TALKS

公開された年ごとに分類されます。

### 3-6. ページ説明: Therapeutic Areas

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

Home Categories Series **Therapeutic Areas** Search

Biomedical & Life Sciences: **Therapeutic Areas**

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

THERAPEUTIC AREAS IN THIS COLLECTION

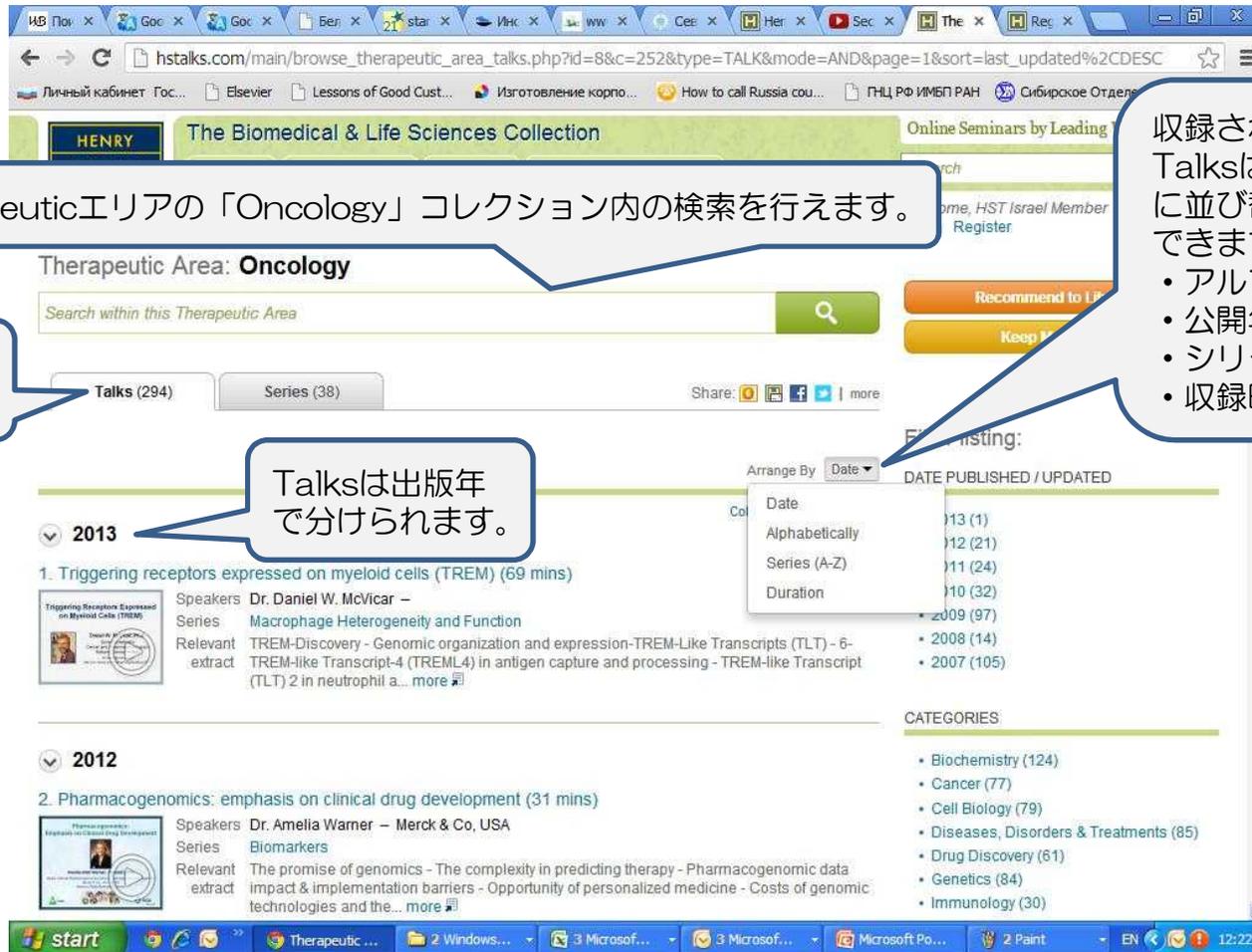
Biopharmaceuticals	Neurosciences
Cardiovascular and Metabolic	<b>Oncology</b>
Dermatology	Ophthalmology
HIV	Other Vaccines
Immunotherapy	Pediatric Vaccines
Infectious Disease	Respiratory and Immunoinflammatory

