

# I3S 2004 Abstract SAMPLE

Page 1 |----- 145mm -----|

Title → **MASS SPECTROMETRY IN THE STRUCTURAL STUDY OF  
PROTEIN VARIANTS**

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Start text on

this line (use  
single spac-  
ing) → Many genetic diseases are caused by structurally aberrant proteins having single  
mutations in their amino acid sequences. To delineate the pathological mechanism  
with which these diseases develop, it is essential to elucidate the precise structure of  
the aberrant proteins. As described below, not a few advances in the mass  
spectrometric technologies for this purpose were remarkable among the protein and  
genetic technologies that have been developed in the last decade.

First, electrospray ionization mass spectrometry (MS) allows us to measure the molecular  
weight of the proteins with twenty or thirty kilo-daltons very. . . . .

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conventional chemical methods for protein sequencing.

It is noteworthy that any of these analyses are rapid and the results are unambiguous  
compared with chemical methods for the same purposes.

. . . . .

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## REFERENCES

1. Y. Wada, T. Matsuo and T. Sakurai. *Mass spectrom. Reviews*.  
8: 379-434(1989)

2. Y. Wada. *Biol. Mass Spectrom.*, 21: 617-624 (1992)

3. Y. Wada, T. Matsuo, I. A. Papayannopoulos, C. E. Costello and K. Biemann. *Int. J.*  
*Mass. spectrom. Ion Processes*, 122: 219-229 (1992)

(14P) B.

(12P) Arial

200mm

## Instructions for Preparation of Abstracts

We hope you type your abstract according to the instructions, otherwise it will not match the others.

1. **Abstracts** should be written in English, typed by computer with word 2000. The whole typescript should be not more than **2pages** (leaving the back blank). The typed **area** of each page should be **145mm×200 mm**. The original abstract and a xerox copy should be sent.

2. The **type font** and size should be **as shown in the SAMPLE**: **title** should be **14 point boldface**, figure (or table) caption and table should be **10 point Arial** (Word for Windows), **the rest of the text** should be in **12 or 10 point Arial**. Each letter of the title and subtitles should be in capitals.

3. All lines should begin at the left-hand margin, leaving no space blank. Before subtitles, there should be an extra half line spacing. Numbers and captions of figures should be typed close to the bottom of the corresponding illustrations. Numbers and captions of tables should be typed close to the top of the table.

4. The lines in figures should be clear, continuous and even. The words in figures should be typed in 8 point with a laser printer, then glued or typed into place in the figure. Original photographs or electron-micro-graphs should be **glued** to the proper position in the text. Xerox copies and negative plates are not acceptable. Another photograph should be sent for additional use and the title of the paper, the name of the first author and figure number should be written on the back of the photograph with a soft pencil.

5. The **first page** of the abstract should be **typed according to the SAMPLE**: title, author's name or author's names (speaker's name should be underlined), address (including work until and postal code number) and abstract text. Leave a line blank between each of the above items. Surnames should be all in capital letters.

6. **Scientific units** should be in **SI**, with capital letters used correctly.

7. The number of references should not exceed 5.