

## Contents

ABSTRACT	4
SOUHRN	6
LIST OF PAPERS	9
BACKGROUND	11
1. BEHAVIOUR OF POLYMERS IN THE ENVIRONMENT	11
2. BIODEGRADABLE POLYMERS	13
3. MODIFICATION OF POLYMERS	18
4. WHEY-COMPOSITIONS & POSSIBLE APPLICATION IN BIODEGRADABLE POLYMERS	19
AIMS OF WORK	24
SUMMARIES OF PAPERS	25
CONCLUSIONS	27
ACKNOWLEDGEMENTS	30
REFERENCES	31
PAPERS I-V	
CURRICULUM VITAE	