## **DAY** International Symposium of Food Rheology and Structure

**ONE** Monday, 12<sup>th</sup> of June 2023 – Wageningsche Berg

08.30 - 09.00	Registration
09.00 - 09.10	Opening Ceremony

### **09.10 – 09.50 Plenary lecture Peter Fischer (ETZ Zurich, Switzerland**) (Chair: Leonard Sagis, Bosrandzaal) Neutrons and Food: From emulsion and foams to analogues

Session A	Colloidal Suspensions	Chair: Leonard Sagis	Session B	Rheology Methods	Chair: Elke Scholten
		Bosrandzaal			Lijsterbeszaal
09.50 - 10.10	Damian Renggli, MIT, USA		09.50 - 10.10	Ruifen Li, Aarhus University	, Denmark
	Thermogelation nanoemulsion	ns stabilized by pea protein		Structural evolution of pea-deri	ved albumins using SAXS
	-			during pH changes and heat tre	atment
10.10 - 10.30	Jack Yang, WUR, the Neth	erlands	10.10 - 10.30	Theresia Heiden-Hecht, Fors	chungzentrum Jülich,
	Plant protein functionality-dri	ven refinement: linking plant		Germany	
	protein refinement with multi	phase functionality using		Neutron scattering and neutron	spectroscopy for insights
	interfacial rheology			into food emulsion interfaces	· · · · •

10.30 – 11.00 Coffee break

Session A	Colloidal Suspensions	Chair: Atze-Jan van der Goot Bosrandzaal	Session B	Rheology Methods	Chair: Jasper Landman Lijsterbeszaal
11.00 - 11.20 <b>Rui Pereira, INL, Portugal</b> Development of an innovative plant-based mayonnaise stabilized by vegetable proteins		11.00 - 11.20	Julie Frost Dahl, Aarhus University, Denmark Rheological fingerprinting of pizza cheese using large deformation oscillatory rheology		
11.20 - 11.40	1.40 <b>Qi Wang, WUR, the Netherlands</b> Effect of different freezing agents on ice crystal size and physical properties of ice cream			Laurel Kroo, MIT, USA Quantifying extensional textu melts using composite harmo (CHEW)	ure in viscoelastic cheese onic exponential waveforms
11.40 - 12.00	Wonsik Shin, Seoul National University, Korea Effect of Cellulose Nanocrystals on the stability of Pickering Emulsions prepared with the microalgal protein		11.40 - 12.00	00 Erich Windhab, ETH Zurich, Switzerland In-line rheometry and spectroscopy for controlled tailoring of textural and nutritional characteristics c HMEC-processed plant protein-based meat alternat	
12.00 - 12.20	Roland Ramsch, Formulae Plant protein integration for	tion, France food emulsion	12.00 - 12.20	Astrid Ahlinder, RISE, Swe 3D printing of food for dysph- functionality	<b>eden</b> agia – shaping and

## **14.00 – 14.40 Plenary lecture Camilla Terenzi (Wageningen University, the Netherlands)** (Chair: Elke Scholten, Bosrandzaal) Quantifying food structure formation under flow by MRI

Session A	Colloidal Suspensions	Chair: Peter Fischer Bosrandzaal	Session B	Rheology Methods	Chair: Deniz Gunes Lijsterbeszaal
14.40 - 15.00	Xiaoning Zhang, WUR, the Interfacial and foaming prop extract	e Netherlands erties of jackfruit seed protein	14.40 - 15.00	Audrey Gilbert, Laval Un Evaluation of the ability of and low-frequency time-do stirred commercial yogurts	<b>iversity, Canada</b> microscopic image analysis main NMR to predict an assess quality
15.00 - 15.20	Judith Krom, Max Planck Research, Germany Structure-function relationsh	Institute for Polymer hips of protein-based foams	15.00 - 15.20	Fraser Laidlaw, University Particle size analysis of mill identity?	<b>ty of Edinburgh, UK</b> k – A case of mistaken

