5th Asia-Pacific Food Safety International Conference, 27-28 January 2020, Virtual Event									
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The use of challenge studies to explore the fate of <i>Listeria monocytogenes</i> in artisanal cheese varieties from Belgium (Part. 2)									
RESULTS									
Types of cheese	pH (D0)	Water activity (D0)	Dry matter (%) (D0)	Range of 5 (EURL Lm)	N batches with growth of L. monocytogenes (EURL Lm)	Range of 6 (EURL NVWA)	N batches with growth of L. monocytogenes (NVWA)	Range of 8 (EURL FASFC)	N batches with growth of L. monocytogenes (FASFC)
Unripened acid-curd Mold-ripened soft Smear-ripened soft Gouda-type	4.4±0.1 5.8±0.6 5.7±0.3 5.9±0.1	0.99±0.01 0.97±0.02 0.97±0.01 0.96±0.0	25.9±9.7 50.1±3.0 49.9±4.1 60.2±5.3	-1.590.48 -0.20 - 4.70 -1.10 - 2.68 -1.49 - 1.19	0/12 10/12 7/12 1/12	-1.590.48 0.80 - 4.73 -1.10 - 2.75 -1.49 - 1.19	0/12 11/12 8/12 2/12	-1.44 - 0.00 0.83 - 5.36 -0.35 - 2.93 -1.36 - 1.23	0/12 12/12 8/12 2/12
St-Paulin-type	5.7±0.2	0.96±0.0	59.5±4.6	-0.94 - 0.93	1/20	-0.94 - 2.52	5/20	-0.70 - 2.76	6/20
CONCLUSIONS									
L. monocytog all 12 batch cheeses fro circular (F published b Safety of th recognizing pH < 5 at are not risk: Before sale colores ale colores and colores and col	mer was u es of unr m this CCB/S3 y Federa the Food that the the end y regardin s, 100 c This n dy valuab	mable to ipened ac study. /1636380 I Agency Chain (F se cheese of manu ag this pa fu/g are ew critu le in Belg	grow in id-curd A new ) was for the ASFC), s, with facture, thogen. now enia is ium.	PI and water activity theoretically insufficient to prevent the growth of L mmolganic nother types of checker, Pathogan able to develop in some samples of allower vanicities. Pathogan able to develop in some samples of allower vanicities. Pathogan able to develop in some samples of allower vanicities. Pathogan able to develop in some pathogan able to develop in the source of the source of the source of the source of the test in some model operated develop. Centrally no growth in Goula-type checkers.			Differences between methods for 8 calculation; Expecially for St-Paulin type cheeses; Inst-back variability on tuben into account by the method (EMRL Lp); conclusions regarding food safety when intra- back variability or tuben into account in the experiment of the same set of the same		

## ACKNOWLEDGEMENTS

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