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**Bucharest, Cluj and Iasi
April 2014**

Agenda

Introduction to Wiley / Publishing Overview

Publishing and Evaluating Research

Break

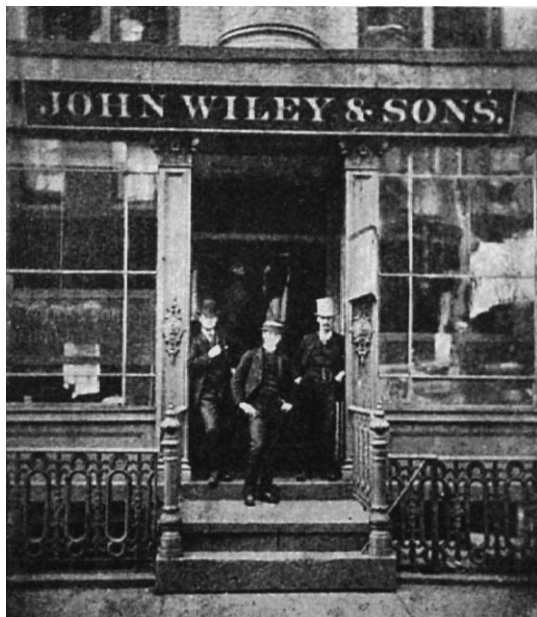
Ethics, Production and Metrics

Q & A

Wiley Author Workshops

This workshop will help participants gain insight on the types of academic publications available, the processes involved in getting material published and understand the expectations editors have of authors and their work.

Leaders in quality



A screenshot of the Wiley Online Library website. The page displays a chemistry article titled "Synthetic Studies toward Galbulimima Alkaloid (-)-GB 13 and (+)-GB 16 and (-)-Himgaline" by Weiwei Zi, Dr. Shouyun Yu, Prof. Dr. Dawei Ma. The article is from the journal "Chemistry - An Asian Journal", Volume 6, Issue 2, pages 573-579, published on February 1, 2011. The page includes a search bar, navigation tabs (Abstract, Article, References, Compound Index, Cited By), and a "COMPOUND BROWSER" section showing chemical structures of the article's compounds.

Evolving from being a provider of content in static form to a provider of dynamic new types of products and services

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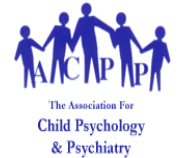
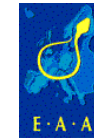
Nobel Prize Winners

Marie Curie
Ivan Pavlov
Kofi Annan
Nelson Mandela
Günter Grass
Mikhail Gorbachev
Woodrow Wilson
Milton Friedman
Albert Einstein
Akira Suzuki
George Bernard Shaw
Ei-ichi Negishi
Sir Alexander Fleming
Christopher A. Sims
Earl Bertrand Russell
Leymah Gbowee
Henry Kissinger
Bruce A. Beutler
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Jules A. Hoffman
Frédéric Joliot & Irène Joliot-Curie
Brian P. Schmidt
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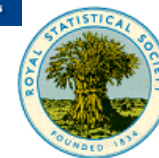
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PUBLICATIONS A - Z

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4,000 academic libraries worldwide license our journals

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13.5 million unique visitors visit our journals on Wiley Online Library each month

Open Access Publishing with Wiley

- 29 **Open Access** journals
- 1,350 *Hybrid* journals – **OnlineOpen**

Wiley in 2012 JCR

1192 Wiley journals (approximately 77%) indexed in JCR.

Equivalent to 11% of all journals in JCR.

Titles indexed in 218/232 subject categories.