#### 15.20 – 15.50 Coffee break

Session A	Colloidal Suspensions	Chair: Stephan Drusch	Session B	Rheology Methods	Chair: Camilla Terenzi
	Gaula Callinavia Universit		15 50 16 10		LIJSLEIDESZAAI
15.50 - 16.10	Effect of moderate hyperbari crystallization	c treatment on lipid	15.50 - 16.10	3D structure evolution durin microwave-convective oven synchroton-based X-ray mic	ien ng bread baking in a combined revealed by in-situ crotomography
16.10 - 16.30	30 <b>Daniel Golodnizky, Technion, Israel</b> The Effect of the HLB value of sucrose ester on physicochemical properties of bigel systems		16.10 - 16.30	0 Mark Auty, Mondelez International, UK Confocal Raman Spectroscopy of low moisture food products: Breakthroughs and Challenges	
16.30 - 16.50	Yasamin Soleimanian Bord Guelph, Canada Rheological, mechanical, and characterization of oleogels of suitability as fat replacers in	bujeni, University of microstructural f oil glycerolysis products: the plant-based meat analogues	16.30 - 16.50	Isabella Riley, KU Leuver How potato starch structura microstructure development	<b>n, Belgium</b> Il transitions impact t during deep frying

#### 17.00 – 18.30 Poster Session

18.30	Dinner		

## **DAY** International Symposium of Food Rheology and Structure

**TWO** Tuesday, 13<sup>th</sup> of June 2023 – Wageningsche Berg

**09.10 – 09.50 Plenary lecture Ilja Voets (Eindhoven University, the Netherlands)** (Chair: Peter Fischer, Bosrandzaal) Foods inside out: Unveiling the hidden architecture of nanostructured soft materials by super-resolution microscopy

Session C	Interfacial Rheology	Chair: Niklas Loren Bosrandzaal	Session D	Tribology	Chair: Leonard Sagis Lijsterbeszaal
09.40 - 10.00	Anteun de Groot, WUR, tl White Asparagus bud prote stabilizer in food foams	<b>he Netherlands</b> ins, from waste to interface	09.40 - 10.00	Lei Ji, WUR, the Netherla Tailoring the mouthfeel of d polysaccharides: bridging tr perception	nds airy-based beverages with ibology with sensory
10.00 - 10.20	20 <b>Marine Haas, AgrosParisTech - CNIEL, France</b> Exploring milk fat/water interface colonisation and organisation: How surface tension measurements can reveal hidden insidets		10.00 - 10.20	20 Jack Yang, WUR, the Netherlands Oleosomes: natural oil droplets for dairy alternat studies by tribology	
10.20 - 10.40	Anja Heyse, Technical Un The impact of disufide bond lactoglobulin on the structur behavior at the oil/water int	iversity of Berlin, Germany s of whey protein beta- ral conformation and adsorption erface	10.20 - 10.40	Maria Tecuanhuey, Nestle Predicting oily mouthcoating tribology	<b>é, Switzerland</b> g of pure vegetable oils using

10.40 – 11.10 Coffee break

Session C	Interfacial Rheology	Chair: Peter Fischer Bosrandzaal	Session D	Tribology	Chair: Elke Scholten Lijsterbeszaal
11.10 - 11.30	Penghui Shen, WUR, the Cruceferin versus napin – ai stabilizing properties of rape	<b>Netherlands</b> r-water interface and foam eseed storage proteins	11.10 - 11.30	Joerg Laeuger, Anton New tools for assessing	Paar, Germany powder rheology of food systems
11.30 - 11.50	Kerstin Risse, Technical University of Berlin, Germany (Non)linear interfacial rheology of protein-phospholipid stabilized oil-water interfaces: Role of the molecular structure of phospholipids on the interfacial viscoelasticity		11.30 - 11.50	Prateek Sharma, Utah State University, USA Impact of emulsifying salt and intact casein levels on wear behavior, microstructure and shredding performance of process cheese	
11.50 - 12.30	Plenary lecture G Dietary fibre in the gastroi transformations	leb Yakubov (Nottingham Univ ntestinal tract: Emergence of hea	<b>versity, UK)</b> Ith functionality f	(Cr from rheology, physical	air: Peter Fischer, Bosrandzaal) interactions and biochemical

- 12.30 13.10 Plenary lecture Valeria Garbin (Delft University, the Netherlands)
  - Designing the stability of aerated food products by bulk and interfacial rheology
- 13.15 14.15 Lunch

#### 14.30 – 22.00 Social Program

### DAY International Symposium of Food Rheology and Structure **THREE** Wednesday, 14<sup>th</sup> of June 2023 – Wageningsche Berg

09.00 - 09.40	Plenary lecture	Stephan Drusch (Technical University of Berlin, Germany)	(Chair: Gleb Yakubov,
	Challenges and opport	unities in plant protein based delivery systems	

