

SPS' Digest the Swiss Proteomics Society selection of proteomics articles

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URL: <http://www.swissproteomicsociety.org/digest/>

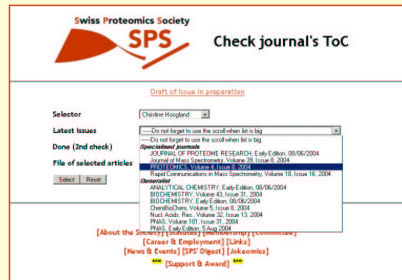


Introduction

We present herein an initiative launched by the **Swiss Proteomics Society** in **2003** that aims at creating a **virtual journal** in proteomics. The purpose is to bring to all researchers active in proteomics a **selection of articles** published in all scientific publications that are pertinent to the field. Despite consolidation of the specialized proteomic literature around a few established journals, such as *Proteomics*, *Molecular and Cellular Proteomics*, *Journal of Proteome Research*, a lot of information is still spread within many different publications from different fields, such as analytical sciences, mass spectrometry, bioinformatics... Our purpose is to **gather a selection of proteomics articles**, to **categorize** them and to make the list available on a periodic basis through a **web page** and **email alert**.

Methods

Currently around **twenty** different journal issues are **reviewed** each month, including *Proteomics*, *Mol. Cell. Proteomics*, *J. of Proteome Res.*, *Int. J. of Mass Spectrometry*, *J. of The American Society for Mass Spectrometry*, *Mass Spectrometry Rev.*, *RCMS*, *PNAS*, *Nature*, *Bioinformatics*, *Electrophoresis*, *Anal. Chem.*, *J. of Chromatography A / B*, ... The selection of articles is made by the SPS members through an automated **web-based submission of table of contents** (see figures on the right). The members can also submit their own selection of articles to the SPS by using the template available at <http://www.swissproteomicsociety.org/digest/template.html>



Choose category for articles to be included, then submit data

PROTEOMICS, Volume 4, Issue 8, 2004

Include	Category	Article
<input type="checkbox"/>		Cover Picture: Proteomics 8/2004 Pages: NA DOI: 10.1002/prot.200400054
<input type="checkbox"/>		Editorial: Understanding Biological Systems through Proteomics Patricia Pinget, Jean-Charles Sanchez, Reto Stöcklin Pages: 2009-2210 DOI: 10.1002/prot.200400058
<input checked="" type="checkbox"/>	Quantitation	Quantify 2D-MS on a round table discussion on quantitative mass spectrometry in proteomics Marcelo Quadrini, Axel Ducrot, Reto Stöcklin Pages: 2211-2215 DOI: 10.1002/prot.200400059
<input type="checkbox"/>		Identification of swi5p31 in human lymphocytes Françoise Vialaret, Nathalie Rufier, Armgard Kraus, Patricia Carthey, Philippe Schneider, Jean-Daniel Tissot Pages: 2216-2220 DOI: 10.1002/prot.200400079
<input type="checkbox"/>	Bioinformatics	Biological endoproteases Enzymed and clinical applications Lokanath Chell and Ines Frenkel Pages: 2221-2226 DOI: 10.1002/prot.200400080
<input type="checkbox"/>		Antioxidant role of human heptoglobin Chi-Fang Tsang, Chia-Ching Lin, Hsing-Ti Huang, Hui-Chun Liu, Simon J. T. Mao Pages: 2227-2228 DOI: 10.1002/prot.200400081
<input type="checkbox"/>	Protein-protein interaction	Cystatin C as a potential cerebrospinal fluid marker for the diagnosis of Creutzfeldt-Jakob disease Jean-Charles Sanchez, Elisabeth Gullmann, Pierre Leocuyer, Laure Allard, Odile Carrette, Alex Scheri, Jennifer Burgess, Gheryl J. Corbals, Pierre R. Burkhard, Denis F. Hochstrasser Pages: 2229-2233 DOI: 10.1002/prot.200400077
<input type="checkbox"/>		Identification of post-mortem cerebrospinal fluid proteins as potential biomarkers of ischemia and neurodegeneration Pierre Leocuyer, Laure Allard, Catherine G. Zimmermann-Invil, Jennifer A. Burgess, Séverine Hughes-Fruttiger, Pierre R. Burkhard, Jean-Charles Sanchez, Denis F. Hochstrasser Pages: 2234-2241 DOI: 10.1002/prot.200400078

