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## BIOGRAPHICAL SKETCH

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NAME Rabilloud Thierry	POSITION TITLE Head of the team Proteomics, Differentiation and Metals		
CURRENT AFFILIATION Chemistry and Biology of Metals (LCBM), UMR CEA-CNRS-UJF 5249 CEA-Grenoble, France Phone: +33 438 783 212 Email: Thierry.rabilloud@cea.fr			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Ecole Normale Supérieure Paris, France	PhD	1985	Biochemistry
Institut Pasteur, France	Post doc	1988-1991	Biochemistry
Permanent position at the CNRS		1992	Biochemistry
Team head at the CNRS		2005	Proteomics

### List of five recent publications by the candidate:

Rabilloud T\*, Chevallet M, Luche S, Lelong C. Two-dimensional gel electrophoresis in proteomics: past, present and future. *J Proteomics*. 2010 73: 2064-2077

Rabilloud T\*. Variations on a theme: changes to electrophoretic separations that can make a difference. *J Proteomics*. 2010 73:1562-1572

Rabilloud T\*, Vaezzadeh AR, Potier N, Lelong C, Leize-Wagner E, Chevallet M. Power and limitations of electrophoretic separations in proteomics strategies *Mass Spectrom Rev*. 2009 28:816-843

Villiers C, Chevallet M, Diemer H, Couderc R, Freitas H, Van Dorsselaer A, Marche PN, Rabilloud T\* From secretome analysis to immunology: Chitosan induces major alterations in the activation of dendritic cells via a TLR4-dependent mechanism. *Mol Cell Proteomics*. 2009 8:1252-1264

Gibson F\*, Anderson L, Babnigg G, Baker M, Berth M, Binz PA, Borthwick A, Cash P, Day BW, Friedman DB, Garland D, Gutstein HB, Hoogland C, Jones NA, Khan A, Klose J, Lamond AI, Lemkin PF, Lilley KS, Minden J, Morris NJ, Paton NW, Pisano MR, Prime JE, Rabilloud T, Stead DA, Taylor CF, Voshol H, Wipat A, Jones AR.  
Guidelines for reporting the use of gel electrophoresis in proteomics. *Nat Biotechnol*. 2008 Aug;26(8):863-4

### Please indicate in 200 words or less the reason(s) why you would be a suitable candidate for the HUPO Council elections.

My research interest has always focused in proteomics, as I started in the field of large-scale protein biochemistry long before it became proteomics. My current research interests are focused on the analysis of complete proteins, as the elucidation of the PTM landscape of proteins will be one of the next big challenges for proteomics. I have co-authored more than 110 publications in the field, including 12 reviews.

I have also been part of the HUPO adventure since the very beginning, as one of the organizers of the first HUPO meeting (Versailles, 2002). I have served as a HUPO council member since 2005, and worked in different HUPO committees (education, technologies, membership) to help in the evolution of HUPO. I have also been involved in the educational days at HUPO meetings since 2008.

In 2010, I have become the chair of the Education Committee, and there are two educational initiatives that I would like to push forward, namely the Tutorial program (coordinated by Peter James) and the Master Classes in Proteomics, which will be introduced at the Geneva HUPO 2011 meeting. Educational actions are indeed the major motivation for which I am seeking re-election at the HUPO Board of Directors.