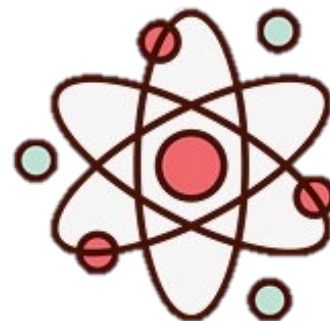
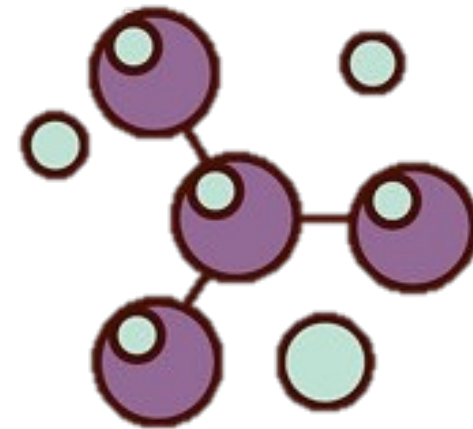


HSTalks

The Biomedical & Life Sciences Collection
生物醫學與生命科學演講資料庫

與國際大師面對面



大綱

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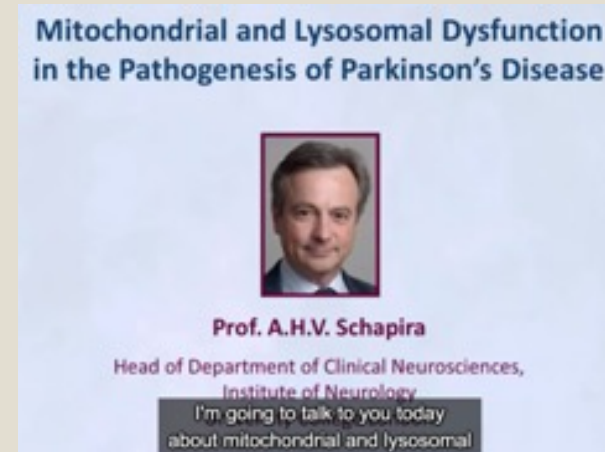
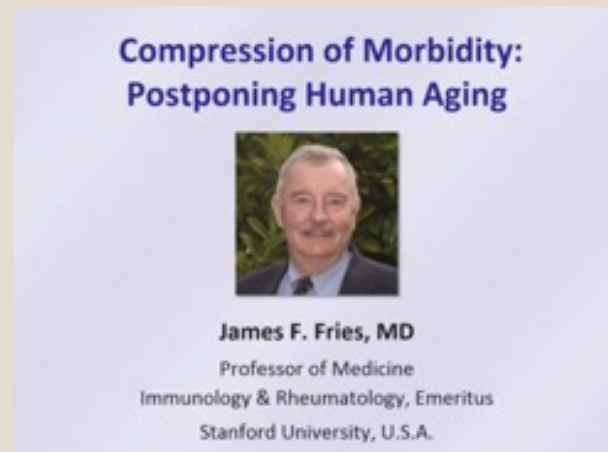
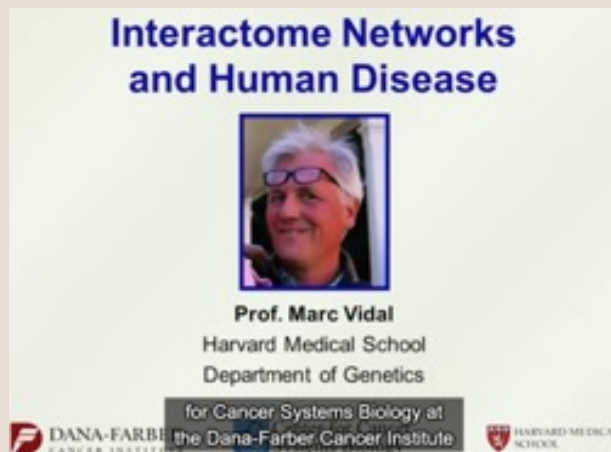
關於HSTalks

Henry Stewart Talks

- 2004年創立的影片型資料庫
- 包含**生醫**及**商業**兩種套裝
- 來自學界及業界國際級專家的最新演講、研討會、科研結果
- 內容由專家直接授權,無法從他處取得!