Session E	<b>Biopolymers and Gels</b>	Chair: Gleb Yakubov Bosrandzaal	Session F	Meat Analogues	Chair: Atze-Jan van der Goot Lijsterbeszaal
09.40 - 10.00	Amélie Banc, University o Start-up shear and natural n proteins	f Montpellier, France ear-critical gels made of gluten	09.40 - 10.00	Gerard Giménez-Riber Effect of fibre orientation stress responses of mea	5, WUR, the Netherlands on the shear stress and normal t (analogue)
10.00 - 10.20	Juliette Behra, Nestlé, Zw Probing carrageenan gel syn microscopic scale	itserland eresis: from macroscopic to	10.00 - 10.20	Erik Kaunisto, RISE, S Combined FEM modelling characterization of die m separation and associate extrusion of high moistu	weden g and experimental helt for prediction of phase ed fibre formation during re meat analogues

Bosrandzaal)

Coffee break 10.20 - 10.50

Session E	Biopolymers and Gels	Chair: Theo Blijdenstein Bosrandzaal	Session F	Meat Analogues	Chair: Leonard Sagis Lijsterbeszaal
10.50 - 11.10	Anni Hougaard, Kopenhag	10.50 - 11.10	Atze-Jan van der Goo	ot, WUR, the Netherlands	
	Protein-based gels produced	by fermentation of faba bean		Towards better underst	anding of structure formation in
11 10 - 11 30	Martina Klost Technical II	niversity of Berlin	11 10 - 11 30	Auke de Vries New S	chool Foods Canada
11.10 11.50	Germany	inversity of bernin,	11.10 11.50	Uni-directional freezing	as food structuring tool for meat
	Gelation of protein from meal	worm (Tenebrio molitor): A		analogues	as rood structuring toor for meat
	study on structural changes a	nd rheological properties		unulogues	
11 30 - 11 50	Agathe Schera University	Laval Canada	11 30 - 11 50	liachu Li KII leuven	Belgium
11.50 11.50	Impact of adjunct strains in c	o-culture with a commercial	11.50 11.50	The interplay between s	sov proteins and dietary fibre in
	starter on rheological propert	ies of stirred vogurt		determining structure for	ormation of plant-based meat
	starter on meelogical propert	les of served yogure		analogues produced wit	high moisture extrusion
11.50 - 12.10	Bo Yuan, WUR, the Nether	lands	11.50 - 12.10	Gabriela Saavedra, Tl	hermo Fisher Scientific,
	Effect of pH and calcium addi	tion on the textural properties		Germany	· · · · · · · · · · · · · · · · · · ·
	and temperature sensitivity o	f heated casein gels		Influence of oils on plan	nt-based meat analogues:
		J		Assessing extrudate's m	nechanical properties to ensure
				quality and consumer a	cceptance
12.10 - 12.30	Braulio Macias-Rodriguez,	Amsterdam University, the	12.10 - 12.30	Raisa Rudge, Univers	ity of Queensland, Australia
	Netherlands			Legume-based meats w	vith tuneable texture using
	Double gels made of interpen	etrating colloidal networks		fermentation techniques	s

14.00 - 14.40	Plenary lecture	Theo Blijdenstein (Unilever	the Netherlands)	(Chair: Camilla Terenzi, Bosrandzaal)
	Large and small defo	rmation rheology in multi-phase fo	od products	

Session E	<b>Biopolymers and Gels</b>	Chair: Camilla Terenzi Bosrandzaal	Session F	Meat Analogues	Chair: Peter Fischer Lijsterbeszaal
14.40 - 15.00	Wenbo Ren, Kopenhagen University, Denmark Effect of Ca2+ and pH on thermal gelation behavior of soluble pea protein		14.40 - 15.00	Elise Caron, Ghent Univer Rheological assessment and for the 3D printing of meat	r <b>sity, Belgium</b> d design of protein-rich inks analogues
15.00 - 15.20	Arjen Bot, Unilever, the N Phase behavior of ternary m	<b>etherlands</b> ixtures	15.00 - 15.20	Miek Schlangen, WUR, the Do's and don'ts in tensile te	ne Netherlands esting of meat analogues

