

Erratum

Page	Line	Where it is read	Should be read
viii	16	The results showed that when in pure culture and suspension, <i>H. pylori</i> can completely lose cultivability without a significant loss of rRNA, possibly becoming VBNC.	The results showed that when in pure culture and suspension, <i>H. pylori</i> never completely lost cultivability and viability remained constant.
ix	2	águas potável	água potável
x	21	Os resultados demonstraram que este patogénico é capaz de perder completamente a cultivabilidade retendo contudo a viabilidade, tornando-se VBNC.	Os resultados demonstraram que este patogénico é capaz não só de manter constante a viabilidade como também de nunca perder completamente a cultivabilidade.
3	10	1.1.2.	1.1.4.
9	19	A waterborne pathogen might be a	A waterborne pathogen is a
10	45	Legend: B:	Legend: A: Adsorption/Absorption; B:
12	21	of living a	of living in
17	26	This last strategy	The last strategy
18	29	are primarily	were primarily
25	2	<i>L. lonbeachae</i>	<i>L. longbeachae</i>
29	6	Figure 1.109	Figure 1.10
30	31	Other authors have also detected <i>H. pylori</i> cells in drinking water biofilms by the use of a <i>H. pylori</i> specific PNA probe [39, 49] and therefore it is not accepted as proof that water is a route of transmission. Other authors have also detected <i>H. pylori</i> cells in drinking water biofilms by the use of a <i>H. pylori</i> specific PNA probe [180].	Other authors have also detected <i>H. pylori</i> cells in drinking water biofilms by the use of a <i>H. pylori</i> specific PNA probe [39, 49] and DNA probe [180].

Page	Line	Where it is read	Should be read
33	11	(as in heterotrophic biofilms)	as in heterotrophic biofilms
61	5	fecal	faecal
68	31	Microscopy observation	Microscopic observation
82	11	In terms of total cells it is possible to observe that the curves for the three conditions tested overlap, meaning that the differences between the three conditions tested gave similar results ($P>0.05$).	At this temperature, it is possible to observe that the numbers of total cells vary slightly during biofilm formation and between the different conditions tested (which is also indicated for the value of $P>0.05$).
	16	favorable	favourable
	21	At this temperature, it is possible to observe that the numbers of total cells vary slightly during biofilm formation and between the different conditions tested (what is also indicated for the value of $P>0.05$).	In terms of total cells it is possible to observe that the curves for the three tested conditions overlap, meaning that the differences between the three conditions were not statistically significant ($P>0.05$).
84	12	The relation of <i>L. pneumophila</i> was	The relation of <i>L. pneumophila</i> to total cells was
98	16	were similar appear to be similar on	were similar on
116	32	It's	it
123	26	For the heterotrophic experiments, a two-stage chemostat system was first inoculated with a bacterial consortium obtained from tap water and, after biofilm formation reached a steady-state, the system was challenged with the pathogen.	For the heterotrophic experiments, a two-stage chemostat system was first inoculated with a bacterial consortium obtained from tap water and, after the planktonic phase reached a steady-state, the system was challenged with the pathogen and coupons immersed to form biofilm.
	60	0.2 mg l ⁻¹	1.2 mg l ⁻¹
131	8	($P<0.05$)	($P>0.05$)
138	36	DSDW	DWDS
147	20	by [38].	by Rickard et al. [38].

Page	Line	Where it is read	Should be read
148	25	by [51].	by Wilks & Keevil [51].
	27	by [21].	by Guimaraes et al. [21].
150	26	Rogers et al. (1992) [44]	Rogers et al. [44]
	27	consortia biofilms [44].	consortia biofilms.
163	14	With the <i>H. pylori</i> experiments similar results were obtained (Chapter 6). In the planktonic state, cells lost cultivability without losing viability and surprisingly	With the <i>H. pylori</i> experiments different results were obtained (Chapter 6). In the planktonic state, cells never completely lost cultivability and viability remained constant, suggesting that this pathogen is more resistant to chlorine than <i>L. pneumophila</i> . Surprisingly

