

BENTHAM SCIENCE

서울대학교
의과대학도서관

Bentham Science Publisher 소개

Bentham Science Publisher 는 전 세계적으로
영향력있고 유명한 생물의학(Biomedical),
신약, 제약(Pharmaceutical) 분야의 정보를 제
공하고 있는 네덜란드의 출판사

Bentham Science Journal

Bentham Science Journal은 신약 물질, 유기 화학, 생화학, 의약학, 면역학, 유기합성, 전자치료, 단백질 물질, 약물전달 등에 관련된 113종의 최신 의약 및 의학 정보를 온라인 저널과 프린트 저널 형태로 제공

Bentham 온라인 저널 27개 소주제

Analytical Chemistry
Anti-Infective/Infectious Diseases
Bioinformatics
Biotechnology
Cardiology and Cardiovascular Science
Clinical Trials
Combinatorial Chemistry
Drug Delivery
Drug Design and Discovery
Drug Metabolism
Drug Therapy
Engineering

Genomics
Immunology & Endocrinology
Inflammation and Allergy
Medicine
Molecular Medicine
Nanoscience
Neuroscience
Oncology and Cancer Research
Organic Chemistry
Pharmacology
Protein and Peptide Science
Psychiatry
Recent Patents Review Journals

Bentham Science 특징

- 높은 Impact Factor
- 전체 저널의 40%가 SCIE 및 SCI 등재
- Chemical Abstracts, Current Contents, Medline, BIOSIS등 유명 데이터베이스에 의해 인덱스 됨
- 세계 각국의 제약 회사 및 개발 기업, 연구소 및 기관, 대학 등 500,000 이상의 이용자가 프린트 구독 중

BENTHAM SCIENCE 특징

- 수 천여명의 연구자와 과학자들이 Website 정보망 이용
- 의학 및 약학계에서 최고의 인정을 받는 의약 연구 전문 저널
- 매달 약 200,000명이 Website를 통해 온라인 저널 이용
- Bentham의 총 7종의 저널을 통해 다수의 연구자 노벨 상 수상.

Bentham Science 주요저널의 SCIE Impact Factor

Rank	Journal Titles	Impact Factor
1	Current Molecular Medicine	5.21
2	Current Alzheimer Research	4.95
3	Current Gene Therapy	4.90
4	Current Pharmaceutical Design	4.77
5	Current Cancer Drug Targets	4.77
6	Current Medicinal Chemistry	4.60
7	Current Topics in Medicinal Chemistry	4.11
8	Current Organic Synthesis	3.95
9	Current Drug Metabolism	3.89
10	Current Protein & Peptide Science	3.83

BENTHAM SCIENCE 주요저널의 SCIE IMPACT FACTOR

Rank	Journal Titles	Impact Factor
11	CNS & Neurological Disorders - Drug Targets	3.61
12	Current Pharmaceutical Biotechnology	3.45
13	Current Vascular Pharmacology	3.18
14	Anti-Cancer Agents in Medicinal Chemistry	3.14
15	Current Drug Targets	3.06
16	Current Neurovascular Research	3.04
17	Current Organic Chemistry	2.92
18	Current Neuropharmacology	2.78
19	Mini-Reviews in Medicinal Chemistry	2.62
20	Combinatorial Chemistry & High Throughput Screening	2.57

NOBEL LAUREATES

Six Nobel laureates have endorsed a number of Bentham Science journals



EMINENT **KOREAN** SCIENTISTS AFFILIATED WITH BENTHAM SCIENCE PUBLISHERS

1/2

Regional Editor of Recent Patents on Inflammation & Allergy Drug Discovery

Kyoungho Suk

Department of Pharmacology

Kyungpook National University

School of Medicine

Daegu

South Korea

Associate Editor of The Open Signal Processing Journal

K.S. Jong

Department of Biomedical Engineering

Pusan National University

Gyeongnam

Korea

EMINENT **KOREAN** SCIENTISTS AFFILIATED WITH BENTHAM SCIENCE PUBLISHERS

2/2

Associate Editor of Letters in Drug Design & Discovery

H.-Y. Koh

Korea Inst. of Science and Technology,
Seoul, Korea

Regional Editor of The Open Cardiovascular and Thoracic Surgery Journal

Ki-Bong Kim

Dept. of Thoracic & Cardiovascular Surgery
Seoul National University
Seoul
South Korea


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Browse 및 Search

Browse

The screenshot shows the 'Browse' menu in a dark blue header. The 'Browse' item is highlighted with a red box. Below it, 'Journals »' and 'eBooks »' are listed. To the right, 'By Title' and 'By Subject' are shown with red arrows pointing to two purple-bordered boxes containing the Korean text '타이틀별 저널보기' and '주제분야별 저널보기' respectively. The background text includes 'Welcome to Be...' and 'Bentham Science is an international...'.

Search

The screenshot shows the 'Search' section of the website. The 'Search' item in the dark blue header is highlighted. Below the header, the 'Search Mode' section includes 'Select Search Mode:' with radio buttons for 'Basic Search' (selected), 'Advance Search', and 'Expert Search'. Below this is 'Number of Records Per Page:' with a dropdown menu set to '100'. The 'Basic Search' section features a search input field and a 'Search' button.

Browse

Browse Journals

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Adolescent Psychiatry

ISSN (Print): 2210-6766
ISSN (Online): 2210-6774



Anti-Cancer Agents in Medicinal Chemistry

(Formerly Current Medicinal Chemistry - Anti-Cancer Agents)

ISSN (Print): 1871-5206
ISSN (Online): 1875-5992



Adolescent Psychiatry

ISSN (Print): 2210-6766
ISSN (Online): 2210-6774

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7 Abstract Ahead of Print are available electronically

11 issue(s) are available electronically

Volume: 3

- ▶ Issue: 3, July, 2013
- ▶ Issue: 2, April, 2013
- ▶ Issue: 1, February, 2013

Free

기본 검색 결과 화면

Current Chemical Biology

Volume 4 Issue 2
ISSN: 1872-3136



All Titles

Protein Chemistry of Amyloid Fibrils and Chaperones: Implications for Amyloid Formation and Disease

pp.89-98 (10) **Authors:** Justin J. Yerbury, Janet R. Kumita

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Abstract:

Understanding the mechanisms by which amyloid fibrils are formed, both in vivo and in vitro, is vital for developing methods to treat and prevent debilitating deposition diseases such as Alzheimer's disease, Parkinson's disease, type II diabetes and systemic amyloidoses. In recent years, computer modelling and biophysical studies have broadened our understanding of the biochemical mechanisms underpinning protein aggregation. As a result, it is now believed that the ability to form fibrils is an intrinsic property of polypeptide chains and not isolated to disease-related proteins or peptides. Molecular chaperones are a diverse group of functionally related proteins well known for their ability to suppress amyloid formation, and are likely to be important determinants in deciding the fate of protein aggregation prone proteins in vivo. Evidence is presented that suggests that there is striking commonality in the anti-amyloidogenic activity of molecular chaperones regardless of their structural and spatial differences. In this review, we focus on what in vitro biophysical studies tell us about amyloid formation and molecular chaperones, and how investigating the role of chaperones in

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