現有用戶 (300多個研究單位)

- 清華大學、中華大學、台灣大學、成功大學...
- 上海交通大學、軍事科學圖書館、中南大學、雲南大學、香港中文大學等...
- 哈佛大學、牛津大學、哥倫比亞大學、康奈爾大學、史丹佛大學等...



關於The Biomedical & Life Science Collection



- 邀請世界級**生物醫學與生命科學領域專家**到棚內錄製主題演講講座 (含諾貝爾得主)
- 內容廣泛,目前已有超過2700部演講,超過100個相關系列
(基因學到分子生物學/疾病成因到治療等...**專為生醫課程設計**)
- **每月更新**最新演講視頻及新增系列,快速瞭解最新發展,時時走在專業領域前端!
- 影片內含高畫質投影片並同步搭配演講者旁白



北京大學分子醫學
程和平教授



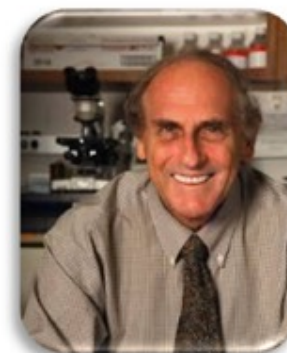
2018諾貝爾生理學獎
James P.Allison



2017諾貝爾生理學獎
Jeffrey Hall



2011諾貝爾生理學獎
Jules Hoffman



2011諾貝爾生理學獎
Ralph Steinman

涵蓋領域相當廣泛



生物化學



農業
環境科學



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遺傳學



臨床醫學



疾病



營養學







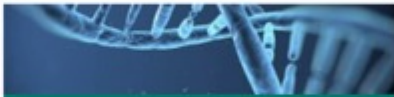

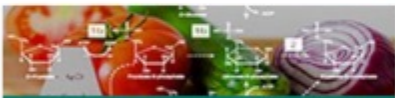









治療










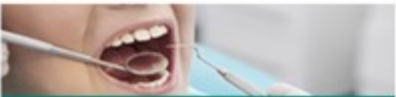


藥物學

涉及各種領域 一舉多得!

Search results for "Cells"

| Categories | Therapeutic Areas | | |
|--|---|---|--|
|  Agriculture & Environmental Sci... |  Biochemistry |  Cancer |  Cell Biology |
|  Clinical Medicine |  Diseases, Disorders & Treatments |  Genetics & Epigenetics |  Immunology |
|  Metabolism & Nutrition |  Methods |  Microbiology |  Neuroscience |
|  Omics & Systems Biology |  Pharmaceutical Sciences |  Reproduction & Development |  Placeholder image |

Search results for "Cells"

| Categories | Therapeutic Areas | | |
|---|--|---|--|
|  Cardiovascular & Metabolic |  Dermatology |  Gynaecology & Obstetrics |  Haematology |
|  Immunology & Inflammation |  Infectious Diseases |  Neurology |  Oncology |
|  Ophthalmology |  Oral Health |  Respiratory Diseases |  Vaccines |