#### 15.20 – 15.50 Coffee break

Session E	<b>Biopolymers and Gels</b>	Chair: Niklas Loren Bosrandzaal	Session F	Meat Analogues	Chair: Erich Windhab Lijsterbeszaal
15.50 - 16.10	Lei Ji, University of Califor Manipulating the mechanical ethylcellulose gels: the role of molecular weight surfactants	nia, Davis, USA and rheological properties of f chemical structure of small	15.50 - 16.10	Katja Garina, Delft Universi Structure formation and struct moisture extrusion of soy prot techniques	ity, the Netherlands ture evolution during high teins studied by scattering
16.10 - 16.30	Lara Manzocco, University Effect of processing condition capability of whey protein ae	of Udine, Italy s on structure and sorption rogels	16.10 - 16.30	Diete Verfaillie, Flanders Ro Agriculture, Belgium The impact of protein denature protein isolates on structure for moisture extrusion	esearch Institute for ation and solubility of soy ormation during high
16.30 - 16.50	Karin Wagner, Technion, I The dual Functionality of di-a	<b>srael</b> cylglycerides in lipid systems	16.30 - 16.50		
17 00 - 18 30	Postor Sossion				
17:00 - 10:30	r USLEI SESSIUII				
18.30	Dinner				
20.30 - 00.00	Social event				

# DAY International Symposium of Food Rheology and Structure FOUR Thursday, 15<sup>th</sup> of June 2023 - Wageningsche Berg

#### 09.00 – 09.40 Plenary lecture Deniz Gunes (Leuven University, Belgium)

Some microfluidic tools for studying structure and stability in food dispersions

(Chair: Leonard Sagis, Bosrandzaal)

Session G	Effect of Processing	Chair: Leonard Sagis Bosrandzaal	Session A	Colloidal Suspensions	Chair: Elke Scholten Lijsterbeszaal
09.40 - 10.00	Hannah Hartge, Max Plan Research, Germany Viscosity in crystallizing agita	ck Institute for Polymer ated sucrose dispersions	09.40 - 10.00	Sarah Schroeder, DIL – Go Technologies, Germany Controlling chocolate surface formation potential by the ch material	erman Institute of Food e properties and gloss noice of contact/mould
10.00 - 10.20	Norbert Raak, Aarhus Uni Shaping the structure of bler and whey proteins through h fermentation	versity, Denmark nds from sunflower press cake leat treatment and	10.00 - 10.20	Kato Rondou, Ghent University Rheology of semi-liquid shor composition, processing and	ersity, Belgium tenings in relation to storage temperature

10.20 – 10.50 Coffee break

Session G	Effect of Processing	Chair: Peter Fischer Bosrandzaal	Session A	Colloidal Suspensions	Chair: Deniz Gunes Lijsterbeszaal
10.50 - 11.10	Theo Outrequin, SIIT, Th Effect of the ink rheological parameters on the filament pectin	<b>ailand</b> properties and printing spreading during 3D printing of	10.50 - 11.10	Gabriele D'Oria, Universit Denmark Impact of time and applied s fluid gels' rheology and dyna	y of Copenhagen, shear during processing on amics
11.10 - 11.30	Yagmur Bugday, Eindhov Towards printability predicti formulation and rheology	en University, Netherlands ons of complex food inks:	11.10 - 11.30	Philipp Fuhrmann, Univer Austria Structure and rheology of oil suspensions containing wate and fibres	sity of Natural Resources, l-continuous capillary r-swellable cellulose beads
11.30 - 11.50	Annegret Jannasch, Univ Effects of bran pigmentation properties of waxy rice in ne	ersity of Arkansas, USA and parboiling on rheological eutral and acidic environments	11.30 - 11.50	Xiangyu Liu, WUR, the Ne Engineering ice cream textur crystals	therlands re using fat droplets and ice
11.50 - 12.10			11.50 - 12.10	Costas Nikiforidis, WUR, t Effects of rapeseed oleosome curcumin encapsulation and	the Netherlands e membrane composition on oleosome stability

12.30 – 13.30 Lunch

## POSTER International Symposium of Food Rheology and Structure SESSION Monday, June 12<sup>th</sup> and Wednesday, June 14<sup>th</sup>: 17.00 - 18.30: Boomgaardzaal

