

Table S1: Patient data.

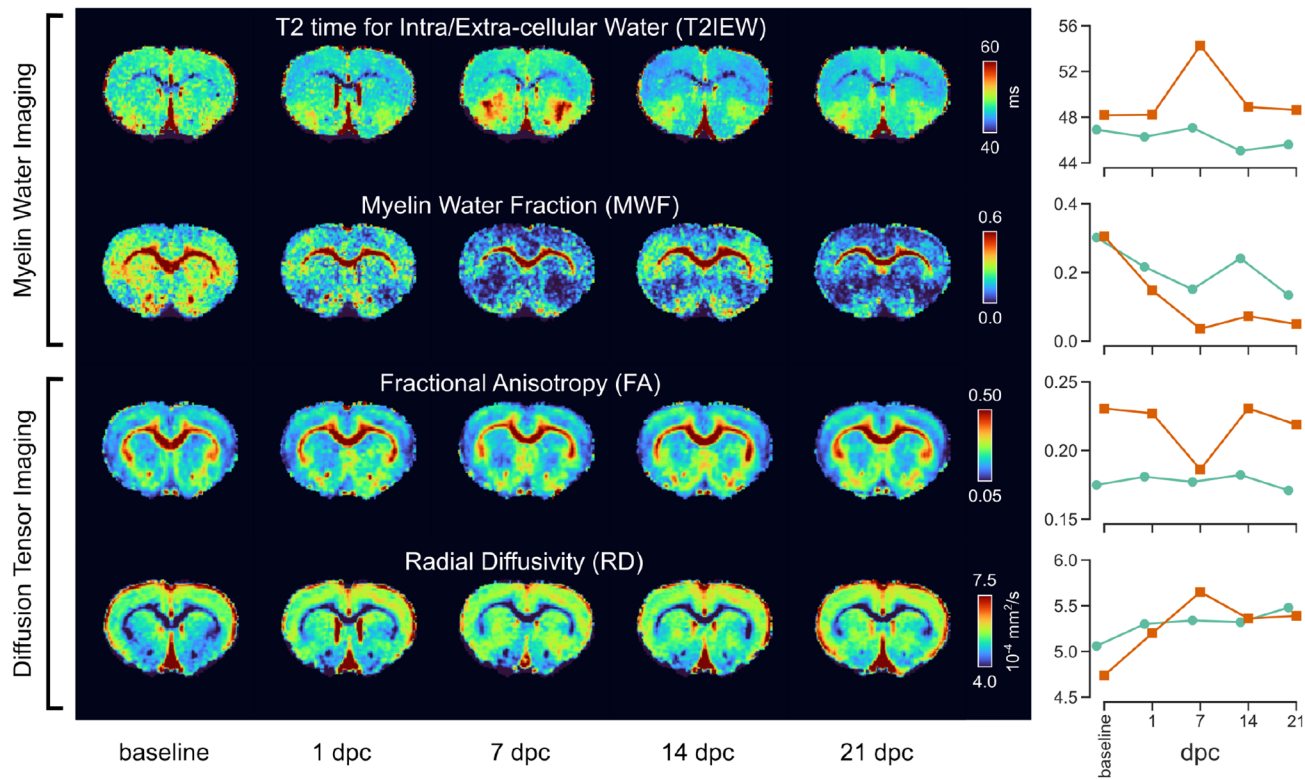
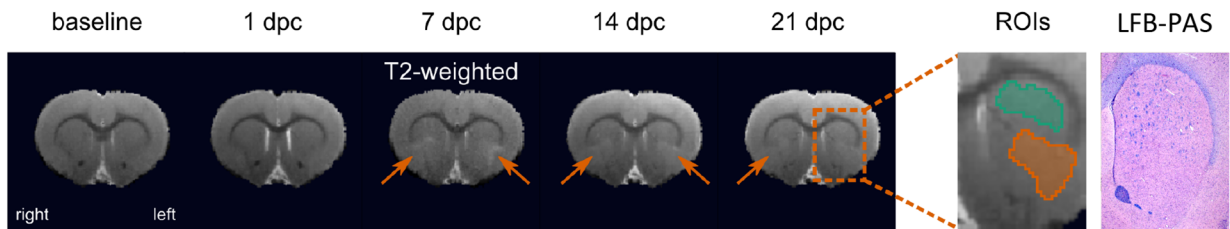
	Age	Sex	Group	Cause of death	Predisposing factors
1	43	f	CPM Early	Pneumonia	History of alcohol abuse, hepatic steatosis
2	41	m	CPM Early	Pneumonia	History of alcohol abuse
3	58	m	CPM Early	Cardiovascular failure	History of alcohol abuse, hepatic steatosis, pancreatitis
4	57	m	CPM Early	Multiple organ failure	HIV infection, liver transplantation
5	32	f	CPM Early	Respiratory insufficiency	History of alcohol abuse, hepatic steatosis, Guillain Barré syndrome
6	46	m	CPM Intermediate	n.a.	History of alcohol abuse, liver fibrosis, hepatic encephalopathy
7	50	m	CPM Intermediate	Cardiovascular failure	No
8	24	m	CPM Intermediate	Multiple organ failure	HIV infection, hepatomegaly
9	47	m	CPM Intermediate	Respiratory insufficiency	History of alcohol abuse, hepatic steatosis,
10	52	m	CPM Intermediate	Multiple organ failure	History of alcohol abuse
11	40	f	CPM Late	Cardiovascular failure	History of alcohol abuse, frontotemporal dementia
12	63	m	CPM Late	Cardiovascular failure	History of alcohol abuse, history of cortical infarct
13	46	f	CPM Late	n.a.	History of alcohol abuse, liver fibrosis
14	36	f	CPM Late	Cardiovascular failure	History of alcohol abuse, liver fibrosis, hepatic encephalopathy
15	50	m	CPM Late	Pneumonia	History of alcohol abuse, liver fibrosis
16	80	m	CPM Late	Cardiovascular failure	History of alcohol abuse, liver fibrosis, chronic pancreatitis
17	15	m	CPM Late	Liver failure	Hepatitis B infection, liver transplantation
18	72	f	CPM Late	Cardiovascular failure	History of alcohol abuse, polyneuropathy,