大綱

1

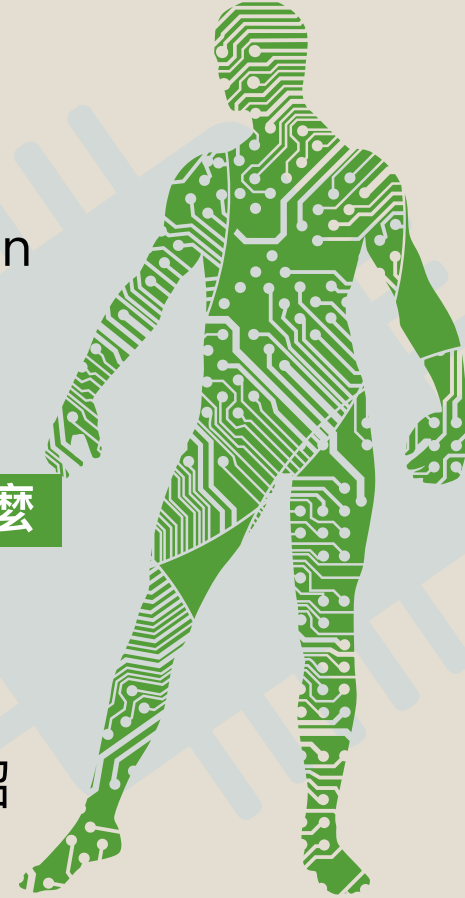
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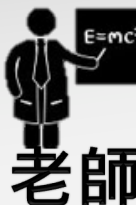


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幫助研究

最新知識

- ◆ 全球頂尖學者
- ◆ 最新研究成果



老師

輔導教學

靈活教學

- ◆ 國際級演講技巧
- ◆ 高畫質影片觀看
- ◆ 內嵌課程教學
- ◆ 專業課程顧問



學生

指導學習

有效學習

- ◆ 講義一鍵輸出
- ◆ 反覆觀看學習
- ◆ 免出國共享資源

1.權威性

- 世界級學科領域專家
- 特別錄製,編寫及講解

2.時效性



- 定期更新及增加講座
- 走在學科發展最前端

3.方便性



- 隨時隨地獲取最新知識及發展
- 做有效率的學習
- 使用單位節省時間和預算

| | | |
|------------------------|-------|----------------------------|
| 輕鬆獲得專業領域的最新研究成果 | 準備時間 | 花大量時間在收集和篩選 |
| 國際級學科領域專家特地撰寫及講解 | 內容權威性 | 網路數據源難以考究 內容不夠權威,觀點不夠新穎 |
| 專業資料庫,內容精確 | 搜尋數量 | 開放資源,內容繁多 |
| 學科領域專家編寫相關資訊 重點一目了然 | 相關度 | 搜尋結果過多,相關性不高 不易找出可參考內容 |
| 每月更新,助讀者走在學科發展最前端 | 時效性 | 難以接觸到最新與最權威的研究 |



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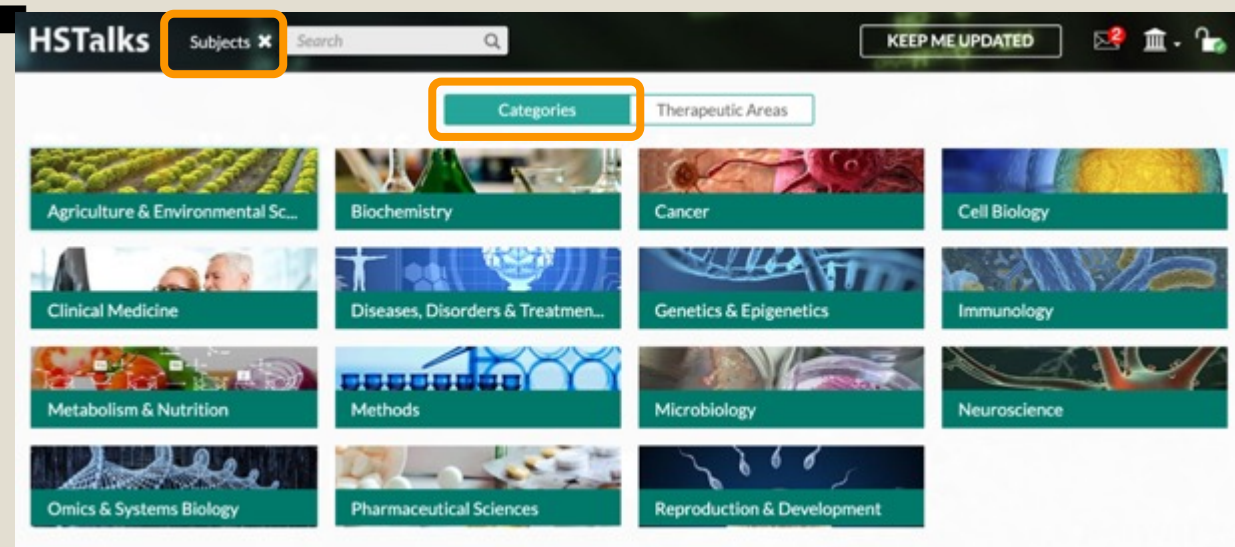