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

「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  
STEWART  
TALKS

The screenshot shows the hstalks.com website interface. 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 (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
  - 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 Durrum - National Cancer Institute, NIH, USA

On the right side of the page, there are two filter sections:

- Filter listing:** A red box highlights this section, which includes a dropdown menu set to 'Date' and a list of years with counts: 2013 (1), 2012 (21), 2011 (24), 2010 (32), 2009 (97), 2008 (14), and 2007 (105).
- CATEGORIES:** A list of scientific categories with counts: 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).
- TALK DURATION:** A list of talk durations with counts: 0-30 mins (43), 31-45 mins (132), and 46+ mins (119).

公開年別に分類  
されております。

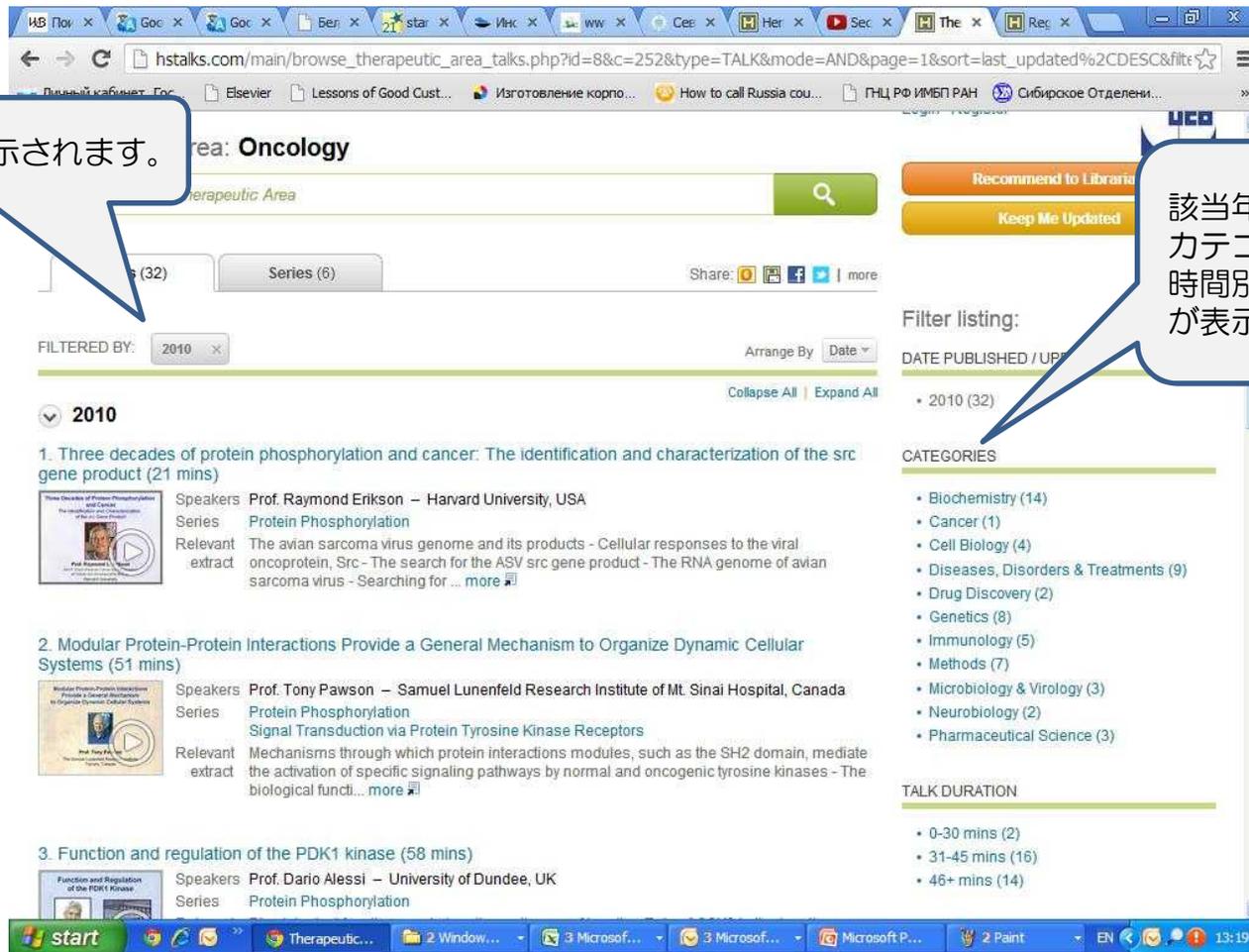
カテゴリー別に  
分類されてお  
ります。

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 search bar is a 'POPULAR TALKS' section with three featured items: 'Ca2+, the endoplasmic reticulum and cardiac pathology', 'Protease-antiprotease balance', and 'ApoE4 - The Most Prevalent Genetic Risk Factor for Alzheimer's Disease'. The main content area is divided into 'RECENTLY ADDED TALKS' and 'RECENTLY ADDED SERIES'. The 'RECENTLY ADDED TALKS' section features two large cards: '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. The 'RECENTLY ADDED SERIES' section lists 'Tuberculosis', 'Glycobiology', and 'Calcium Signaling II'. A callout box points to the search bar with the text '全コレクションの検索窓です。' (This is the search window for the entire collection.)

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 reads '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, '2. Alzheimer's disease: where are we up to? (30 mins)', is highlighted with a red box. A callout bubble points to the filter options on the right side of the page, which include 'DATE PUBLISHED / UPDATED' (with a list of years from 2013 to 2007) and 'CATEGORIES' (with a list of categories like Biochemistry, Cancer, Cell Biology, etc.).

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

# 5-1. 視聴画面説明




Welcome, USACO member  
Logout

Recommend 日本語可  
Keep Me Updated

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

