

THE 3RD INTERNATIONAL CONFERENCE

NUTRITION AND HEALTH

(Latvia, Riga, December 9–11)

PROGRAMME

Wednesday, December 9, 2020	
08.40 – 09.00	Registration – connecting to ZOOM
09.00 – 09.30	Opening Ceremony <i>Chairs:</i> Indriķis Muižnieks , Rector, University of Latvia Irina Pilvere , Rector, Latvia University of Life Sciences and Technologies Aigars Pētersons , Rector, Riga Stradiņš University; Agrita Kiopa , Vice-Rector of Science, Riga Stradiņš University Irina Arhipova , Vice-Rector of Sciences, Latvia University of Life Sciences and Technologies Valdis Segliņš , Vice-Rector for Natural Sciences, Technology and Medicine, University of Latvia Pēteris Trapencieris , Latvian Academy of Science <i>Conference Chair:</i> Ida Jākobsone
09.30 – 11.30	Session 1. Nutrition policy. Public health and epidemiology <i>Chairs:</i> Anita Villeruša (Department of Public Health and Epidemiology, Riga Stradiņš University, Latvia) and Toms Pulmanis (Faculty of Public Health and Social Welfare, Riga Stradiņš University, Latvia)
09.30 – 09.55	Plenary lecture 1 <u>Santa Līvina</u> (Latvia) <i>Ministry of Health of the Republic of Latvia</i> NUTRITION POLICY IN LATVIA
09.55 – 10.20	Plenary lecture 2 <u>Janina Petkeviciene</u> , V. Kriaucioniene (Lithuania) <i>Health Research Institute, Faculty of Public Health, Medical Academy, Lithuanian University of Health Sciences</i> CHANGES IN DIETARY HABITS OF ADULT LITHUANIANS DURING THE COVID-19 QUARANTINE
10.20 – 10.30	O1 <u>Ieva Pitkevica</u> , E. Pumpure, D. Mihailova, M. Laura Gravina, I. Briedīte, D. Rezeberga, I. Kantane, G. Lazdane (Latvia) <i>Institute of Public Health, Riga Stradiņš University</i> SOCIOECONOMIC FACTORS AND CHANGES OF EATING HABITS DURING COVID-19 RESTRICTIONS IN LATVIA
10.30 – 10.40	O2 <u>Dace Rezeberga</u> , G. Lazdane, L. Meija, I. Zile (Latvia) <i>Riga Stradiņš University</i> PREGNANT WOMEN'S HEALTH IN LATVIA
10.40 – 10.50	O3 <u>Vera Grineva</u> , L. V. Neimane, L. V. Staceviča, G. Grinevs (Latvia) <i>Riga Stradiņš University</i> REHABILITATION CENTRE FOOD SERVICE ORGANIZATION ASPECTS AND PATIENT SATISFACTION WITH FOOD QUALITY
10.50 – 10.55	P1 <u>Ieva Vanaga</u> , O. Koļesova, S. Laivacuma, S. Aratjuņana, A. Koļesovs, B. Rozentāle, L. Viksna (Latvia) <i>Riga Stradiņš University</i> OBESITY AND THE COURSE OF COVID-19 IN PATIENTS HOSPITALIZED IN RIGA EAST CLINICAL UNIVERSITY HOSPITAL
10.55 – 11.00	P2 L. Cīrule-Dambe, D. Šantare, I. Daugule, I. Poļaka, S. Paršutins, <u>Liene Sondore</u> , I. Kojalo, M. Leja (Latvia) <i>Faculty of Medicine of the University of Latvia; Riga Stradiņš University</i> ADHERENCE TO THE NORDIC IN 40-64-YEAR-OLD JĒKABPILS POPULATION
11.00 – 11.30	Discussion/Questions and break
11.30 – 13.45	Session 2. Nutrition during human life (maternal and child health)