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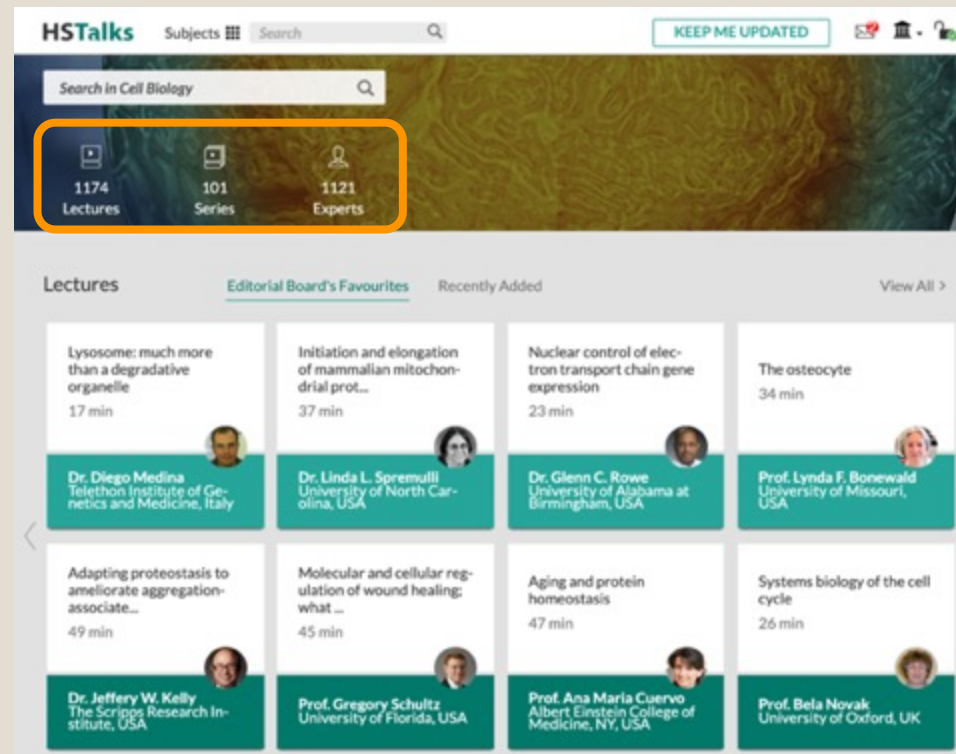
方法1:

- 點擊“主題”(Subjects)
- 以“類別”(Category)“治療領域”(Therapeutic Areas)歸類出現
- 選擇特定一主題



繼續檢索吧!

- 點選想要觀看的講座(Lectures)/系列 (Series)/講者(Experts)
- 或向下捲動頁面從所顯示的各影片選擇



方法2:

- 直接使用通過的搜尋列(Search)輸入關鍵字快速搜尋您要的內容。

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前5分鐘免費觀看哦

Search results for:
"cells"

Talks (1518)



Series



Experts

Filters

Category

Therapeutic Area

Date Published

Subtitles

Education Level

Accreditation

Talk Duration

Availability

Your search matches the **Cell Biology** Category. It might be easier to find the content you want in that page.[→ Go to Category](#)

Showing results 1-10 of 1518

1. Translating retinal stem cells

By Prof. Michael Young - Harvard Stem Cell Institute, USA

Published December 2016

Series: **Macular Degeneration**

Retinitis pigmentosa - Stem cell therapy - Intracerebral retinal transplantation - Transplantation... of neural stem cells - Retinal progenitor cell transplantation - Characterization of hRPCs - In vivo... Cellular therapy; Retinal degeneration/Treatment; Retinitis pigmentosa; Stem cells/Therapeutic use...