Results

Free **monthly** email alert is sent to **SPS members** and **subscribers** of the selection of pertinent articles, with **direct links to PubMed** (free abstract access) and **publisher web sites** (full-content access for subscribers). A web page for each SPS' Digest issue is also available from the Swiss Proteomics web site (<http://www.swissproteomicsociety.org/digest/>), where one can also browse through the archives of previous issues. We encourage any scientist in the field to send its contribution to SPS' Digest issues (see above).

Swiss Proteomics Society
SPS' Digest
Issue 09, 4-Aug-2004

To receive the SPS selection of proteomics articles by email, you may subscribe here

In this Issue, 123 articles have been selected from:

- ANALYTICAL CHEMISTRY, Volume 76, Issues 13-14-15, 2004 (13 articles)
- Amino Acids, Early Edition, 14 July 2004 (1 article)
- Ann NY Acad Sci, Volume 1022, 2004 (4 articles)
- Biochem J., Early Edition, 09 July 2004 (1 article)
- Bioinformatics, Volume 20, Issues 10-11, 2004 (12 articles)
- Cell Biochem, Volume 97, Issue 7, 2004 (2 articles)
- Cell Growth, Volume 6, Issue 3, 2004 (1 article)
- ELECTROPHORESIS, Volume 25, Issues 13-14, 2004 (13 articles)
- International Journal of Mass Spectrometry, Volume 234, Issue 1-3, 2004 (4 articles)
- J Biol Chem, Early Edition, 09 July 2004 (1 article)
- J Cancer Res Clin Oncol, Early Edition, 09 July 2004 (1 article)
- J Immunol Methods, Volume 261(1-2), 2004 (1 article)
- J Struct Funct Genomics, Volume 5, Issue 3, 2004 (1 article)
- JOURNAL OF PROTEOME RESEARCH, Early Edition, 07/02/2004-07/16/2004 (7 articles)
- Journal of Chromatography A, Volume 1043, Issue 1, 2004 (8 articles)
- Journal of Chromatography B, Volume 816, Issue 1, 2004 (2 articles)
- Journal of The American Society for Mass Spectrometry, Volume 15, Issue 7, 2004 (1 article)
- Mass Spectrometry Reviews, Volume 23, Issue 5-6, 2004 (1 article)
- Mol Cell Proteomics, Volume 3, Issue 7, 2004 (7 articles)
- Nature, Volume 430, Issues 698-699, 2004 (2 articles)
- PNAS, Volume 101, Issues 20-21, 2004 (13 articles)
- PROTEOMICS, Volume 4, Issue 8, 2004 (123 articles)
- Protein Res Pract, Volume 200, Issue 2, 2004 (11 articles)

Disclaimer: The selection and categorization reflect the views and understanding of contributors (i.e. SPS members).

Quick jumps to articles in: [Bioinformatics \(16\)](#) / [Biological applications \(8\)](#) / [Biomedical applications \(23\)](#) / [Clinical applications \(20\)](#) / [Eukaryotic Cells and Tissues \(1\)](#) / [Prokaryotes \(2\)](#) / [Protein Array \(2\)](#) / [Protein Characterization \(11\)](#) / [Protein-protein Interaction \(3\)](#) / [Quantitation \(4\)](#) / [Review \(4\)](#) / [Methodology \(29\)](#) / [Books \(3\)](#) / [Meeting \(1\)](#) / [Other \(6\)](#)

Top of the web page of a SPS' Digest issue, which summarizes the included journals (with the respective numbers of articles), and the quick jumps to the list of categories (with the respective numbers of articles).