	Chairs: Laila Meija (Department of Sports and Nutrition; Institute of Public Health, Riga Stradiņš University, Latvia) and Gunta Lazdane (Department of Obstetrics and Gynaecology; Institute of Public Health, Riga Stradiņš University, Latvia)	
11.30 – 11.55	Plenary lecture 3	Ioao Breda <i>WHO Head, WHO European Office for Prevention and Control of NCDs</i> TOWARDS HEALTHIER AND SUSTAINABLE NUTRITION IN EUROPE
11.55 – 12.05	04	Gunta Lazdane , L. Meija, D. Rezeberga (Latvia) <i>Riga Stradiņš University</i> GLOBAL TRENDS IN LIFESTYLE AND NUTRITION DURING PREGNANCY
12.05 – 12.15	05	Laila Meija , K. Klaramunta Antila, L. Ušpele, G. Lazdane (Latvia) <i>Riga Stradiņš University; Pauls Stradiņš Clinical University Hospital</i> OMEGA-3 AND VITAMIN D STATUS IN PREGNANCY: A RESEARCH IN LATVIA
12.15 – 12.25	06	Inese Sikсна , I. Lazda, I. Pudule (Latvia) <i>Institute of Food Safety, Animal Health and Environment "BIOR"</i> IODINE STATUS OF WOMEN OF REPRODUCTIVE AGE IN LATVIA
12.25 – 12.35	07	Anna Piskurjova , O. Aizbalte, L. Meija (Latvia) <i>Riga Stradiņš University</i> THE DIETARY HABITS DURING LACTATION
12.35 – 12.45	08	Inga Elksne , I. Strele, I. Sikсна and D. Gardovska (Latvia) <i>Department of Doctoral Studies, Faculty of Medicine, Department of Pediatrics, Riga Stradiņš University, Institute of Food Safety, Animal Health and Environment "BIOR"</i> EARLY EATING HABITS IN INFANTS AND THEIR ASSOCIATION WITH IRON METABOLISM
12.45 – 12.55	09	Ksenija Nikulcova , L. Meija (Latvia) <i>Riga Stradiņš University</i> PHYSIOLOGICAL EFFECTS OF SUSTAINABLE DIETS DURING PREGNANCY AND LACTATION
12.55 – 13.05	010	Roberta Rezgale , B. Bartaševiča, A. Alksnīte, L. Meija (Latvia) <i>Riga Stradiņš University</i> LIFESTYLE HABITS IN PREGNANT WOMEN IN LATVIA
13.05 – 13.15	011	Violeta Bule , V. Cauce, K. Stašinska, L. Meija (Latvia) <i>Riga Stradiņš University; Riga East Clinical University Hospital</i> PRE-PREGNANCY WEIGHT SELF-ASSESSMENT AND DIETARY HABIT CHANGES DURING PREGNANCY
13.15 – 13.25	012	Līva Ušpele , V. Bule, K. Klaramunta-Antila, G. Jansone, P. Rudzīte, V. Cauce, L. Meija (Latvia) <i>Riga Stradiņš University, Latvia; Riga Maternity Hospital</i> KNOWLEDGE OF MEDICAL PROFESSIONALS ABOUT NUTRITION IN PREGNANCY
13.25 – 13.30	Break	
13.30 – 16.00	Session 3. Nutrition science Chairs: Aldis Puķītis (Gastroenterology, Hepatology and Nutrition Therapy Centre, Pauls Stradiņš Clinical University Hospital, Latvia) and Polina Zalizko (Gastroenterology, Pauls Stradiņš Clinical University Hospital, Latvia)	
13.30 – 13.55	Plenary lecture 4	K. Ērglis, V. Dzērve, I. Kalviņš, I. Mintāle, M. Ērglis, B. L. Romanovska, E. Skrūzmane, S. Jēgere, Andreis Ērglis (Latvia) <i>JSC "SISTĒMU INOVĀCIJAS", Jaunmārupe; Institute of Cardiology and Regenerative Medicine, University of Latvia</i> BIOACTIVE COMPOUNDS EXTRACTED FROM SEA BUCKTHORN FOR CORRECTION OF RESIDUAL CARDIOVASCULAR RISK IN PATIENTS WITH CORONARY ARTERY DISEASE
13.55 – 14.20	Plenary lecture 5	Khrystyna Semen , J. le Noble, A. Bast (the Netherlands) <i>Campus Venlo, Maastricht University</i> ROLE OF DIETARY FLAVANOLS IN OPTIMIZING SPORTS ADAPTATIONS
14.20 – 14.30	013	Evalds Raitis , A. Kirse-Ozolina, S. Muizniece-Brasava (Latvia) <i>Faculty of Food Technology, Latvia University of Life Sciences and Technologies; "Kronis" Ltd.</i> MARKET RESEARCH AND MEAL READY-TO-EAT (MRE) MAIN COURSE DEVELOPMENT IN THE CONTEXT OF MILITARY USE
14.30 – 14.40	014	Vanda Sargautiene , R. Ligere, D. Sargautis (Latvia) <i>Department of Internal Medicine, University of Latvia</i>