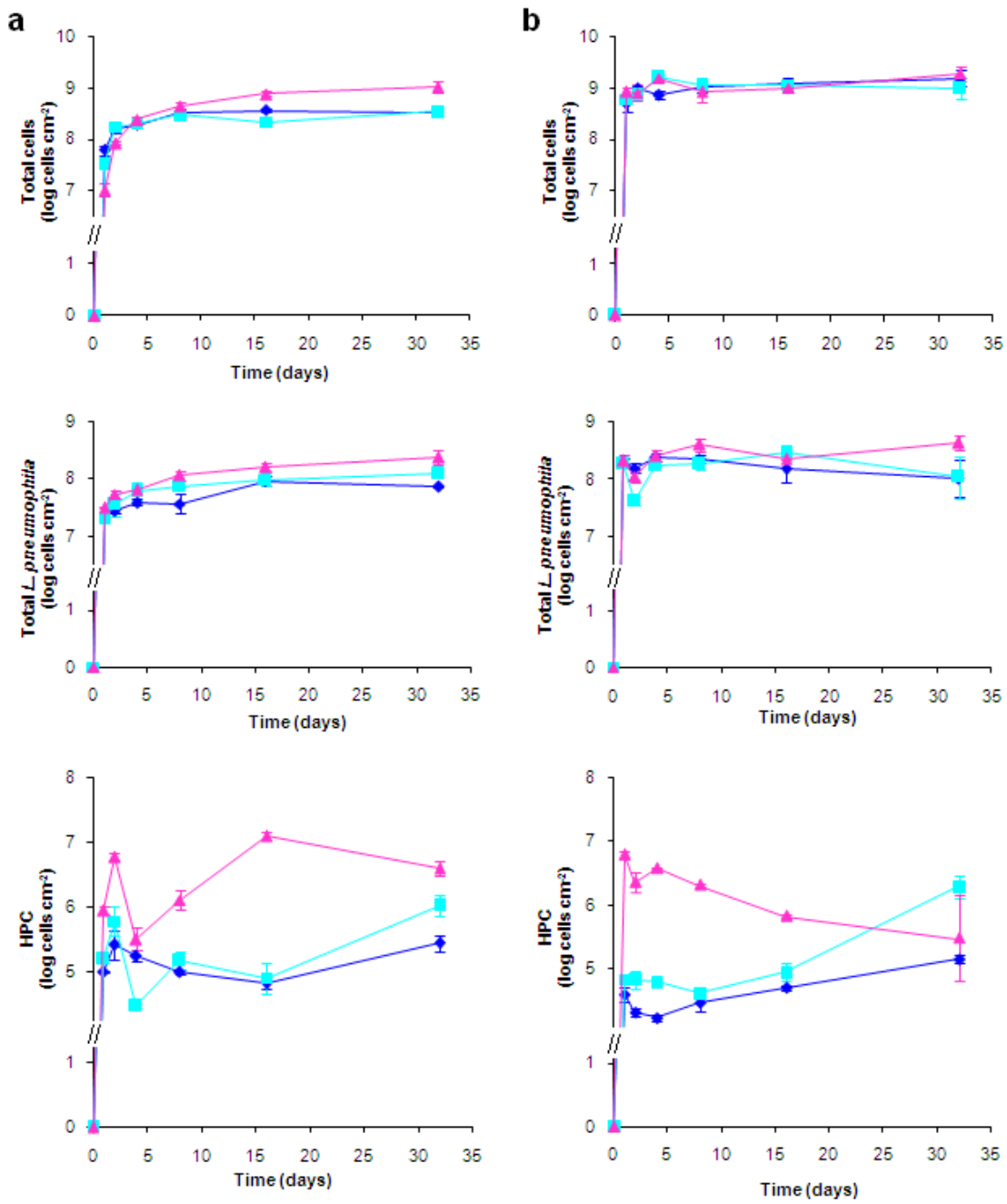


Figure 3.2. Variation in the total cell number, total numbers of *L. pneumophila* and HPC in biofilms formed at 20°C (a) and 15°C (b) in the control (◆), high shear stress (■) and high concentration of carbon (▲).