






Table S1. The scoring system published by Amin et al. (2012) [47] was applied to assess the degree of LMH monolayer destruction.

		SCORES (Cell Layer Color Intensity)				
Score		0	1	2	3	4
0	intact monolayer					
1	up to 25% of the monolayer destroyed					
2	25–50% of the monolayer destroyed					
3	50–75% of the monolayer destroyed					
4	more than 75% of the monolayer destroyed					

¹ Scoring system for the degree of LMH monolayer destruction Abbreviations: EPB = entomopathogenic bacteria, CFCM = cell-free conditioned culture media.

Table S2. Stocks solutions and dilutions, and dilutions of EMA and EMC, CFCMs.

Dilutions	EMA 80%	EMC 60%
1:2.5	32%	24%
1:5	16%	12%
1:7.5	10.63%	7.97%
1:10	8%	6%
1:25	3.2%	2.4%
1:50	1.6%	1.2%
1:75	1.063%	0.797%
1:100	0.8%	0.6%

Table S3. Results (Scores) of Experiment 2.

Sample		24 h	48 h	72 h	96 h
Original (unchanged) media in which the cell layer had developed	A	0	0	0	0
	B	0	0	0	0
RPMI1640 + 10%FKS + 0.5% AB Fresh media (original media replaced by fresh RPMI1640 + 10%FKS + 0.5% AB)	A	0	0	0	0
	B	0	0	0	0
Original media replaced by EMA 80% 1:2.5	A	4	4	4	4
	B	4	4	4	4
EMA 80% 1:5	A	3	4	4	4
	B	3	3	4	4
EMA 80% 1:7.5	A	2	2	4	4
	B	2	2	3	3
EMA 80% 1:10	A	1	2	2	2
	B	1	2	2	2
EMA 80% 1:25	A	1	1	0	0
	B	1	1	0	0
EMA 80% 1:50	A	1	1	0	0
	B	1	1	1	1

EMA 80% 1:75	A	1	1	0	0
	B	1	1	1	0
EMA 80% 1:100	A	1	1	0	0
	B	1	1	1	0
EMC 60% 1:2.5	A	2	3	4	4
	B	2	3	4	4
EMC 60% 1:5	A	1	1	2	2
	B	1	1	2	2
EMC 60% 1:7.5	A	1	1	2	2
	B	1	1	2	2
EMC 60% 1:10	A	1	1	2	2
	B	1	1	2	2
EMC 60% 1:25	A	1	1	0	0
	B	1	1	0	0
EMC 60% 1:50	A	1	1	0	0
	B	1	1	1	0
EMC 60% 1:75	A	1	1	0	0
	B	1	1	0	0
EMC 60% 1:100	A	0	0	0	0
	B	0	0	0	0

Table S4. Composition of experimental diets.

	Starter	Grower	Finisher
wheat	48.0	49.9	51.1
maize	5.0	5.0	6.0
ext. soybean meal	32.7	27.9	23.0
ext. sunflower meal	2.0	3.0	4.0
sunflower oil	4.5	6.0	7.0
DDGS	3.0	4.0	5.0
limestone	1.63	1.37	1.32
MCP	1.67	1.45	1.32
salt	0.20	0.19	0.18
NaHCO ₃	0.30	0.30	0.30
Choline chloride	0.025	0.025	0.025
L-Lysine HCL	0.37	0.29	0.27
DL-Methionine	0.34	0.27	0.22
L-Threonine	0.16	0.12	0.1
vitamin premix	0.05	0.05	0.04
mineral premix	0.1	0.1	0.1

Table S5. Nutrient content of the experimental diets (g/kg).

	Starter	Grower	Finisher
AMEn (MJ/kg)	11.99	12.54	12.93
D.M.	881.56	882.80	883.87
C. protein	235.39	220.44	205.62
C. fat	62.97	78.61	89.53
C. fiber	38.86	39.10	39.32
LYS	14.31	12.59	11.31
MET	6.79	5.96	5.31
MET + CYS	10.69	9.68	8.86
THR	9.82	8.89	8.14
TRP	2.85	2.67	2.48

Dig. LYS	12.74	11.16	10.01
Dig. MET	6.28	5.45	4.82
Dig. M+C	9.44	8.49	7.71
Dig. THR	8.32	7.43	6.72
Dig. TRP	2.40	2.22	2.03
Na	1.75	1.74	1.73
Cl	2.24	2.06	1.99
K	9.82	9.13	8.42
Mg	1.79	1.74	1.70
Ca	10.65	9.18	8.66
total P	7.93	7.41	7.09
Dig. P	5.01	4.52	4.21