		METABOLIC ACTIVITY OF THE GUT MICROBIOTA
14.40 – 14.45	P3	Juris Kibilds , I. Sikсна, I. Lazda, N. Krūmiņa, I. Zeltiņa, B. Vilne, A. Krūmiņa (Latvia) <i>Institute of Food Safety, Animal Health and Environment “BIOR”</i> ALTERATIONS OF GUT MICROBIOME IN PATIENTS OF VARIOUS NONINFECTIOUS LIVER DISEASES
14.45 – 14.50	P4	Ksenija Nikulcova , D. Kustovs, A. Šķesters (Latvia) <i>Laboratory of Biochemistry, Riga Stradiņš University</i> ANTIOXIDANT AND ANTIRADICAL PROPERTIES OF FRESHLY SQUEEZED AND INDUSTRIALLY PRODUCED POMEGRANATE JUICE
14.50 – 14.55	P5	Laima Givoina , D. Kustovs, A. Šķesters (Latvia) <i>Laboratory of Biochemistry, Riga Stradiņš University</i> ANTIOXIDANT AND POLYPHENOL CONTENT IN CARROTS STORED UNDER DIFFERENT CONDITIONS
14.55 – 15.00	P6	J. Markovs, Agate Galuza , G. Knipse (Latvia) <i>Department of Anatomy and Histology, Faculty of Medicine, University of Latvia</i> HISTOCHEMICAL AND ULTRASTRUCTURAL ASPECTS OF IRON AND ZINC ABSORPTION
15.00 – 15.05	P7	Alina Beluško , L. Aumeistere, I. Ciproviča, D. Zavadska (Latvia) <i>Faculty of Food Technology, Latvia University of Life Sciences and Technologies</i> CONJUGATED LINOLEIC ACID IN HUMAN MILK: A CASE STUDY FROM LATVIA
15.05 – 15.10	P8	Dimitrijs Kustovs , D. Garokalna, A. Šķesters (Latvia) <i>Laboratory of Biochemistry, Riga Stradiņš University</i> BERRY AND FRUIT WINES AS A SOURCE OF NATURAL ANTIOXIDANTS
15.10 – 15.15	P9	K. Majore, Vita Šterna , M. Bleidere, S. Reidzane, I. Ciproviča (Latvia) <i>Department of Plant Breeding and Agroecology, Institute of Agroresources and Economics</i> IN-VITRO STUDY ON CHARACTERISTICS OF DIFFERENT HULLESS BARLEY CULTIVARS' FLAKES
15.15 – 15.20	P10	Laila Usacka , L. Plakane, I. Vanaga, K. Kletnieks, B. Jansone, R. Muceniece, U. Kletnieks, L. Pahirko (Latvia) <i>Residency in Sports Medicine, University of Latvia</i> POLYPRENOL LIPOSOMES IMPROVE EFFICIENCY OF OXYGEN USAGE IN WELL-TRAINED AMATEUR ATHLETES
15.20 – 15.25	P11	Polina Zalizko , T. H. Roshofa, V. Mokricka, L. Meija, E. Bodnieks, A. Pukitis (Latvia) <i>Pauls Stradiņš Clinical University Hospital; Faculty of Medicine, University of Latvia; Faculty of Medicine, Riga Stradiņš University</i> ANALYSIS OF BODY MUSCLE MASS IN CROHN'S DISEASE PATIENTS
15.25 – 16.00	Discussion/Questions	

Thursday, December 10, 2020

08.40 – 09.00	Connecting to ZOOM	
09.00 – 12.00	Session 4. Nutrition and prevention of chronic diseases Chairs: Ilze Konrāde (Department of Medicine, Riga East Clinical University Hospital; Riga Stradiņš University Latvia) and Andrejs Šķesters (Laboratory of Biochemistry, Riga Stradiņš University, Latvia)	
09.00 – 09.25	Plenary lecture 6	Ilze Konrāde (Latvia) <i>Department of Medicine, Riga East Clinical University Hospital; Riga Stradiņš University Latvia</i> SELENIUM AND THYROID DISEASE: FROM PATHOPHYSIOLOGY TO TREATMENT
09.25 – 09.35	O15	Silvija Abele , L. Tzivian, L. Meija, V. Folkmanis (Latvia) <i>Faculty of Biology, University of Latvia</i> SPECIFIC CARBOHYDRATE DIET (SCD/GAPS) FOR CHILDREN WITH AUTISTIC SPECTRUM DISORDER
09.35 – 09.45	O16	Valerijs Kniazhevs , L. V. Neimane (Latvia) <i>Department of Sports and Nutrition, Riga Stradiņš University</i> RELATIONSHIP OF DIETARY PROVOCATIVE FACTORS WITH THE INCIDENCE OF GOUT ATTACKS

