



Society News

European Confederation
of Neuropathological
Societies

Dear Colleagues,

The past two months of 2021 were quite uneventful in terms of Euro-CNS activity. Explorations for holding the Euro-CNS courses virtually are being continued. The European Examination in Neuropathology (EFN) has been postponed from November 2021 to Spring 2022 (in Vienna). Prospective candidates may contact the Euro-CNS office and Prof. Tibor Hortobagyi. Details are posted on the Euro-CNS website. Preparations for the International Congress of Neuropathology in Berlin (2023) are taking place and we expect to publish an update in the next issue. Fortunately, we did receive a new Quiz from Ingeborg Fischer (Aarau, Switzerland), which you can find below. We refer to the Euro-CNS website for the correct answers. You can also make the quiz online and see your score right away.

We trust that we can report on new activities in the next issue of Clinical Neuropathology.

With kind regards,
The Euro-CNS News Team



Quiz #11 Clinical Neuropathology

Below you will find Clinical Neuropathology Review Quiz #11, carefully compiled by Dr. Ingeborg Fischer (Aarau, Switzerland). The questions refer to the papers and editorial of this issue of *Clinical Neuropathology* (Volume 41, No. 1/2022, January/February). We recommend making the quiz online, so that you will see your score and the correct answers right away: <https://www.euro-cns.org/journal/journal-quiz/>

1. Which of the following cells do not typically express TTF-1?

- a – Follicular cells of the thyroid gland
- b – Neurons of hypothalamic hamartoma
- c – Mediobasal nuclei of the hypothalamus
- d – Cells of a pulmonary adenocarcinoma
- e – Cells of a pituitaryoma

2. Which of the following is or are possible presenting symptom(s) in patients affected by hypothalamic hamartoma?

- a – Precocious puberty
- b – Gelastic seizures
- c – Focal seizures
- d – Developmental delay
- e – All of the above

3. Which of the following statement regarding subependymal giant cell astrocytoma (SEGA) is not correct?

- a – The majority of patients with SEGA have tuberous sclerosis
- b – SEGA is a clinically malignant tumor
- c – SEGA usually involves the lateral ventricle
- d – SEGA typically expresses neuronal markers
- e – The mTOR signalling pathway is involved in its pathogenesis

4. Which of the following tumors is not associated with tuberous sclerosis?

- a – SEGA
- b – Cardiac rhabdomyoma
- c – Angiofibroma
- d – Cerebellar hemangioblastoma
- e – Retinal hamartoma

5. Which of the following genes is implicated in the pathogenesis of primary meningeal melanocytic neoplasms?

- a – NF1
- b – KRAS
- c – GNA11
- d – PTEN
- e – VHL

6. Which of the following immunohistochemical stains is not likely positive in melanocytoma?

- a – GFAP
- b – Vimentin
- c – SOX10
- d – Melan A
- e – HMB45

7. Which of the following is a feature of cerebellar liponeurocytoma?

- a – Small neurocytic cells
- b – Lipid vacuoles
- c – Immunoreactivity with synaptophysin
- d – Retained ATRX expression
- e – All of the above

8. Which immunohistochemical stain is most likely to give a false negative result regarding a mutation in comparison to next-generation sequencing (NGS) in gliomas?

- a – IDH1
- b – ATRX
- c – p53
- d – H3K27M
- e – BRAF

9. Of the following genes, which one is most frequently mutated in gliomas and mixed glioneuronal tumors diagnosed within the first year of life?

- a – BRAF
- b – TERT
- c – IDH1
- d – ATRX
- e – IDH2

10. Which of the following tumor types is least common within the first year of life?

- a – Ependymoma
- b – Desmoplastic infantile ganglioglioma
- c – Glioblastoma
- d – Pilocytic astrocytoma
- e – Oligodendroglioma

Quiz submitted by
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