

Online Table S9. Impact of external sources on environmental (background) and intra-cage levels of EMF.

ROOM	MEASUREMENT POINT	ROOM LIGHT	DVC	Changing station*	Electric Field r.m.s. [V/m]			
					5Hz-100Hz	12Hz-1KHz	1.2KHz-100KHz	100KHz-3GHz
TEST 1 – IMPACT OF EXTERNAL SOURCES ON BACKGROUND EMF								
EMPTY	A - close to the wall (no industrial power socket)	OFF	\	\	1,81	0,35	0,38	1,02
		ON	\	\	3,90	0,52	0,37	1,36
	B - close to the wall, near industrial power socket no. 1	OFF	\	\	9,33	2,64	0,46	1,03
		ON	\	\	8,80	2,46	0,41	1,31
	C - close to the wall, near industrial power socket no. 2	OFF	\	\	32,47	7,99	0,61	1,13
		ON	\	\	40,47	7,67	0,41	1,52
TEST 2 – IMPACT OF EXTERNAL SOURCES ON INTRA-CAGE EMF								
WITH RACK	Cage A9 (with DVC)	ON	OFF	OFF	0,70	0,15	0,36	1,48
		ON	ON	OFF	1,77	0,60	0,42	1,48
		ON	ON	ON	2,75	0,71	0,43	1,54
	Cage D6 (with DVC)	ON	OFF	OFF	0,43	0,12	0,36	1,90
		ON	ON	OFF	1,71	0,62	0,51	1,53
		ON	ON	ON	2,60	0,68	0,37	1,76
	Cage H2 (with DVC)	ON	OFF	OFF	0,76	0,17	0,34	1,83
		ON	ON	OFF	3,24	0,86	0,45	1,54
		ON	ON	ON	4,00	1,02	0,46	1,78

*2 metres away from the rack