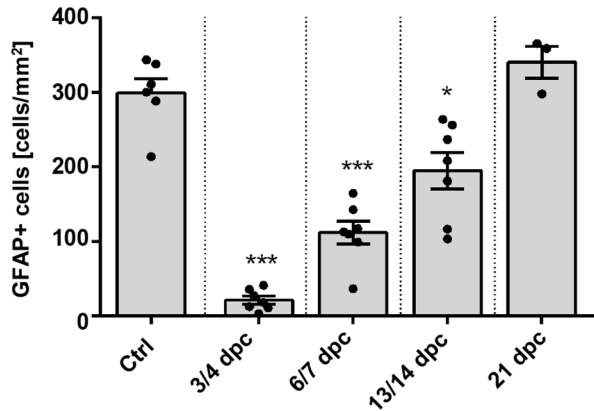
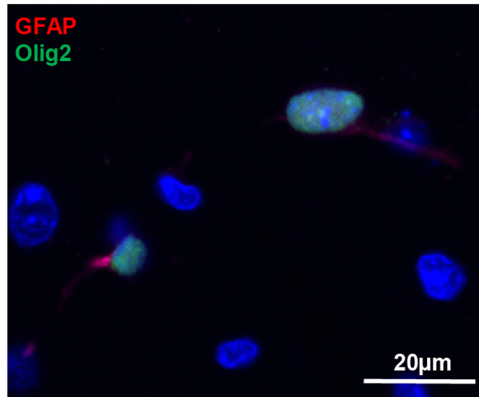
					optic atrophy
19	58	m	Control	Cardiac arrest	-
20	60	m	Control	Sepsis, multi organ failure	-
21	90	f	Control	Heart failure	-
22	57	f	Control	Sepsis	-
23	39	f	Control	Pulmonary embolism	-
24	65	m	Control	Trauma	-
25	38	f	Control	Breast carcinoma	-
26	62	m	Control	Suicide	-
27	GW34	m	Control	Pulmonary hypoplasia	-

f: female, m: male, n.a: not available, GW: gestational week

Table S2: Criteria for staging of human CPM lesions

	Astrocytes (GFAP, AQP4)	Phagocytes (KiM1P)	Myelin (LFB)
Early	Reduced density Often bipolar Mostly AQP4 negative	High density Foamy	Disrupted
Intermediate	Normal/increased density Few bipolars Mostly AQP4 negative	Moderate densities Partially foamy, partially amoeboid	Absent
Late	Normal density Reactive morphology AQP4 positive	Moderate density Inactive/ramified morphology	Pale, remyelinated or absent

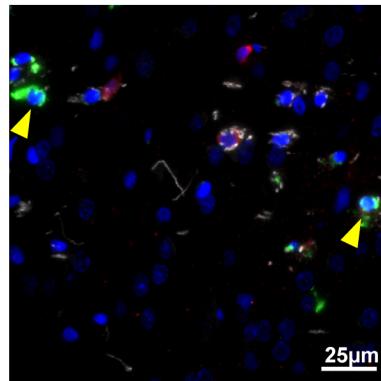
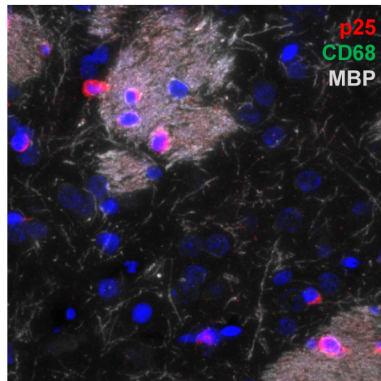