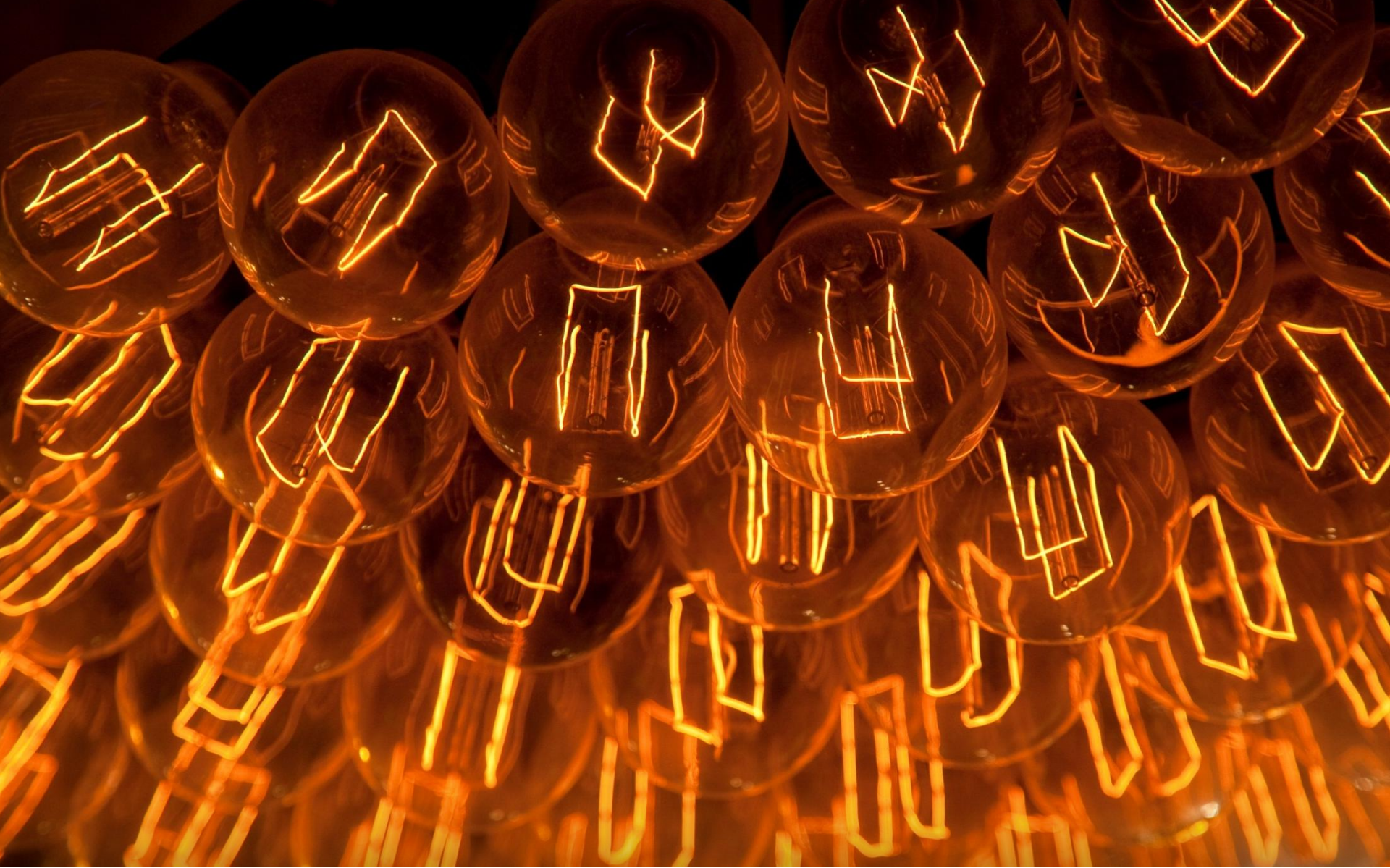
Wiley in 2012 JCR

Wiley journals make up the largest share of journals in 50 categories.

Of publishers with more than 100 journals indexed in the 2012 JCR, Wiley saw the largest proportion of titles (close to 60%) increasing in Impact Factor (IF).

#1 in 25 JCR categories

Andrology * Biodiversity Conservation * Biophysics *
Business, Finance * Construction & Building Technology *
Dentistry, Oral Surgery & Medicine * Ecology * Education,
Scientific Disciplines * Family Studies * Fisheries * Food
Science & Technology * Geography, Physical * Health Care
Sciences & Services * Mathematical & Computational
Biology * Neuroimaging * Nuclear Science & Technology *
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Journal Publishing

2013

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Article

A flexible docking scheme to explore the binding selectivity of PDZ domains

Z. Nevin Gerek^{1,2}, S. Banu Ozkan^{1,2*}

Article first published online: 1 MAR 2010

DOI: 10.1002/pro.366

Issue



Protein Science

Volume 19, Issue 5, pages
914–928, May 2010

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Keywords:

protein flexibility; PDZ domain; docking; selectivity; ROSETTALIGAND

Abstract

Jump to...

Modeling of protein binding site flexibility in molecular docking is still a challenging problem due to the large conformational space that needs sampling. Here, we propose a flexible receptor docking scheme: A dihedral restrained replica exchange molecular dynamics (REMD), where we incorporate the normal modes obtained by the Elastic Network Model (ENM) as dihedral restraints to speed up the search towards correct binding site conformations. To our knowledge, this is the first approach that uses ENM modes to bias REMD simulations towards binding induced fluctuations in docking studies. In our docking scheme, we first obtain the deformed structures of the unbound protein as initial conformations by moving along the binding fluctuation mode, and perform REMD using the ENM modes as dihedral restraints. Then, we generate an ensemble of multiple receptor conformations (MRCs) by clustering the lowest replica trajectory. Using ROSETTALIGAND, we dock ligands to the clustered conformations to predict the binding pose and affinity. We apply this method to postsynaptic density-95/Dlg/ZO-1 (PDZ) domains; whose dynamics govern their binding specificity. Our approach produces the lowest energy bound complexes with an average ligand root mean square deviation of 0.36 Å. We further test our method on (i) homologs and (ii) mutant structures of PDZ where mutations alter the binding selectivity. In both cases, our approach succeeds to predict the correct pose and the affinity of binding peptides. Overall, with this approach, we generate an ensemble of MRCs that leads to predict the binding poses and specificities of a protein complex accurately.