09.45 – 09.55	O17	<u>Diana Araia</u> , V. Rovite, A. Terentjeva, D. Vaidere, K. Vecvagare, L. Viksna (Latvia) <i>Riga Stradiņš University</i> COVID-19 AND OBESITY: IMPACT OF OVERWEIGHT ON DISEASE SEVERITY
09.55 – 10.05	O18	<u>Ieva Garanča</u> , L. V. Neimane (Latvia) <i>Riga Stradiņš University</i> THE PREVELANCE OF ORTHOREXIA NERVOSA AND EATING DISORDERED ATTITUDE TO FOOD AMONG STUDENTS OF THE STUDY PROGRAMME “NUTRITION” OF THE FACULTY OF REHABILITATION AND STUDENTS OF THE STUDY PROGRAMME “MEDICINE” OF RIGA STRADIŅŠ UNIVERSITY FACULTY OF MEDICINE
10.05 – 10.15	O19	<u>Guna Bilande</u> , A. Ramata-Stunda, U. Bērs, M. Boroduškis (Latvia) <i>Faculty of Medicine, University of Latvia; Jūrmala Hospital; Aiwa Clinic</i> THE POSITIVE, QUANTIFIABLE EFFECT OF LYL LOVE YOUR LIFE® SPRAY ON BLOOD VITAMIN D3 LEVELS
10.15 – 10.45	<u>Discussion/Questions and break</u>	
10.45 – 10.50	P12	<u>Ieva Salina</u> , R. Lagzdina, E. L. Gibson (Latvia) <i>Riga Stradiņš University</i> INFLUENCE OF PLANT-RICH DIET ON HUMAN BODY ACID-BASE BALANCE
10.50 – 10.55	P13	<u>Tatjana Zake</u> , S. Upmale-Engela, I. Kalere, A. Skesters, I. Konrade (Latvia) <i>Department of Internal Medicine, Riga Stradiņš University</i> SELENIUM STATUS IN LATVIAN PATIENTS WITH AUTOIMMUNE THYROID DISEASES
10.55 – 11.00	P14	<u>Melita Videja</u> , E. Sevostjanovs, I. Konrade, M. Dambrova (Latvia) <i>Latvian Institute of Organic Synthesis; Faculty of Pharmacy, Riga Stradiņš University</i> 5-DAY INTERMITTENT FASTING REDUCES PROATHEROGENIC METABOLITE TRIMETHYLAMINE N-OXIDE LEVEL AND IMPROVES SERUM BIOCHEMICAL PARAMETERS
11.00 – 11.05	P15	<u>Ieva Kalere</u> , T. Zaķe, S. Upmale-Engela, F. Cgojeva-Uzulniece, A. Šķesters, I. Konrāde (Latvia) <i>Department of Internal Diseases, Riga Stradiņš University</i> SELENIUM INTAKE SCORE IN THYROID PATIENTS
11.05 – 11.10	P16	<u>Zane Lukstina</u> , B. Bodžs, L. Ozoliņa-Molla (Latvia) <i>Department of Human and Animal Physiology, University of Latvia</i> COMPARISON BETWEEN EFFICIENCY OF 16/8 TIME RESTRICTED FEEDING AND 5/2 ALTERNATE DAY FASTING IN BODY FAT MANAGEMENT
11.10 – 11.15	P17	<u>Guna Bilande</u> , M. Mukāns, I. Troickis, E. Liepiņš, O. Kozlovskis, J. Žarinovs, V. Rozītis, V. Pīrāgs (Latvia) <i>Faculty of Medicine, University of Latvia; Jūrmala Hospital; Aiwa Clinic</i> AN UPDATE ON BARIATRIC SURGERY IN LATVIA
11.15 – 11.20	P18	<u>Marina Arisova</u> , G. Bīlande (Latvia) <i>Riga Stradiņš University</i> EVALUATION OF COMPETENCE ABOUT NUTRITION OF PERSONS WITH ELEVATED LEVEL OF URIC ACID
11.20 – 12.00	<u>Discussion/Questions and break</u>	
12.00 – 13.50	Session 5. Diet, nutrition during human life Chairs: Lolita Vija Neimane (Department of Sports and Nutrition, Faculty of Rehabilitation, Riga Stradiņš University, Latvia) and Inga Elksne (Riga Stradiņš University, Latvian Association of Diet and Nutrition Specialists, Latvia)	
12.00 – 12.25	Plenary lecture 7	<u>Iveta Mintale</u> (Latvia) <i>Cardiology Centre, Pauls Stradiņš Clinical University Hospital; University of Latvia</i> HEALTHY DIET AS A PART OF HEALTHY LIFESTYLE – A CORNERSTONE OF CHRONIC DISEASE PREVENTION
12.25 – 12.35	O20	<u>Elizabete Pumpure</u> , J. Katz, A. Gabster, R. K. J. Tan, C. O’Hara, I. Kantane, G. Lazdane, I-SHARE (Latvia) <i>Institute of Public Health, Riga Stradiņš University</i> CHANGES IN EATING HABITS DUE TO COVID-19 RESTRICTIONS IN LATVIA, PANAMA AND SINGAPORE
12.35 – 12.45	O21	<u>Ilze Iustamente</u> , J. Raudeniece, L. Ozoliņa-Molla, D. Reihmane (Latvia) <i>Department of Human and Animal Physiology, University of Latvia; Department of Human Physiology and Biochemistry, Riga Stradiņš University</i>