Follow-up of the web page of a SPS' Digest issue, showing the list of articles of a specific category (here, Bioinformatics as an example).

Bioinformatics

Towards developing a portable infrared spectra database (PIRD) for proteomics research
Joachim A. Harig, Peter R. Innocent, Parvez I. Harris
PROTEOMICS (2004) 4(8): 2310-2319

Mining mass spectra for diagnosis and biomarker discovery of cerebral accidents
Julien Prados, Alexandros Kalousi, Jean-Charles Sanchez, Laure Allard, Odile Carrette, Malenia Hilaro
PROTEOMICS (2004) 4(8): 2320-2322

In vitro and in silico approaches to identify differentially expressed proteins
Nadia Akh, Nicolas Barillet, Thierry Baussant, Celia Boriana, Paolo Bort, Lydie Bougueleret, Nicolas Buche, Denis Cantot, S. Chigot, Nicolas Christmann, Jacques Collige, Isabelle Cusin, Nicolas Darbois, Benoit Depress, Ines Frenkel, Pascal Franchi, Gilles, Eduardo Gonzalez-Couto, Catherine Jeanrenaud, Abderrahim Kammine, Thomas Kovall, Sophie Lagache, Eve Maha Mattou, Marc Montautou, Anne Nivrajad, Marlaine Paoletti, Frédéric Perrot, Nicolas Pinard, Frédéric Ranno, Sylvain Rannou Regamey, Pierre-Arthur Roy, Patricia Rodriguez-Tome, Keith Rose, Gérard Roussellet, Cedric Sautere, Camille Schmidt, Ma
PROTEOMICS (2004) 4(8): 2333-2351

SPS5-ZDPAPE, ten years later
Christine Hoogland, Khaled Mostaguir, Jean-Charles Sanchez, Denis F. Hochstrasser, Ron D. Appel
PROTEOMICS (2004) 4(8): 2352-2358

Towards data management of the HEPD Human Brain Proteome Project pilot phase
Martin Stiggle, Sorja Bailey, Gerhard Körtgen, Christian Stephan, Kai A. Reilgaard, Herbert Thiele, Rolf Apweiler, Michael Hamacher, Helmut E. Meyer
PROTEOMICS (2004) 4(8): 2361-2362

Advances in the development of common intercharge standards for proteomic data
Sandra Ochand, Chris F. Taylor, Henning Hermjakob, Weimin Zhu, Randall K. Julian Jr., Rolf Apweiler
PROTEOMICS (2004) 4(8): 2363-2365

Bioinformatics in proteomics: application, terminology, and pitfalls
Werner J.C. Prokudin A
Protein Res Pract (2004) 200(2): 177-8.

Bioinformatics strategies for proteomic profiling
Zhiguo Chen, Chan DW, Zhang Z
Cell Biochem (2004) 93(1): 436-41.

Open Mass Spectrometry Search Algorithm
Lukas V. Geer, Sanford P. Mackay, Jeffrey A. Kowalik, Lukas Wagner, Dawn M. Maynard, Xiaoyu Yang, Wenyao Shi, and Stephen H. Bryant
JOURNAL OF PROTEOME RESEARCH Early Edition; published 07/02/2004



Direct link to the publisher web site, providing at least free access to the abstract article, and full-content for subscribers.

About the Swiss Proteomics Society

The mission of the **Swiss Proteomic Society** is to promote **research** and **education** in the science of **Proteomics** in Switzerland as well as in other countries. Our objectives are:

- * to hold and arrange **courses** and **meetings** on matters connected to Proteomics
- * to facilitate the **exchange** of scientific **information** between biochemists, molecular biologists, biologists, chemists and related scientists generally and especially in Switzerland through meetings, discussions, courses, conferences, etc.