CONTENTS

4-5  FOREWORD/PREFACE
     Jacques Moyrand/Duncan Q.M. Craig

6-7  LIST OF PARTICIPANTS

38th ACADÉMIE DES ALPILLES, 2004
SUSTAINED RELEASE FORMULATION
WITH LIPID BASED EXCIPIENT

PART I

9   LIPID MATRICES FOR SUSTAINED RELEASE - AN ACADEMIC OVERVIEW
     Pr Duncan Q.M. CRAIG

21  SUSTAINED RELEASE FORMULATIONS WITH LIPID DERIVED EXCIPIENT;
     BIG PHARMA PERSPECTIVES - WHY AND WHEN
     Pr Elizabeth B. VADAS

29  SUSTAINED RELEASE LIQUID FILLED HARD GELATIN CAPSULES IN DRUG
     DISCOVERY AND DEVELOPMENT: A SMALL PHARMACEUTICAL
     COMPANY'S PERSPECTIVES
     Dr Stephen K. DORDUNOO

PART II

41  STRUCTURAL AND THERMAL CHARACTERISATION OF LIPIDIC EXCIPIENTS
     AND CARRIERS BY X-RAY DIFFRACTION COUPLED TO DIFFERENTIAL
     MICROCALORIMETRY
     Pr Michel OLLIVON

51  POLYMER-COATED LIPID NANAOSTRUCTURES AS CARRIERS FOR ORAL
     PEPTIDE DELIVERY
     Dr Maria José ALONSO

63  CONTROLLED RELEASE OF ACRIVASTINE AND PSEUDOEPHEDRINE USING
     LIPID-BASED COMPRITOL® AND HYDROPHILIC METHOCEL®
     Dr Xiaochen GU

73  GASTRIC RETENTION RESERVOIR SYSTEMS UTILIZING SOLID AND
     SEMISOLID CARRIERS
     Dr Jose G. ROCCA
CONTENTS

PART III

85  MELT EXTRUSION-BASED DOSAGE FORMS: EXCIPIENTS AND PROCESSING CONDITIONS FOR PHARMACEUTICAL FORMULATIONS
Dr Marcus E. BREWSTER

97  PHYSICAL CHARACTERIZATION AND SCALE-UP MANUFACTURE OF GELUCIRE® 50/13 BASED CAPSULE FORMULATIONS
Laurence F. ROBINSON

113 PELLETISATION WITH MELTABLE BINDERS
Dr Torben SCHAFER

INFORMATION

125 BIBLIOGRAPHY ON GATTEFOSSÉ’S PRODUCTS 2003-2004 REVIEW
Dr Vincent JANNIN

No responsibility is assumed by the Publisher for any injury and/or damage to persons or property as a matter of products liability, negligence or otherwise, or from any use or operation of any methods, product, instructions or ideas contained in the material herein. Because of the rapid advances made in the medical sciences, independent verification of diagnoses and drug doses should be made.