## Chromatin and Transcription



**Prof. Roger Kornberg**  
Stanford University  
U.S.A.

INDEX CHANGE VIEW 1 / 56 0:00 / 42:11

Talksの視聴画面です。

スピーカーの経歴を表示できます。

“more” をクリックすると、このTalksがカバーしているトピックのリストを表示します。

同じシリーズ内のその他のTalksを表示します。

収録されているスライドはPDFで取得することができます。

各TalksのURLを各アイコンの機能で共有することができます。

Printable Slide Handouts PDF

Share: more

DETAILED SLIDE INDEX

- Chromatin structure
- Chromatin remodeling
- Transcription
- Post-translational modifications
- Gene regulation

TALKS CITATION

Kornberg, R. (2007), "Chromatin and Transcription", in Tsonis, 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>)

RELATED TALKS

**Eukaryotic Gene Regulation: From Chromatin to Transcription to mRNA Processing**  
Prof. Michael Carey  
Prof. Stephen Smale

RELATED SERIES

**Protein Homeostasis**  
Folding proteins and maintaining the protein-protein interaction network  
July 2013

ABOUT THIS TALK

**Speaker(s)**  
Prof. Roger Kornberg

**Publication Date**  
October, 2007

**Topics Covered**  
Chromatin remodeling for transcription... [more](#)

**Series**  
From DNA to Proteins

OTHER TALKS IN THIS SERIES

- INTRODUCTION**
- 1. From DNA to Proteins: The Multiple Levels of Regulation  
Prof. Panagiotis Tsonis
  - 2. Chromatin Architecture and Alterations in the Control of Gene Regulation  
Prof. Jeffrey Hansen
  - 3. Nucleosome Dynamics and Remodeling  
Prof. Jonathan Widom

- CHROMATIN AND DNA**
- 4. Chromatin Architecture and Alterations in the Control of Gene Regulation  
Prof. Jeffrey Hansen

- TRANSCRIPTION**
- 5. Nucleotide Dependent Functioning of Bacterial Enhancer Binding Proteins, Activators of sigma54 RNA

## 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

From Kettenmann et al., (2011) *Physiol Rev* 91: 461-553. Copyright © 2011 American Physiological Society.

**Navigable Slide Index**

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

The Biomedical & Life Sciences Collection

Home Categories Series Therapeutic Areas

Home / Biochemistry / From DNA to Proteins / Chromatin and Transcription

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

Printable Slide Handouts PDF

DETAILED SLIDE INDEX

1. Introduction
  2. The nucleosome
  3. Histone post-translational modifications
- [View Full Listing](#)

Share: | more  
Embed: WORD

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。

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