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搜尋結果可以根據各項篩選：

- 類別"Category"
- 治療領域"Therapeutic Area"
- 出版時間"Date Published"
- 字幕語言"Subtitle"
- 程度"Education Level"
- 認證「Accreditation」(CPD/CME)
- 視頻長度"Talk Duration"
- 視頻狀態「Availability」(已發佈/錄製中)

HSTalks 講座特色

HENRY
STEWART
TALKS

1 2 3 4

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1. Introduction
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5. Complement activation pathways
6. Complement deficiencies lead to infections
7. Revised view of complement
8. Complement deficiencies & autoimmune disease
9. Complement's impact on adaptive immunity
10. Complement recognizes and removes 'threats'
11. Complement receptors act as sensors & effectors

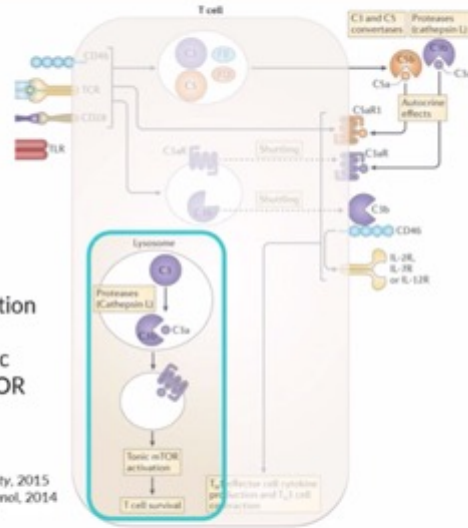
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繼續教育學分

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Inside-in versus outside-in signaling



- IL-2R assembly
- mTORC1 assembly and regulation of glycolysis and OXPHOS

可點選各張幻燈

Intracellular C3 activation (C3aR signaling) sustains homeostatic T cell survival via mTOR

Kolev, Dimeloe, and Le Friec et al., Immunity, 2015
Kolev, Le Friec and Kemper, Nat Rev Immunol, 2014
Liszewski and Kolev et al., Immunity, 2013
Le Friec et al., Nat Immunol, 2012

Figure above from Nat Rev Immunol., 14(12), Kolev M, Le Friec G, Kemper C. Complement--tapping into new sites and effector systems, 811-20, Copyright 811-20, Copyright 2014 Nature Publishing Group

Complement and T cells



Prof. Claudia Kemper - NHLBI/NIH, USA

學者資訊

Published on August 31, 2017

42 min

影片長度

3 相關主題演講連結

連結至相關系列中的其他視訊

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Citation

Links

Series:

- The Complement System

Categories:

- Biochemistry

- Cell Biology

- Immunology

Therapeutic Areas:

- Immunology & Inflammation

4 引用此演講的相關資訊

撰寫論文、講義等可引用資訊

≡

Slides

💬

Topics

🔗

Links

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Citation

Talk Citation

Kemper, C. (2017, August 31). Complement and T cells [Video file]. In *The Biomedical & Life Sciences Collection*, Henry Stewart Talks. Retrieved March 19, 2020, from <https://hstalks.com/bs/3578/>

Publication History

• Published on August 31, 2017

Financial Disclosures

Prof. Claudia Kemper has not informed HSTalks of any commercial/financial relationship that it is appropriate to disclose.

★ 視頻內容會持續複審!

