



tes

ID

ID



ID

ID

ID

f

B

A

,

v

(HC)

,

M
 fl
 HC 57%; F 3,) E (V1 52%,
 VI, HC,
 (F 3 -) T
 HC
 W
 HC
 fi <7 T
 HC
 HC
 RBC
 RBC W
 HC
 (S F 1),
 W
 V1
 F 3
 HC V1 W
 HC,
 (S
 F 2) D V1, HC 7 51%
 HC

(S, T_r 1-3), (EET) HC
 (F 4) I, P 3 (F 4) HC N 1
 P 3 (F 4) HC
 () HC V1

HC neurovascular coupling is not lower because neuronal firing is less synchronous A, HC

(, V1,)
 I, HC
 V1, HC
 HC, W

HC (1-308), 70 (1-308), SO O
 HC 227, 135 (HC V1), RBC
 HC (S)
 NP, V1 (S) F 3) W (NP) F 7) I V1, RBC (S) F 7)
 HC T NVC NVC HC V
 NP, fi W NVC V1 HC W
 W (S) fi F 4), V1 HC
 NVC (S) fi F 6)

-387 205-1 0003

HC neurovascular coupling is not lower because of vascular deficits arising from the surgical preparation T

CA1 V1, W
 CA1 W CA1 fi
 CA1, F 5) F (S) fi (S) fi
 <math>< 100 \mu</math> F 6)

Pericytes have a less-contraction morphology in HC than V1 I

fi
 T
 (, F 6) T
 CA1¹⁵ O (F 6 = , S F 7) fi
 (>15) 300

83, 20 HC) RNA (= 137, 10 HC) NMDA
 , ()
 (S) T_r 4 5) T HC, S
 fi EET 20-HETE S
 fi
 22,23 ,
 T_r 4 HC (S) M
 24, NMDA
 V1 F 8;
 V1

fr

VI_r

r

F , HC V1, HC V1, T fl
CBF RBC RBC I V1, E HC
RBC , fi 31 HC fl RBC 32,

A HC 46, A fi

Interpreting BOLD O BOLD

HC 9,10 I HC, BOLD BOLD HC

S HC A fi

HC VI⁴⁷

HC 48 HC ()

fi D (70 D , F S fi) A
H -
(S fi),
XLUMP FL N, O 16 , LWD, N), (20 C
V II T S (C) T 940 ,
fi T 1-GC MP6 (), T R D
S S (S S 121, S fi) T
500µ I
(256 256 , fi - 6 10-15 26 H , 775 H ,
135-256µ , 256

A ... CA1 ... (S ... W -fi
I ... F 5)
A
2D
A I J 60 ()
F CA1

3 K , S E & D , T L W

2

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