		COMPARATIVE ANALYSIS OF DAILY EATING HABITS OF ELEMENTARY SCHOOL CHILDREN IN DIFFERENT WEIGHT GROUPS
12.45 – 12.55	O22	<u>Ielena Raudeniece</u> , I. Justamente, L. Ozoliņa-Molla, D. Reihmane (Latvia) <i>Department of Human and Animal Physiology, University of Latvia; Department of Human Physiology and Biochemistry, Riga Stradiņš University</i> EATING HABITS AND PHYSICAL ACTIVITY IN JUNIOR SCHOOL AGE CHILDREN
12.55 – 13.00	P19	<u>Līga Zuka</u> , M. Grundmane, A. Ivanovs (Latvia) <i>Department of Sports and Nutrition, Riga Stradiņš University</i> DRIVING FACTORS OF CHOICE OF PLANT-BASED MILK ALTERNATIVES AMONG DIFFERENT CONSUMER GROUPS
13.00 – 13.05	P20	<u>Ilze Beitane</u> , Z. Krūma, T. Ķince, M. Sabovics, S. Iriste, S. Muizniece-Brasava, J. Bujaka, S. Strode, I. Ciprova (Latvia) <i>Department of Nutrition, Latvia University of Life Sciences and Technologies</i> CHALLENGES IN THE DEVELOPMENT OF FOOD PACKS FOR PUPIL LUNCHES AS PART OF THE reCOVvery-LV PROJECT
13.05 – 13.10	P21	<u>Linda Laurena</u> , I. Siksna, A. Krūmiņa (Latvia) <i>Department of Risk Assessment and Epidemiology, Institute of Food Safety, Animal Health and Environment "BIOR"</i> ASSESSMENT OF SLEEP DURATION AND ENERGY INTAKE IN LATVIAN ADULTS IN RELATION TO THEIR WEEKLY STEP COUNT
13.10 – 13.15	P22	<u>Santa Sibule</u> , I. Lazda, I. Siksna, A. Krumina (Latvia) <i>Riga Stradiņš University</i> SUPPLEMENTAL VITAMIN D USE IN DIFFERENT EATING PATTERNS
13.15 – 13.20	P23	<u>Gita Krumina-Zemture</u> , S. Iriste, K. Kviesite (Latvia) <i>Department of Nutrition, Faculty of Food Technology, Latvia University of Life Sciences and Technologies</i> SUSTAINABLE FOOD RAW MATERIALS IN HOSPITALITY BUSINESS
13.20 – 13.50	<u>Discussion/Questions and break</u>	
13.50 – 17.20	Session 6. Health-relevant food products Chairs: Zanda Krūma (Faculty of Food Technology, Latvia University of Life Sciences and Technologies, Latvia) and Vitalijs Radenkovs (Processing and Biochemistry Department, Institute of Horticulture, Latvia)	
13.50 – 14.15	Plenary lecture 8	<u>Petras Rimantas Venskutonis</u> (Lithuania) <i>Department of Food Science and Technology, Kaunas University of Technology</i> FUNCTIONAL INGREDIENTS FROM BERRY PROCESSING BY-PRODUCTS AND THEIR APPLICATIONS
14.15 – 14.25	O23	<u>Vitalijs Radenkovs</u> , T. Pūssa, K. Juhnevica-Radenkova, J. Kviesis, F. J. Salar, D. A. Moreno, I. Drudze (Latvia) <i>Processing and Biochemistry Department, Institute of Horticulture</i> WILD APPLE (<i>MALUS SPP.</i>) BY-PRODUCTS AS A SOURCE OF PHENOLIC COMPOUNDS AND VITAMIN C FOR FOOD APPLICATIONS
14.25 – 14.35	O24	<u>Darius Sargautis</u> , T. Ķince, V. Sargautiene (Latvia) <i>Department of Food Technologies, Latvia University of Life Sciences and Technologies</i> INVESTIGATION OF STRUCTURE FORMATION OF OAT PROTEIN DURING WET EXTRUSION
14.35 – 14.45	O25	<u>Liene Jansone</u> , S. Kampuse, Z. Krūma, I. Līdums (Latvia) <i>Department of Food Technology, Faculty of Food Technology, Latvia University of Life Sciences and Technologies</i> CHARACTERIZATION OF THE QUALITY PARAMETERS OF DEHYDRATED FERMENTED CABBAGE JUICE
14.45 – 14.55	O26	<u>Klīnta Kārklina</u> , S. Kampuse (Latvia) <i>Faculty of Food Technology, Latvia University of Life Sciences and Technologies</i> INFLUENCE OF DIFFERENT COFFEE BREWING METHODS ON BIOCHEMICAL COMPOSITION OF FRUIT JUICE AND COFFEE DRINK
14.55 – 15.05	O27	<u>Dalija Seglina</u> , I. Krasnova, S. Alsīņa (Latvia) <i>Institute of Horticulture</i>