5 PDF 講義輸出

投影片轉為PDF格式,列印講義方便學習做筆記

Latest developments & future directions in the management of chronic pain

Prof. Simon Haroutounian - Washington University School of Medicine, USA

HSTalks

Chronic pain is multidimensional

13

Mid-term exam

Underlying mechanisms contributing to pain chronification

14

Check with the professor about this subject in detail

Primary afferent input critical for maintaining spontaneous pain in peripheral neuropathy

15

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6

Latest developments & future directions in the management of chronic pain

Prof. Simon Haroutounian - Washington University School of Medicine, USA

HSTalks

Psycho-social components behind pain chronification

16

Current approaches for managing chronic pain: overview

17

Pharmacologic therapies for chronic low back pain

18

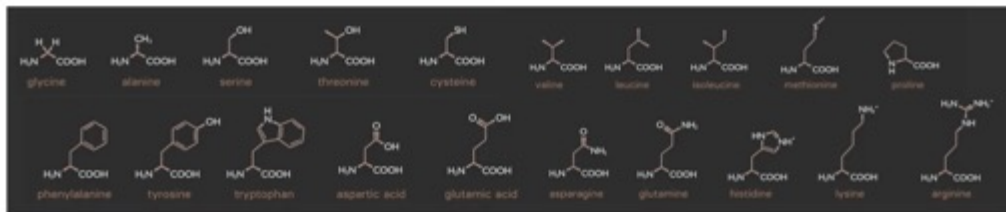
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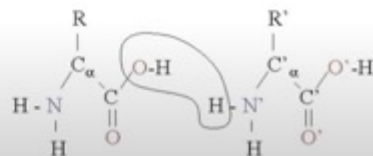
- 老師可以輸出講義給學生,並配有註記區域,學生針對各張幻燈片寫下自己的想法。
- 充分考慮學生及研究者的在研究及學習過程中的註記需求。
- 幫助學生及研究者梳理自己的脈絡及想法。

In this lesson you will learn

- Proteins are formed by the combination of 20 different amino acids



- The amino acids of protein polymers are linked by peptide bonds



The amino acids of protein polymers are linked by peptide bonds,

1

可新增字幕

2

可重複、停頓觀看

3

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講者演講內容逐字稿

將頁面向下拖動,視頻在頁面右方縮小化呈現、對照講者旁白的逐字講稿學習,不會跟丟哦!

Player

Related Lectures

Transcript

Transcript

Choose Language:

English

0:00

Hello. My name is Simon Haroutounian. I'm an Assistant Professor of Anesthesiology at Washington University School of Medicine. I work as a clinical pharmacist in Multidisciplinary Pain Management Team at Washington University Pain Center. In my talk today, we'll overview different approaches, primarily pharmacological ones, for the management of chronic pain. I will discuss some of the recent developments and future directions.

0:30

In this talk, I will provide some background on the prevalence and burden of chronic pain, as well as, we'll look at different ways to classify chronic pain. We will, then, discuss different biological and psychological factors that can contribute to the chronification of pain or the transition from acute to chronic pain, if you will. We'll discuss possible targets for interventions to avoid this pain chronification. I will provide an overview of some of the current approaches for managing chronic pain and focus primarily on recent evidence on the efficacy of pharmacological therapies, highlighting some interesting future directions.

1:08

So, let's start with some definitions. ISP, or the International Association for the Study of Pain, defines pain is an unpleasant sensory and emotional experience associated with actual or potential tissue damage. I would like to highlight the two sensory and emotional components. Because while in acute pain, the experience may be mostly sensory or biological, in chronic pain the emotional experience tends to play quite a dramatic role in how patients perceive their pain. Pain is typically divided into acute and chronic. While most of us can intuitively say what chronic pain is, the definition of chronic pain has not been that straightforward. So, it used to move between defined time cutoffs for pain duration, to the idea that chronic pain is pain that persists past normal healing time of a tissue that has been damaged. The recent 2019 definition comes back to duration and defines chronic pain as pain that has been going on for more than three months. This temporal definition is mainly due to the fact that we can't always identify the tissue damage or the inciting event that triggered that chronic pain.

