Introduction

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This issue of the European Journal of Mass Spectrometry is devoted to the 20th anniversary of its first publication in 1995. The Journal has been established throughout this time span as a solid source for publishing results and data stemming not only from classical mass spectrometry but also from other areas of research such as physics, environmental chemistry or medicine and structural biology. Over the years, more than 1100 papers have been published in the journal showing its broad service to the scientific community.

For this anniversary, a large number of colleagues have been invited by the chairman of the Managing Board, Hans-Friedrich Grützmacher, and the Editor-in-Chief of the journal, Peter Derrick. 52 papers have been accepted for this central 2015 issue compared to 14 papers in the very first issue (January/February 1995). It should be noted that five authors from the first issue have also contributed to this special issue. As the special issue editor, I would like to thank all authors for their timely contribution and the smooth progress with the manuscripts, revisions (if necessary) and print proofs. My special thanks goes to Sara Green and Ian Michael from IM Publications for their help and support during all stages of the production of the issue.

The papers accepted show nicely the broad range of mass spectrometry. Starting with an account about time-of-flight mass spectrometers, papers from theoretical considerations, applications, method developments and mechanisms give a perfect picture of the current status of mass spectrometry. I hope that the reader of this issue will get a good insight into the scientific work and the quality of the research published in the European Journal of Mass Spectrometry.