
Preface

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Volume 34 of the Specialist Periodical Reports on Organometallic Chemistry sees a change in the Scientific Editor. Professor Michael Green (University of Bristol, UK) has stepped down after many years of excellent service. Michael is thanked for all his hard work and commitment to this SPR. He is replaced by Drs Ian Fairlamb and Jason Lynam (University of York, UK).

Following on from detailed discussions with the SPR board, the new Scientific Editors, and in consultation with new and existing authors, the format of this SPR has been changed to reflect the emerging interdisciplinary interface between organic synthesis, main group applications and organometallic chemistry.

An exciting series of highlights and critical reviews have been introduced, and this is a particular feature of this volume and indeed will be in future volumes. For example, in volume 34 Professor Todd Marder reports on “*Metal boryl compounds and metal-catalysed borylation processes*”, focussing specifically on important synthetic applications and providing a detailed insight into mechanistic questions that continue to emerge in this fascinating area of research. Dr Tilmann Geldbach reports on “*Organometallics in ionic liquids*”, which is a topical area at the present time, particularly from a synthetic organometallic perspective. Dr David Procter reports on “*Samarium enolates and their application in organic synthesis*”, specifically focussing on the role that samarium enolates play in many important synthetic transformations. We have further included the more traditional comprehensive-style reviews covering the fundamental aspects of organometallic chemistry (covering the literature between January 2004 and December 2005), which lie at the very core of this SPR series. The articles included in this volume serve to demonstrate the breadth and creativity in the field of organometallic chemistry and its application to diverse areas of chemistry.

