

Preface

This book provides an introduction for students and interested researchers who wish to explore the biological interactions of metallointercalators. The emphasis is on what techniques can be used to synthesise, characterise and assess the biological interactions of these metal complexes. There are many research articles in the literature but what was lacking was a book that brought all of this basic information together. I hope that this book provides a good starting point for your research journey with metallointercalators.

The book is composed of four parts where we introduce some of the biomacromolecules that metallointercalators have been reported to target; explore the synthesis and characterisation of some examples; use several biophysical techniques to probe the interactions with biomacromolecules and lastly use *in vitro* and *in vivo* assays to assess the biological activity of metallointercalators.

Sydney, Australia

J. Aldrich-Wright

Metallointercalators

Synthesis and Techniques to Probe Their Interactions
with Biomolecules

Aldrich-Wright, J. (Ed.)

2011, XXVIII, 427 p., Hardcover

ISBN: 978-3-211-09427-3