	Monday – July 27		Tuesday – July 28		Wednesday - July 29		Thursday - July 30		Friday - July 31		Saturday - August 1		Sunday August 2
9:00	**Arrival to Campus / Hands on workshop on third generation sequencing – wetlab**	Csongor Freytag	**Symposium: Food waste reuse**	**Opening Speech (10 min)** Erzsébet Némedi: Can Food Waste Become the Raw Material of Future Foods? - The Big Strategy Problem **(45-50 min)**	**Symposium: Water sanitation & health**	Márta Vargha: WASH **(30 min)** Gábor Kardos: Antimicrobial resistance in natural waters: lessons from One Health **(30 min)**	**Symposium: Food Production Animals**	Nóra Vass: Smart Farming for Safer Food: The Growing Role of Precision Livestock Farming in Food Safety **(15min)** Renáta Knop: Dairy farm practices and pitfalls **(15min)** Balázs Koleszár: Technology for producing poultry meat **(15min)** Ervin Albert: Livestock-associated MRSA on pig farms and beyond **(15min)**	**Symposium: Food safety & food borne disease**	Brigitta Horváth: Multiresistant organisms in the food chain **(15min)** Sehrish Bilal,Mihaela Badea: Point-of-Care Biosensors for Rapid Detection of Food Toxins and Pesticide Residues **(15min)** Ferenc Peles: Food safety and public health risks associated with milk anad dairy products: A One Health perspective **(15min)** Eldina Smjecanin:**(online)**Food Labels as a key interface for food safety in the producer–consumer relationship **(15min)**	**One Health & Food workshop: collection of opinions**	Vivien Nagy	**Returning home**
10:00	**(pre-registration required, max 5 people)**			Constantin APETREI: **(online)** Sensor applications in the recycling processes and environmental quality control **(20 min)** Loránd Alexa: Waste reduction in the alcoholic beverage production: An overview and a study of fermented pineapple peel beverages **(20 min)** Darko Veljanovski: **(online)** From food production to biogas: pathways to a healthy environment **(20 min)** Lea Pogacnik, Rui F.M. Silva: **(online)**Extraciton and characterization of bioactivities from invasive knotweed species **(20min)**		Balázs Seres: Antimicrobials and antimicrobial resistant organisms in wastewater **(30min)** Márta Vargha: Wastewater as a public health surveillance tool **(30min)**		Gábor Kardos: ESBl producing E. coli carriage in two swine farms with different antibiotic use habits **(20min)** Balázs Koleszár: ESBL-producing E. coli in poultry **(20min)** Viktorija Stojkovski:**(online)** Digital Decision-Making and Sustainable Innovation in Life Sciences: Bridging Technology, Agriculture and Societal Well-Being **(20min)**		Daniel Simakoski:**(online)** Traditional Sheep Farming and Modern Approaches to Milk Quality Assessment **(20min)** Monica TARCEA, Irina MATRAN: **(online)**Impact of inflammatory diet on several chronic diseases – Algorithm of intervention **(20min)**		Vivien Nagy	
11:00			**Jigsaw class: barriers to food waste reuse**	Flórián Sipos, Vivien Nagy	**Symposium: Water sanitation & health**	Dóra Gere: From the Danube to the Tap: Monitoring Organic Micropollutants in a Riverbank Filtration System **(20 min)** Magdolna Petrics:**(online)** Detection of chemical substances with public health relevance in wastewater **(20 min)** Bernadett Khayer: Health aspects of natural bathing waters **(20min)**	**Animal farm – field trip**	Bőkényné Tóth Renáta, Nagy Tünde, Kádár-Szeőcs Dóra, Vivien Nagy,	**Food borne outbreak: model outbreak investigation in groups**	Krisztina Szarka	**One Health in the EU legislation explorative workshop**	Flórián Sipos	
12:00													
13:00	Lunch time				Lunch time				Lunch time		Lunch time		
14:00			**Hands on workshop on third generation sequencing continued - dry lab**	Vivien Nagy	**BMW group trip**	Flóra Mazurák, Renáta Bőkényné Tóth				Zoltán Rádai	**Round table discussion of the take home messages of the summer school**	Gábor Kardos	
15:00													
16:00													
17:00	**Opening – getting together with snacks**										**Closing & Networking**		
18:00					**Free time**		**Free time**						
19:00			**Visit to the Synagogue and Introduction to Kosher Dietary Rules**	Zsolt Heller, Vivien Nagy	**Optional city walk in Debrecen**		**Optional walk in the University (historical building, botanical garden)**		**Free time**				