



## Newsletter #4 - announcing **MS**Pedia!

**An innovative, multi-lingual, web-based IMSF project!**



**Dear IMSF Board members and Affiliates,**

It is with much enthusiasm and pleasure that I announce the launching of a new IMSF project: **MS**pedia. After discussions at our board meeting during ASMS last June, we were looking for a sponsor for the MSpedia project. I would therefore like to announce that **Waters Corporation** have responded positively and agreed to cover all costs to implement the web-base platform for **MS**pedia.

The website construction of the **MS**pedia has therefore already started and we will begin inviting associate editors by the beginning of 2012. The plan is to announce the project and to have it fully functional for the **Kyoto 2012 conference**, with a few chapters and subjects available in a number of different languages.

For the Geneva conference in 2014, when we will celebrate the **20<sup>th</sup> anniversary of IMSF**, we plan to have a comprehensive set of MS information available in many languages and hence to announce **MS**pedia as *"the most authoritative source of free, web-based multi-lingual MS information"* as a gift from IMSF to the whole world!"

A summary of the original project is shown below. We are now working to improve the project and to implement web-features and tools in the **MS**pedia website, hence all suggestions from board members are very welcomed.

Sincerely Yours,

Marcos N. Eberlin

IMSF president

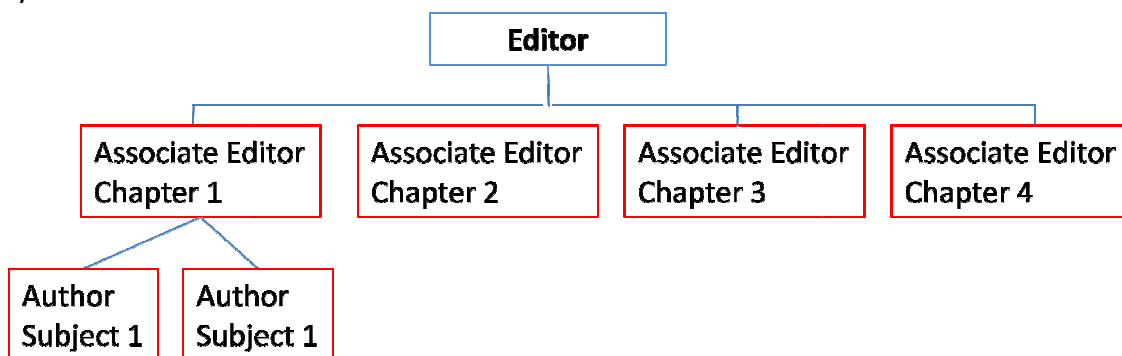
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***The most authoritative source of free, web-based multi-lingual information about Mass Spectrometry!***

1. **Goal.** To disseminate correct and authoritative knowledge about the most fundamental MS principles and applications, its history and current major trends, throughout the whole world and in as many different languages as possible.
2. **Strategy.** To utilise a fully open access web-based, easy to access platform supported by IMSF and sponsored by a major MS company and directly linked to the IMSF homepage.
3. **Writers and Editors.** The Editor is indicated by the executive board of IMSF. Experts in the field are then invited by the Editor to function as associate editors for designated chapters. Associate editors then invite experts in his field to act as authors. EAll work will be voluntary;,i. e. there will be no payments to anyone. A list of associate editors and authors will be created with a short resume , a photo, and link to their webpage. with each Chapter linking to the appropriate information. will .
4. **Sponsorship:** A company may pay for project implementation. In return the company will have its logo displayed in all MSpedia pages and advertisement material. This will be directly linked to its homepage.
5. **Copyright/Use of the material.** The *MSpedia* material would be free to anyone to use it. It would serve as a key authoritative reference in the field. The main purpose would be:
  - a) **for beginners**, to provide rapid, free, comprehensive and most reliable and updated source of MS knowledge
  - b) **for teachers (undergraduate/graduate classes)**, to provide free state-of-the-art authoritative text and figures for teaching basic principles and applications of MS in many different languages.

6. **Layout**



7. **Translation.** All the affiliate societies will have the right to translate the material to their own languages. A single official translator, who should be a mass spectrometrists, will be indicate by each affiliate society and be responsible for the translation. A list of translators with photo, resume and homepage will also be created with links. Translations should be restricted to reproduce with high fidelity the original material.
8. **Chapters and subjects.** The chapters and subjects should discuss the main principles and applications of mass spectrometry and should be extended continually and updated frequently (Editor's and associate editor's decision) to reflect changes and new trends in the field.
9. **Hierarchy.**
  - a. The Editor selects a chapter and invites an associate editor.
  - b. The Associate Editor invites a major author to write a subject.
  - c. The major author, if he wishes may invite up to two co-authors.
  - d. The Editor authorizes the translator to translate material to the language of an affiliate society.
10. **Main topics.** An illustrative list of main Chapters (**Editor's decision**) is provided below.
  - a. Introduction – What is MS? Overview

- b. MS Basic principles ( $m/z$ , isotopes, exact mass, mass defects, rules, spectrum)
- c. Major ionization techniques
- d. Major mass analyzers
- e. Ion Detection
- f. MS history
- g. MS Terms & Definitions
- h. Interpretation of Mass spectra
- i. Couplings. GC-MS - LC-MS - CE-MS - ICP-MS –IMS-MS
- j. Major Applications. MS in the Pharmaceutical Sciences
- k. Major Applications. MS in Proteomics
- l. Major Applications. MS in Environmental Analysis
- m. Major Applications. MS in Forensic Analysis
- n. Hot Topics. MS in Ion Imaging
- o. Hot Topics. Ambient MS
- p. Hot Topics. MS in reaction mechanism studies
- q. Hot Topic. Miniature MS.

**11. Timing**

- a. **Project Implementation.** The plan is to contract a web design company and to have the website fully operational by march 2012.
- b. **Lauching of MSpedia.** The plan is to have a few chapters ready to launch the MSpedia project at the Kyoto 2012 Conference.

Marcos N. Eberlin  
IMSF president  
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