Record Nr. UNINA9910877557103321 Thermal processing of food: potential health benefits and risks: **Titolo** symposium / / editors Gerhard Eisenbrand ... [et al.] ; scientific secretariat Sabine Guth ... [et al.]; Senate Commission on Food Safety (SKLM) Pubbl/distr/stampa Weinheim,: Wiley-VCH Bonn,: DFG, c2007 **ISBN** 1-281-08800-5 1-282-11842-0 9786612118425 9786611088002 3-527-61149-5 3-527-61150-9 Descrizione fisica 1 online resource (297 p.) Collana Forschungsberichte (DFG) Altri autori (Persone) EisenbrandGerhard Disciplina 664 664.028 Soggetti Processed foods Food - Thermal properties Food - Preservation Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali At head of title: Deutsche Forschungsgemeinschaft. Symposium held September 25-27 2005, Kaiserslautern, Germany. Nota di bibliografia Includes bibliographical references. Nota di contenuto Thermal Processing of Food: Potential Health Benefits and Risks; Inhalt/Contents; Vorwort; Preface; I Bericht und Schlussfolgerungen; 1 Einleitung; 2 Allgemeine und lebensmitteltechnologische Aspekte; 3 Gesundheitliche Aspekte thermischer Behandlung von Lebensmitteln; 4 Fazit; 5 Forschungsbedarf; II Report and Conclusions; 1 Foreword; 2 General and Food Technological Aspects; 3 Health Aspects of Thermal Food Processing; 4 Conclusions; 5 Research Needs; III Contributions; 1 Thermal Processing of Foods: Technological Aspects; 2 Thermal Processing: More than Extending the Shelf Life of Foods 3 Nutritional Aspects 4 Biological Activities of Maillard Reaction

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Sommario/riassunto

This is the latest and most authoritative documentation of current scientific knowledge regarding the health effects of thermal food processing. Authors from all over Europe and the USA provide an international perspective, weighing up the risks and benefits. In addition, the contributors outline those areas where further research is necessary.