**Annexe 1.**

Infectious work up Case 1 (all negative):

* Enzyme-linked immunospot for *Mycobacterium tuberculosis.*
* Serologies for *Borrelia burgdorferi, Brucella* spp., *Bartonella haenselae, Yersinia pestis*, *Treponema pallidum, Toxoplasma gondii*, Human immunodeficiency virus
* *Tropheryma whipplei* PCR in saliva and stool
* CSF and brain conventional bacterial cultures as well as cultures for mycobacteria, *Nocardia* spp, *Cryptococcus neoformans*, fungi and dimorphic fungi
* CSF and brain eubacterial PCRs and specific PCRs for: Brucella spp., *Mycobacterium tuberculosis*, Herpes simplex virus 1 and 2, Varicella-zoster virus

Infectious work up Case 2 (all negative) :

* Enzyme-linked immunospot for *Mycobacterium tuberculosis*
* Serologies for *Borrelia burgdorferi, Brucella* spp*., Bartonella haenselae, Coxiella burnetii, Mycoplasma pneumonia, Treponema pallidum, Toxoplasma gondii*, Human immunodeficiency virus, Lymphocytic Choriomeningitis virus, tick-born encephalitis virus
* Beta-D-glucan, galactomannan, *Cryptococcus neoformans* antigens and *Tropheryma whipplei* PCR in serum
* CSF and brain conventional bacterial cultures as well as cultures for mycobacteria, *Nocardia*, fungi and dimorphic fungi
* Ziel-Neelsen coloration for BAAR in brain tissue: negative
* CSF and brain eubacterial and panfungal PCRs and specific PCRs for: *Streptococcus pneumoniae*, *Neisseria meningitidis*, *Listeria monocytogenes*, *Brucella* spp., *Mycobacterium tuberculosis*, Herpes simplex virus 1 and 2, Varicella-zoster virus, cytomegalovirus, Human herpes virus-6.

*All PCR analysis were performed in frozen brain tissue.*