Session A	Colloidal suspensions	
A1	<b>Yun Jeong Kim</b> , Hae In Yong, Min Hyeock Lee, Yun-Sang Choi, Bum-Keun Kim	Improvement of emulsification properties through physicochemical changes of porcine myofibrillar proteins induced by non-thermal physical treatment
A2	<b>Ingrid Contardo</b> , Felipe Cabezas, Sofía Gutiérrez, Javier Enrione	Rheological properties and secondary structure changes of quinoa proteins impacted by the incorporations of anionic polysaccharides at various pH and ionic strength
A3	Laura Dehondt, Hubert Eudier, Jean-Marc Saiter, Maxime Bohin	Impact of temperature on sensorial texture perception and rheological behavior of a lipid-based paste: $Plumpy'Nut$
A4	Joanna Kruk, <b>Pawel Ptaszek</b> , Anna Ptaszek	Analysis of non-linear rheological properties of Pickering emulsions stabilised with crystalline starch fractions
A5	Pawel Ptaszek, Daniel Zmudzinski	Surface properties of protein concentrate with faba bean (Vicia faba L. minor)
A6	<b>Kato Rondou</b> , Fien De Witte, Tom Rimaux, Wim Dewinter, Koen Dewettinck, Filip Van Bockstaele	Effect of temperature during production and storage of monoglyceride oleogels
A7	Heidi Liva Pedersen, Hanne Thulstrup, Chih-Cheng (Peter) Chang	NUTRAVA® Citrus Fiber can stabilize oil-in-water emulsions even in the presence of up to 4% Salt and in the presence of Calcium
A8	Duygu Aslan Turker, Mahmut Dogan	Stability, rheology and morphology of O/W emulsion stabilized with PGPR-lecithin
A9	Julia Rodriguez-Garcia, Victoria Norton, Beril Pinarli, Rachael Chuah, Katie Walden and Stella Lignou	Rare sugars as sucrose replacers in biscuits: sweetness and texture perception
A10	<b>Diana Soto-Aguilar,</b> Elke Scholten, Vincenzo Fogliano, Ashkan Madadlou	All-aqueous emulsions stabilized by sporopollenin exine capsules
A11	Sreejani Barua, Thomas A. Vilgis	Physics of Native and Modified Starch: Development of Biophysical Model Systems Explaining the Large Amplitude Oscillatory Shear Behaviour
A12	<b>Nirzar Doshi</b> , Paul Venema, Erik van der Linden, Renko de Vries	Using coacervation to develop functional plant protein-based ingredients from unprocessed leguminous flour mixtures

Session B	Rheology Methods	
B1	Dayeon Lee, Sungmin Jeong, <b>Suyong Lee</b>	Utilization of artificial intelligence to predict the rheological properties of hydrocolloids under different processing conditions
B2	Sungmin Jeong, <b>Suyong Lee</b>	Elucidation of starch recrystallization-induced quality changes in pre-cooked rice noodles under different storage conditions
B3	Theresia Heiden-Hecht, Henrich Frielinghaus, Olaf Holderer	Overview of the potential of neutron scattering techniques to understand food systems

B4 <b>Taranvir Singh Bedi</b> , James Spinks, Mark Auty, Gleb "No sugar coating it" - Vib Yakubov, Michael George sugars in biscuits	rational spectroscopy approaches to locating amorphous
B5 <b>Viena Monterde</b> , Frederik Janssen, Ujjwal Verma, Pieter Understanding the role of v Verboven, Bart Nicolai, Ruth Cardinaels, Arno G.B. Wouters bread loaf volume	vater-extractable wheat flour constituents in determining
B6 Withdrawn	
B7 <b>Fred Gates</b> , Rim Harich, Carole Elleman, Qi He and Tom Characterising paste rheolo Curwen	gy for process optimisation
B8Kovan Ismael-Mohammed, Mireia Bolivar-Prados, LauraAssessment of the rheologiLaguna, Pere Claveoropharyngeal dysphagia	cal properties of thick puree dishes for patients with

Session C	Interfacial Rheology	
C1	Xingfa Ma, Mehdi Habibi, Leonard M.C. Sagis	The stability of plant protein-polysaccharide emulsions: The link to their interfacial properties
C2	Hanne Thulstrup, Heidi Liva Pedersen, Chih-Cheng(Peter) Chang	The impact of use level and activation on the interfacial rheological properties of NUTRAVA® Citrus Fiber at the water-oil interface

Session	Tribology	
D		
D1	Florian Rummel, Martina Tietz, Shona Marsh	Tribological model system testing of cocoa mass samples with different particle size distributions