		<i>LONICERA CAERULEA</i> L. AS A SOURCE OF BIOLOGICALLY ACTIVE COMPOUNDS FOR ENRICHMENT OF SOUR MILK PRODUCTS
15.05 – 15.15	O28	Solvita Kampuse , L. Ozola, Z. Krūma, D. Kļava, R. Galoburda, E. Straumite (Latvia) <i>Faculty of Food Technology, Latvia University of Life Sciences and Technologies</i> EVALUATION OF PLANT-BASED TEXTURE-MODIFIED FOODS FOR DYSPHAGIA
15.15 – 15.25	O29	Liene Ozola , S. Kampuse (Latvia) <i>Faculty of Food Technology, Latvia University of Life Sciences and Technologies</i> CONTENT OF BIOACTIVE AND MINERAL COMPOUNDS IN ENTERAL TUBE FEED PRODUCTS MADE FROM PLANT-BASED INGREDIENTS
15.25 – 15.35	O30	Zane Legzdina , E. Straumite, Z. Krūma (Latvia) <i>Faculty of Food Technology, Latvia University of Life Sciences and Technologies</i> ASSESSMENT OF THE BIOACTIVE COMPOUNDS IN RED WINES AVAILABLE FOR PURCHASE IN LATVIA
15.35 – 15.45	O31	Ilze Laukaleja , Z. Krūma, I. Cinkmanis (Latvia) <i>Department of Food Technology, Faculty of Food Technology, Latvia University of Life Sciences and Technologies</i> IMPACT OF THE ROAST LEVEL ON CHEMICAL COMPOSITION IN COFFEE FROM COLOMBIA
15.45 – 16.15	Discussion/Questions and break	
16.15 – 16.20	P24	Māris Bērtiņš , A. Klūga, L. Dubova, P. Petrēvics, I. Alsiņa, A. Viksna (Latvia) <i>Faculty of Chemistry, University of Latvia</i> STUDY OF RHIZOBIA IMPACT ON NUTRITIONAL ELEMENT CONTENT IN LEGUMES
16.20 – 16.25	P25	Rūta Mūrniece , D. Kļava (Latvia) <i>Faculty of Food Technology, Latvia University of Life Sciences and Technologies</i> LONG-TIME FERMENTATION IMPACT ON RYE BREAD TECHNOLOGICAL AND PREBIOTICAL PROPERTIES
16.25 – 16.30	P26	Vita Šterna , D. Segliņa, I. Krasnova, T. Ķince, Z. Jansone, M. Bleidere (Latvia) <i>Department of Plant Breeding and Agroecology, Institute of Agroresources and Economics</i> STUDY OF SPROUTED HULLESS BARLEY GRAINS AND THEIR USES FOR THE DEVELOPMENT OF FUNCTIONAL SWEET SNACKS
16.30 – 16.35	P27	R. Ruska, Paula Braksa , E. Straumite, Z. Krūma, M. Duma (Latvia) <i>Department of Food Technology, Faculty of Food Technology, Latvia University of Life Sciences and Technologies</i> CHICKPEA AQUAFABA AS EGG SUBSTITUTE IN MERINGUE COOKIES
16.35 – 16.40	P28	Anita Blija , M. Duma, E. Straumite, L. Skudra, M. Skudra, J. Vainovskis, J. Kronbergs (Latvia) <i>Department of Nutrition, Faculty of Food Technology, Latvia University of Life Sciences and Technologies</i> QUALITY EVALUATION OF CREAMED RAPESEED HONEY WITH ROWANBERRIES
16.40 – 16.45	P29	K. Silantjeva, J. Zagorska and Ruta Galoburda (Latvia) <i>Department of Food Technology, Faculty of Food Technology, Latvia University of Life Sciences and Technologies</i> PHYSICOCHEMICAL AND RHEOLOGICAL PROPERTIES OF NON-FAT ICE CREAM
16.45 – 16.50	P30	I. Jākobsone, I. Kantāne, S. Zute, Māra Bleidere , I. Jansone, M. Jākobsone, V. Bartkevičs (Latvia) <i>Institute of Agroresources and Economics</i> MACRO ELEMENTS AND TRACE ELEMENTS IN TRITICALE GRAINS CULTIVATED IN LATVIA
16.50 – 17.20	Discussion/Questions	

Friday, December 11, 2020

08.40 – 09.00	Connecting to ZOOM
09.00 – 13.35	Session 7. Food quality and safety