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A flexible docking scheme to explore the binding selectivity of PDZ domains

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²Department of Physics, Arizona State University, Tempe, Arizona

Received 20 August 2009; Revised 16 December 2009; Accepted 8 February 2010

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Published online 1 March 2010 proteinscience.org

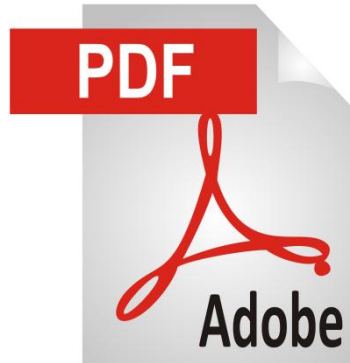
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- Also not optimised for tablets or mobile devices.

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Research Article

Fractures in Children With Neurofibromatosis Type 1 From Two NF Clinics

Jaya K. George-Abraham¹, Lisa J. Martin¹, Heidi J. Kalkwar², Margaret B. Riele³, David A. Stevenson⁴, David H. Viskochil⁴, Robert J. Hopkin¹, Austin M. Stevens⁴, Heather Hanson⁴, Dr. Elizabeth K. Schorry^{1,*}



American Journal of Medical Genetics Part A
Volume 161, Issue 5, pages 921-926, May 2013

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Keywords:
neurofibromatosis 1; fractures, bone; bone mineral density; pediatric

Abstract

Jump to...

Neurofibromatosis type 1 (NF1) is an autosomal dominant genetic disorder with osseous abnormalities occurring in up to one-third of patients. Several studies have documented osteopenia in both children and adults with NF1; however, the significance of lower bone mineral density (BMD) in relationship to fracture incidence is not well elucidated in NF1, particularly in children. We undertook a retrospective study to determine prevalence and location of fractures in children and adolescents with NF1, ages 5-20 years, using a standardized questionnaire. We surveyed 256 individuals with NF1 from two multidisciplinary NF centers and 178 controls without NF1 of similar ages and sex. Participants with known low bone dysplasia (LBD) were analyzed separately. Data collected included numbers and location of fractures, dietary calcium intake, and physical activity levels. There was no difference in prevalence of ever having a fracture between the NF1 group without LBD (22%) and the control group (25%); median number of fractures also did not differ. There were significant differences in fracture location with a higher frequency of fractures of the lower extremities in NF1 individuals without LBD compared to controls. Both NF1 cohorts had lower rates of physical activity than controls ($P < 0.0001$). Our data demonstrate that the likelihood of having had a fracture is not higher in young NF1 individuals without LBD in comparison to healthy controls. The lower physical activity level may have a "protective effect" for those with NF1, thus keeping their fracture incidence lower than expected for their relative degree of osteopenia. © 2013 Wiley Periodicals, Inc.

INTRODUCTION

Jump to...

Neurofibromatosis type 1 (NF1) is a common autosomal dominant genetic disorder that affects 1: 3,000 individuals worldwide. This disorder is fully penetrant, but expressivity is variable. At least one-third of individuals with NF1 have an osseous abnormality of some type [Crawford and Schorry, 1999], which can include congenital tibial dysplasia, pseudarthrosis, scoliosis, pectus deformities, bone cysts, and decreased bone mineral density (BMD).

American Journal of Medical Genetics Part A

Research Article

Fractures in Children With Neurofibromatosis Type 1 From Two NF Clinics

Jaya K. George-Abraham Lisa J. Martin Heidi J. Kalkwarf
Margaret B. Rieley David A. Stevenson David H. Viskochil
Robert J. Hopkin Austin M. Stevens Heather Hanson
Dr. Elizabeth K. Schorry ✉



Volume 161, Issue 5
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First published: 25 March 2013 [Full publication history](#)

