Table 3**:** Significant functional connectivity (FC) differences between groups including age and gender as nuisance covariates. All FC results were assessed at $p < 0.05$ FWE cluster-corrected for the multiple comparisons in a combination with a threshold of $p < 0.001$ at the uncorrected voxel level.

Regions of Interest	**Contrast**	**Anatomical Localization**	**k**	**MNI**			**t value**
				x	**y**	**z**	
Left Posterior Hippocampus	*MSp > HC*	R Cuneus	160	9	-90	24	4,62
		R Occipital Sup		24	-93	30	4,20
		R Occipital Mid	56	27	-87	0	4,77
		R Lingual		21	-81	-6	3,83
		R Temporal Mid	41	42	-66	0	4,71
		L Occipital Mid	88	-30	-87	9	4,62
		L Calcarine		-15	-99	-3	4,23
		L Fusiform	81	-24	-72	-12	4,51
		L Cerebellum		-24	-75	-21	4,34
		R Fusiform		30	-48	-9	4,01
		R Lingual	33	24	-48	-6	3,81
		R Cerebellum		24	-54	-21	3,62
	MSi > HC	L Occipital Mid	78	-27	-90	12	5,60
		L Occipital Inf		-12	-96	-9	3,77
Right Posterior Hippocampus	*MSp > HC*	L Cuneus	69	-6	-84	39	4,58
		R Cuneus		12	-84	36	3,65
	MSi > HC	R Frontal Mid Orb	61	42	51	-15	5,60
		R Frontal Mid		39	57	0	4,06
		R Frontal Inf Oper	40	51	21	36	4,21
		L Cingulum Mid		0	-33	48	4,63
		R Cingulum Mid	73	6	-36	36	4,28
		R Precuneus		6	-69	60	4,52
		L Precuneus	44	-3	-66	57	3,64
	MSi > MSp	R Frontal Mid Orb	61	42	51	-15	5,60
		L Frontal Inf Oper	42	-45	18	33	5,39
		L Frontal Mid		-48	24	39	4,55
		L Frontal Sup	78	-21	36	45	4,05
		R Thalamus	33	9	-15	18	3,69
		L Thalamus		-3	-15	12	3,48

Abbreviations: MNI: Montreal Neurological Institute; HC: healthy controls; MSp: multiple sclerosis preserved patients; MSi: multiple sclerosis impaired patients; L: left; R: right.