	Chairs: Inga Ciproviča (Department of Food Technology, Faculty of Food Technology, Latvia University of Life Sciences and Technologies, Latvia) and Vadims Bartkevičs (Institute of Food Safety, Animal Health and Environment ("BIOR"); University of Latvia, Latvia)	
09.00 – 09.25	Plenary lecture 9	Elena Bartkiene , E. Zokaityte, V. Lele, V. Starkute, P. Zavistanaviciute, D. Klupsaite, D. Cernauskas, M. Ruzauskas, V. Bartkevics, I. Pugajeva, Z. Bērziņa, R. Gruzauskas, S. Sidlauskiene, D. Zadeike, R. Mickiene and G. Juodeikiene (Lithuania) <i>Department of Food Safety and Quality, Lithuanian University of Health Sciences; Institute of Animal Rearing Technologies, Lithuanian University of Health Sciences</i> INFLUENCE OF EXTRUSION AND FERMENTATION PROCESSES ON WHEAT BRAN AMINO AND FATTY ACIDS PROFILE, CHEMICAL AND BIOSAFETY, ANTIMICROBIAL AND ANTIFUNGAL PROPERTIES
09.25 – 09.45	Plenary lecture 10	Iuliana Vintila (Romania) <i>Food Science, Food Engineering, Applied Biotechnology and Aquaculture Department, University "Dunarea de Jos"; Co-Chair Global Harmonization Initiative Nutrition WG</i> HOME-MADE VERSUS OUTLET CATERING: COMPARATIVE ANALYSIS OF ENVIRONMENTAL IMPACT AND INVOLVED COSTS FOR DAILY MENU PRODUCTION
09.45 – 09.55	032	Viaceslavs Kocetkovs , S. Muizniece-Brasava (Latvia) <i>Department of Food Technology, Faculty of Food Technology, Latvia University of Life Sciences and Technologies</i> THE EFFECT OF BIODEGRADABLE PACKAGING ON SHELF-LIFE OF PASTEURISED EGG MASS
09.55 – 10.05	033	I. Paeglite, Ielena Zagorska , R. Galoburda (Latvia) <i>Department of Food Technology, Faculty of Food Technology, Latvia University of Life Sciences and Technologies</i> LACTOBIONIC ACID POTENTIAL IN ICE CREAM PRODUCTION
10.05 – 10.15	034	Reinis Zarins , Z. Krūma, I. Skrabule (Latvia) <i>Faculty of Food Technology, Latvia University of Life Sciences and Technologies</i> EFFECT OF STORAGE CONDITIONS ON BIOLOGICALLY ACTIVE COMPOUNDS IN PURPLE-FLESHED POTATOES
10.15 – 10.25	035	Santa Pūke , R. Galoburda (Latvia) <i>Faculty of Food Technology, Latvia University of Life Sciences and Technologies</i> EFFECT OF PRE-TREATMENT ON QUALITY OF SMOKED BALTIC SPRATS
10.25 – 10.35	036	I. Sikсна, Ingars Reinholds , I. Pugajeva, L. Alksne, V. Bartkevics (Latvia) <i>Institute of Food Safety, Animal Health and Environment "BIOR"; Faculty of Chemistry, University of Latvia</i> CONSUMPTION OF HERBAL TEAS AND EXPOSURE TO MYCOTOXIN CONTAMINATION IN LATVIA
10.35 – 10.45	037	Inta Krasnova , D. Segliņa (Latvia) <i>Institute of Horticulture</i> THE EFFECT OF ACTIVATED CARBON ON THE BIOCHEMICAL SPECTRUM OF DIFFERENT CHOKEBERRY PROCESSING PRODUCTS
10.45 – 11.15	Discussion/Questions and break	
11.15 – 11.20	P31	Sanita Sazonova , L. Tomsone, R. Galoburda, I. Gramatina, T. Talou (Latvia) <i>Department of Food Technology, Faculty of Food Technology, Latvia University of Life Sciences and Technologies</i> COMBINED EFFECT OF MICROENCAPSULATED HORSERADISH JUICE AND HIGH PRESSURE TREATMENT ON PORK QUALITY DURING STORAGE
11.20 – 11.25	P32	Ingrīda Augšpole , A. Liniņa, I. Cinkmanis, S. Vucāne (Latvia) <i>Faculty of Food Technology, Latvia University of Life Sciences and Technologies</i> PHENOLIC COMPOUNDS IN ORGANIC AND CONVENTIONAL WINTER WHEAT (<i>TRITICUM AESTIVUM</i> L.) WHOLEMEAL
11.25 – 11.30	P33	Lolita Tomsone , R. Galoburda, Z. Krūma, I. Cinkmanis (Latvia) <i>Department of Food Technology, Faculty of Food Technology, Latvia University of Life Sciences and Technologies</i> PHENOLIC COMPOSITION AND ANTIOXIDANT ACTIVITY OF FROZEN HORSERADISH ROOTS DURING STORAGE
11.30 – 11.35	P34	Māra Dūma , I. Alsiņa, L. Dubova, D. Gavare, I. Erdberga (Latvia) <i>Department of Chemistry, Latvia University of Life Sciences and Technologies</i>

