

1. Record Nr.	UNINA9910452703103321
Titolo	Probiotics [[electronic resource]] : sources, types and health benefits / / Abbey Smith and Caleb L. Jones, editors
Pubbl/distr/stampa	Hauppauge, NY, : Nova Science Publishers, c2012
ISBN	1-61942-712-5
Descrizione fisica	1 online resource (273 p.)
Collana	Microbiology research advances
Altri autori (Persone)	SmithAbbey JonesCaleb L
Disciplina	615.3/29
Soggetti	Probiotics Probiotics - Therapeutic use Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""PROBIOTICS ""; ""PROBIOTICS ""; ""CONTENTS""; ""PREFACE ""; ""ROLE OF PROBIOTICS AND DIETARY FIBRE IN MAINTAINING HEALTHY GUT FLORA ""; ""ABSTRACT ""; ""INTRODUCTION ""; ""CONCEPT OF FIBRE""; ""DEVELOPMENT AND EVOLUTION OF FIBRE DETERMINATION METHODS ""; ""CLASSIFICATION OF DIETARY FIBRE ""; ""RICE ""; ""SOLUBLE AND INSOLUBLE FIBRE IN RICE ""; ""PHYSIOLOGICAL AND METABOLIC EFFECTS OF DIETARY FIBRE ON HUMAN HEALTH""; ""Daily Intake of Dietary Fibre ""; ""Fermentation of Dietary Fibre ""; ""Why In-Vitro Fermentation?""; ""LIMITATIONS AND IMPORTANCE OF IN-VITRO FERMENTATION "" ""IN-VITRO FERMENTATION MODELS "" ""PRODUCTS FROM THE FERMENTATION OF DIETARY FIBRE ""; ""SHORT CHAIN FATTY ACIDS AND THEIR IMPLICATIONS ""; ""FACTORS INFLUENCING SCFA FORMATION DURING FERMENTATION ""; ""CONCEPT OF PREBIOTIC, PROBIOTIC, AND SYMBIOTIC ""; ""COLONIC FOOD AND PREBIOTICS ""; ""CURRENT PROBIOTIC POSITION AND STATE OF THE ART ""; ""Lactobacillus Species ""; ""BIFIDOBACTERIUM SPECIES""; ""CONCEPT OF SYMBIOTIC ""; ""STRATEGY FOR ACETATE, PROPIONATE AND BUTYRATE FORMATION BY BIFIDOBACTERIA AND LACTOBACILLUS SPECIES""; ""MICROBIAL ADHESION ""; ""CONCLUSION ""; ""REFERENCES "" ""PORCINE TOLL-LIKE RECEPTORS AND THEIR CROSSTALK WITH

IMMUNOBIOTICS: IMPACT IN THE REGULATION OF GUT
INFLAMMATORY IMMUNITY""""ABSTRACT ""; ""INTRODUCTION ""; ""THE
INNATE IMMUNE SYSTEM IN THE GUT: ROLE OF TOLL-LIKE RECEPTORS
IN INNATE IMMUNITY AND TOLERANCE ""; ""IMMUNOREGULATORY
EFFECT OF LACTIC ACID BACTERIA IN INTESTINAL INNATE IMMUNITY
VIA PATTERN RECOGNITION RECEPTORS ""; ""FUNCTIONAL EXPRESSION
OF TLRs IN SWINE GUT-ASSOCIATED LYMPHOID TISSUES (GALT) "";
""CONSTRUCTION OF MOLECULAR IMMUNOASSAY SYSTEM FOR THE
DISCOVERY OF NOVEL IMMUNOBIOTICS AND IMMUNOGENICS ""
""UTILIZATION OF PORCINE INTESTINAL EPITHELIAL CELLS FOR
SELECTION AND STUDY OF IMMUNOBIOTICS """"Modulation of TLR4-
Mediated Inflammatory Response in PIE Cells by Immunobiotics "";
""Modulation of TLR3-Mediated Anti-Viral Inflammatory Response in PIE
Cells by Immunobiotics ""; ""CONCLUSION ""; ""ACKNOWLEDGMENTS "";
""REFERENCES ""; ""LACTOBACILLUS PLANTARUM: FUNCTIONAL
CHARACTERISTICS FOR PROBIOTIC APPLICATIONS ""; ""ABSTRACT"";
""INTRODUCTION ""; ""FUNCTIONAL PROPERTIES ""; ""HEALTH BENEFITS
AND THERAPEUTIC EFFECTS""; ""FOOD AND PHARMACEUTICAL
APPLICATIONS ""; ""CONCLUSION ""
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ELDERLY DISEASE ""; ""ABSTRACT""; ""INTRODUCTION ""; ""AGE-RELATED
ALTERATIONS IN THE INTESTINAL MICROBIOTA ""; ""AGE-RELATED
ALTERATIONS IN COLONIC METABOLIC ACTIVITY ""; ""PROBIOTICS IN
THE PREVENTION AND TREATMENT OF ELDERLY DISEASE ""; ""APPENDIX
I. PUBLISHED LITERATURE FOCUSED ON THE USE OF PROBIOTICS IN
ELDERLY DISEASE ""; ""1) Gut Microecology""; ""2) Bowel Movement,
Constipation, and Gut transit Time ""; ""3) Irritable Bowel Syndrome "";
""4) Antibiotic-associated Diarrhea (AAD) ""; ""5) Bacterial Vaginosis (BV)
""
""6) Immune Modulation ""