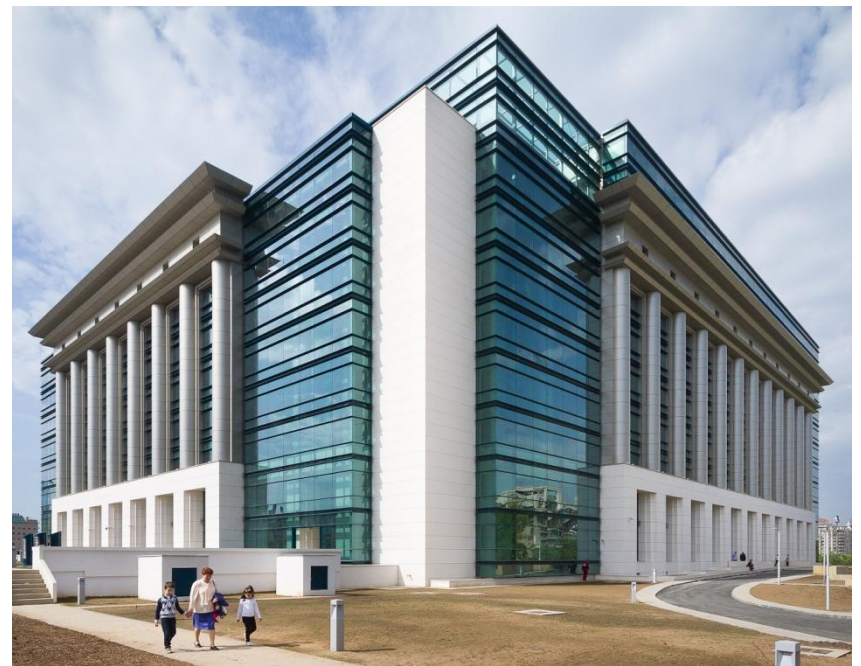
DOI: [10.1002/ajmg.a.35541](https://doi.org/10.1002/ajmg.a.35541)

✉ Cincinnati Children's Hospital Medical Center, 3333 Burnet Avenue, MLC 4006, Cincinnati, OH 45229.

Abstract

Neurofibromatosis type 1 (NF1) is an autosomal dominant genetic disorder with osseous abnormalities occurring in up to one-third of patients. Several studies have documented osteopenia in both children and adults with NF1; however, the significance of lower bone mineral density (BMD) in relationship to fracture incidence is not well elucidated in NF1, particularly in children. We undertook a retrospective study to determine prevalence and location of fractures in children and adolescents with NF1, ages 5–20 years, using a standardized questionnaire. We surveyed 256 individuals with NF1 from two multidisciplinary NF centers and 178 controls without NF1 of similar ages and sex. Participants with known long bone dysplasia (LBD) were analyzed separately. Data collected included numbers and location of fractures, dietary calcium intake, and physical activity levels. There was no difference in prevalence of ever having a fracture between the NF1 group without LBD (22%) and the control group (25%); median number of fractures also

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Published Papers in Wiley Journals

Table to show the number of unique papers published by Romanian authors and academics in Wiley Journals

Year	Total unique papers *
2009	202
2010	233
2011	232
2012	223 (Jan to October)
Total	890

* includes articles, reviews and proceeding papers

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Feedback from Romanian Market

1. What type of content are academics using in Romania?

Product	% of academics using each product
Full text journals	80%
Databases	75%
E-books, Encyclopaedias and E-dictionaries	40%
Patent databases	25%
Other	6%

Based on feedback from academics as featured in the ANELIS survey, <http://www.anelis.ro/images/stories/seis.pdf> (p. 25)

Feedback from Romanian Market

2. Informational requirements* from Romanian academics:

- Need for broad area of interest
- The need for a vast spectre of information from numerous sources
- High interest in scientific fields related to their subject area
- The absence of linguistic barriers

* Source: Acces national electronic la literatura stiintifica de cercetare, ANELIS, <http://www.anelis.ro/images/stories/seis.pdf> (p. 25)

Demand for Wiley content in Romania

- 89% of institutions surveyed¹ wanted access to *Wiley Online Library*
- The number of articles accessed tripled from 2009 to 2011

Year	Total usage (downloads)
2009	55,180 *
2010	162,293 *
2011	171,864 *
2012	57,820 **

* Source: ANELIS, http://www.anelis.ro/index.php?option=com_content&view=article&id=81&Itemid=2

** Source: Wiley Online Library usage statistics for ANELIS institutions

¹Source: ANELIS survey of 47 Romanian institutions, *Acces national electronic la literatura stiintifica de cercetare*, ANELIS, <http://www.anelis.ro/images/stories/seis.pdf> (p. 10)

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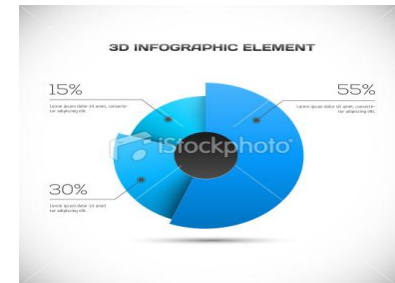


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