		QUALITY OF DIFFERENT COLORED TOMATOES DEPENDING ON GROWING SEASON
11.35 – 11.40	P35	Krišs Dāvids Labsvārds , L. Buša, J. Ruško, R. Klūga, M. Bērtniš, A. Vīksna (Latvia) <i>Department of Analytical Chemistry, University of Latvia</i> ASSESSMENT OF HONEY FLORAL ORIGINS BY USING CHROMATOGRAPHY, MASSPECTROMETRY AND NUCLEAR MAGNETIC RESONANCE
11.40 – 11.45	P36	D. Dancite, Ielena Zagorska , T. Ķince, V. Šterna (Latvia) <i>Department of Food Technology, Faculty of Food Technology, Latvia University of Life Sciences and Technologies</i> APPLICATION OF BARLEY VARIETY 'KORNELIJA' IN DEVELOPMENT OF FERMENTED DAIRY PRODUCTS
11.45 – 11.50	P37	Irina Sivicka , O. Sokolova, K. Juhņeviča-Radenkova (Latvia) <i>Latvia University of Life Sciences and Technologies, Faculty of Agriculture, Institute of Soil and Plant Sciences</i> BIODIVERSITY OF FUNGI COLONIZING AND INFLUENCING THE QUALITY AND SAFETY OF RAW MATERIAL OF OREGANO (<i>ORIGANUM VULGARE</i> L.)
11.50 – 11.55	P38	Ilga Gedrovica (Latvia) <i>Department of Food Technology, Faculty of Food Technology, Latvia University of Life Sciences and Technologies</i> POTENTIAL FOR EARTHWORM POWDER USE IN FOOD
11.55 – 12.25	<u>Discussion/Questions and break</u>	
12.25 – 12.30	P39	Sanita Vucāne , I. Cinkmanis, M. Sabovics (Latvia) <i>Faculty of Food Technology, Latvia University of Life Sciences and Technologies</i> COLORIMETRIC MEASUREMENTS OF VEGETABLE OILS BY SMARTPHONE-BASED IMAGE ANALYSIS
12.30 – 12.35	P40	Ilze Bernate , A. Jēriņa, I. Meistere, M. Sabovics (Latvia) <i>Faculty of Food Technology, Latvia University of Life Sciences and Technologies</i> IDENTIFICATION OF THE PRESENCE OF PATHOGENIC AND POTENTIALLY PATHOGENIC BACTERIA IN WHEAT, SEEDS AND SPROUTED SEEDS
12.35 – 12.40	P41	Rita Riekstina-Dolge , S. Melbarde, L. Skudra, A. Blija, (Latvia) <i>Department of Nutrition, Latvia University of Life Sciences and Technologies</i> MICROBIOLOGICAL RISK ASSESSMENT OF FRESHLY SQUEEZED ORANGE JUICE
12.40 – 12.45	P42	Iekaterina Bujaka , R. Riekstina-Dolge, S. Strode (Latvia) <i>Department of Nutrition, Latvia University of Life Sciences and Technologies</i> EFFECT OF DIFFERENT <i>S. CEREVISIAE</i> YEAST STRAINS ON STRAWBERRY WINES POMACE PHYSIOCHEMICAL PARAMETERS AND BIOACTIVE COMPOUNDS
12.45 – 12.50	P43	Anete Keke , I. Cinkmanis (Latvia) <i>Department of Chemistry, Latvia University of Life Sciences and Technologies</i> CHANGES IN PHENOLIC CONTENT OF HONEY DURING SPRAY DRYING PROCESS
12.50 – 12.55	P44	Iuta Golubova , L. Laurena, I. Sikсна (Latvia) <i>Department of Risk Assessment and Epidemiology, Institute of Food Safety, Animal Health and Environment "BIOR"</i> ASSESSMENT OF CONSUMER AWARENESS ON FOOD LABELS
12.55 – 13.00	P45	Alla Mariseva , I. Beitane, I. Silava (Latvia) <i>Department of Nutrition, Latvia University of Life Sciences and Technologies</i> EVALUATION OF AMARANTH AS POTENTIAL RAW MATERIAL FOR VEGAN PRODUCTS
13.00 – 13.05	P46	Evita Straumite , L. Tomsone, Z. Krūma, A. Kirse-Ozolina (Latvia) <i>Department of Food Technology, Faculty of Food Technology, Latvia University of Life Sciences and Technologies</i> BIOLOGICALLY ACTIVE COMPOUNDS OF BEE POLLEN FROM DIFFERENT REGIONS OF LATVIA
13.05 – 13.35	<u>Discussion/Questions</u>	
13.35 – 14.00	<u>Closing of the International Conference "Nutrition and Health 2020"</u> <u>Conference summary</u>	