Session E	Biopolymers & Gels	
E1	<b>Buse Gürbüz</b> , Artur J. Martins, Rui C. Pereira, Miguel Azevedo, Lorenzo M. Pastrana, Miguel A. Cerqueira	Rheological characterization of bigels and hydrogels prepared with a natural fibre
E2	Hyun Jin Jung, <b>Imkyung Oh</b>	Thermal, rheological and physicochemical properties of oleogel-based emulsion containing peanut sprout oil
E3	Haewon Song, <b>Imkyung Oh</b>	Production of edible insect oil-oleogels on candelilla wax and application as an animal fat replacer in meat patty
E4	Makarena Jiménez, Ignacia González, Paulo Díaz-Calderón	Influence of nanocellulose with different particle size on pasting and rheological properties of maize starch and waxy-maize starch
E5	Yi Zhang, Ishita Ghosh, Han Liu, Benjamin Simpson	Functional food protein hydrogels generated via biocatalysis
E6	Roland Ramsch, Marjolein van der Eijk, Loes Bevers, Giovanni Brambilla, Gérard Meunier	Multi Speckle-diffusing wave-spectroscopy – A powerful tool for milk gel characterization
E7	Nathan Pougher, Almut Vollmer, Prateek Sharma	Understanding the Mechanism of Cold Gel Formation in Highly Concentrated-Micellar Casein Concentrate (HC-MCC) Solutions: Impact of Calcium Chelation and pH Adjustment

Session	Meat Analogues	
F		
F1	<b>Sam Kuijpers</b> , Martijn Gobes, Thom Huppertz, John van Duynhoven, Camilla Terenzi	Multiscale imaging of structure formation during high-moisture extrusion processing of soy proteins
F2	Martijn Gobes, Sam Kuijpers, John van Duynhoven, Camilla Terenzi, Johannes Hohlbein, Ruud van der Sman	A viscoelastic rheological model to predict the small-scale structure of meat alternatives produced using high moisture protein extrusion
F3	<b>Katja Garina</b> , Ruud den Adel, John van Duynhoven, Wim Bouwman	Structure formation and structure evolution during high moisture extrusion of soy proteins studied by scattering techniques

Session G	Effect of Processing	
G1	Florencia Kvapil, Rodolfo Mascheroni, Iturriaga Laura	Structural, textural and quality characteristics of slices of carrot dehydrated using different methods
G2	Cecilia Gulotta, Claudia Quinzio, Cristina Ferrero, <b>Laura</b> Iturriaga	Potato flour as functional component in foods. A Physicochemical, rheological and structural study
G3	Kathleen Hooyberghs, Yeming Bai, Ruth Cardinaels, Paula Moldenaers, Kristof Brijs, Jan A. Delcour	Calcium ion induced changes in rheological and textural properties of potato starch gels and potato mashes
G4	Haruka Aoyama, Kiyoshi Kawai	Effect of freeze-concentrated glass transition on the rheological properties of ice cream
G5	Rinka Omura, Kiyoshi Kawai	Effects of the starch gelatinization and rheological properties of dough on the expansion of steamed cake made from rice flour
G6	Won-Ho Hong and Jiyeon Chun	Textural and microstructural properties of thawed pork by tumbling under vacuum
G7	<b>Ruta Murniece</b> , Sanita Reidzane, Ruta Galoburda, Vitalijs Radenkovs, Dace Klava	The impact of fermented rye and barley scald on structure formation and physical properties of wholegrain dough and bread
G8	Dana Middendorf, Sarah Schroeder, Knut Franke	Flow properties of cocoa butter-based suspensions after ball and roller mill grinding are highly influenced by local surface properties of sucrose particles
G9	Fariba Zad Bagher Seighalani, Benjamin Evan, Donald J. McMahon, <b>Prateek Sharma</b>	Rheological properties of Highly Concentrated- Micellar Casein Concentrate as affected by pH and temperature

Session H	Oral Processing and Digestion	
H1	Hanna Lesme, Ben Kew, Anwesha Sarkar, Francesco Sellacci	Relating pea and salivary protein interactions to salivary lubrication and astringency perception
H2	Kohei Ohie, Taiki Yoshida, Yuji Tasaka, Yuichi Murai	Velocity-profiling-based rheometry along the food value chain from production to digestion of complex fluid food
H3	Yifan Zhang, Guido Sala, Elke Scholten, Markus Stieger	How sensory juiciness of plant-based meat analogues and beef patties relates to food and bolus properties
H4	Withdrawn	