a**b**

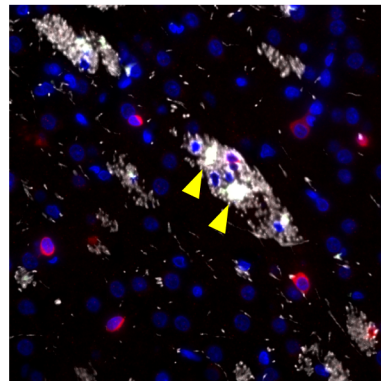
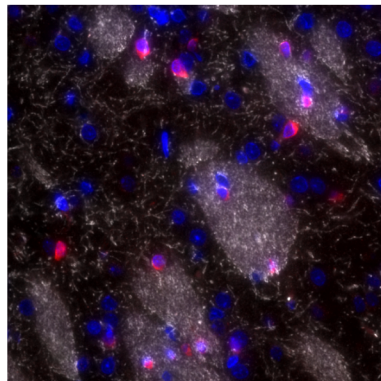
Perilesion

Lesion

14dpc



21dpc

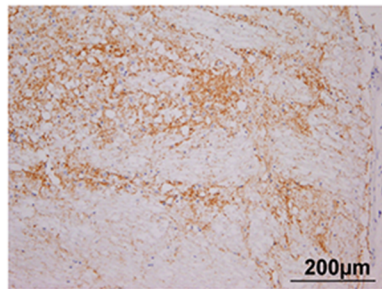


Early-stage CPM

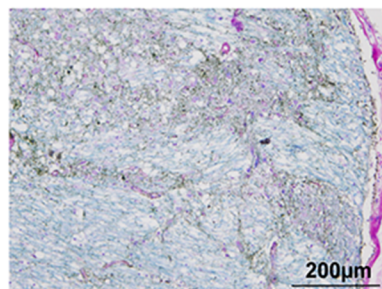
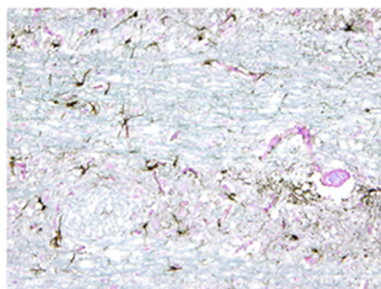
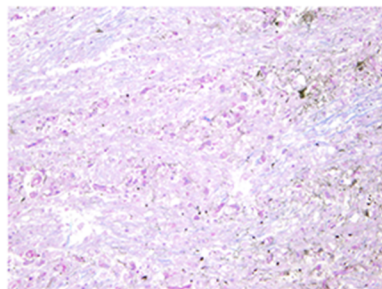
Intermediate-stage CPM

Late-stage CPM

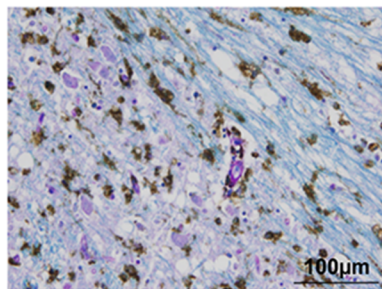
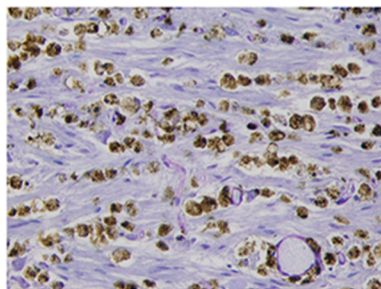
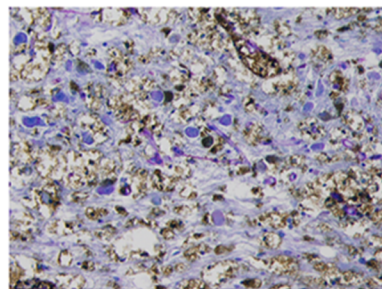
AQP4



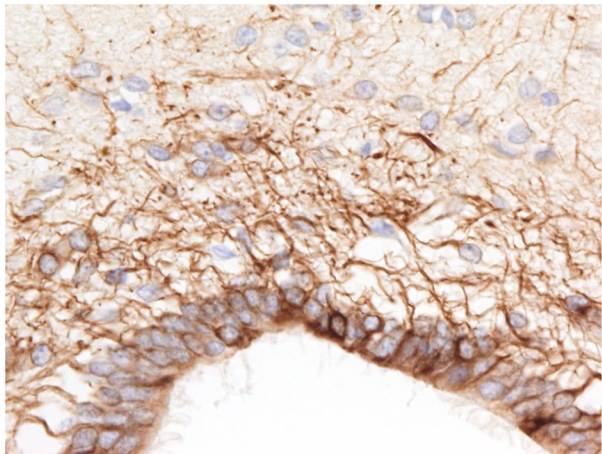
GFAP - LFB/PAS



KiM1P - LFB



Fetus – Gestational week 34



CPM patient – 36 years