Hide >

Outline

- ❖ Chronic pain
 - » Prevalence and burden
 - » Classification
- ❖ Factors contributing to pain chronification and possible targets for interventions
- ❖ Current approaches for chronic pain management
- ❖ Latest developments in pharmacotherapy of chronic pain

focus primarily on recent evidence on the efficacy of pharmacological therapies,

Latest developments & future directions in the management of chronic pain

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嵌入功能

可以將整個視頻或截取視頻某一片段嵌入至Word、PPT、E-mail、學習系統(Blackboard,Moodle,Sakai)等等。

Inside-in versus outside-in signaling

Intracellular C3 activation (C3aR signaling) sustains homeostatic T cell survival via mTOR

Figure above from Nat Rev Immunol. 14(12). Koley M, Le Friec G, Kemper C. Complement--tagging into new sites and effector systems. 811-20. Copyright 811-20, Copyright 2014 Nature Publishing Group

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9. Complement's impact on adaptive immunity

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Complement and T cells

Prof. Claudia Kemper - NHLBI/NIH, USA

Published on August 31, 2017 • 42 min

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Lysosome: much more than a degradative organelle

Dr. Diego Medina – Telethon Institute of Genetics and Medicine, Italy

Diego L. Medina, PhD

Assistant Investigator

Telethon Institute of Genetics and Medicine

Paesana (NA), Italy

Thumbnail Size

200x150

100x75

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Lecture Information

Title

Speaker(s)

Affiliation(s)

Use Segment of the Lecture (optional):

Start

Time (eg 2:34) or slide number (eg 5)

End

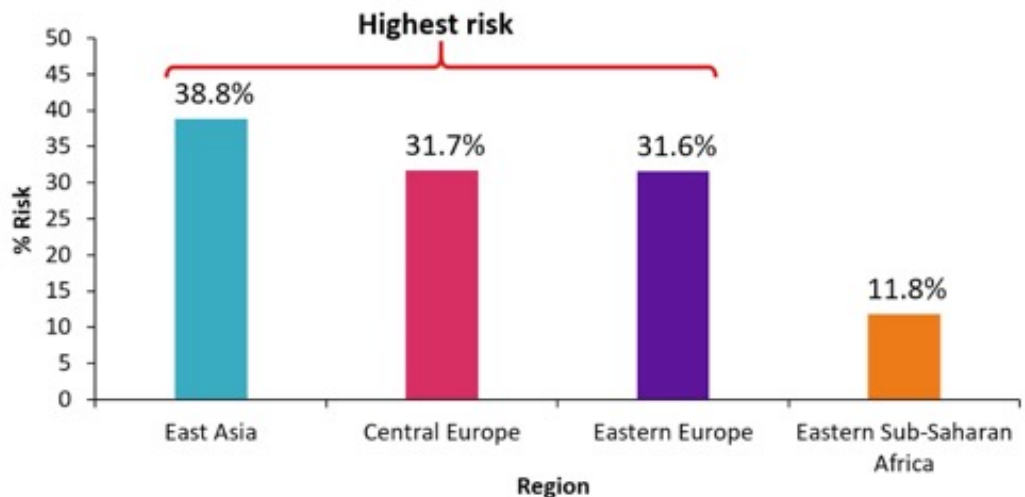
Time (eg 13:45) or slide number (eg 14)

自訂影片開始與結束段落

上海飞资得信技术

Expansion in numbers

- Lifetime risk of stroke from age 25 years onwards: 24.9%
- Increase from 1990 to 2016: 22% to 24%



Feigin et al. N Engl J Med. 2018 Dec;379:2429-2437

Navigable Slide Index

1. Introduction
2. Outline (1)
3. Expansion in numbers
4. Neurological disorders: Leading cause of disability adjusted life years (DALY'S)
5. Outline (2)
6. Canadian study of aging

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<https://hstalks.com/bs/4109/>

Expanding frontiers of cerebrovascular disease



Prof. Vladimir Hachinski – University of Western Ontario, Canada
Published on November 28, 2019 • 23 min

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→課程顧問分析並提供配合教學的視訊內容



方式2. 會議討論

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→飛資得協助安排老師與專業課程顧問**討論課堂內容**

→課程顧問提供配合教學的視訊內容