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UPDATE IN NEURO-ONCOLOGY

WEBINAR 2022

SCIENTIFIC COORDINATORS
Roberta Rudà and Riccardo Soffietti



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Rationale and Objectives

Neuro-Oncology, a discipline that deals with translational and clinical research on brain tumors, has undergone in the last 20 years significant developments in both the biological and clinical fields. In particular, advances in molecular knowledge are revolutionizing diagnostic and therapeutic approaches in many settings.

These series of Webinars, which involve many of the leading experts, nationally and internationally, aim to provide an updated and complete information to an audience that includes neurologists, young and senior, but also other specialists interested in the management of brain tumors, such as neuropathologists, neuroradiologists, neurosurgeons, radiation and medical oncologists. Particular attention will be paid to the new WHO 2021 Classification, which has extended the use of molecular biology in the diagnostic and/or prognostic settings to an increasing number of brain tumors (gliomas, ependymomas, medulloblastomas, etc.). Moreover, the new diagnostic techniques and innovative therapeutic approaches in the field of neurosurgery, radiotherapy and molecular targeted therapies will be discussed.

SCIENTIFIC COORDINATORS

Roberta Rudà

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WEBINAR 1 >> 17/05/2022

Chairs: R. Rudà, R. Soffiatti

Introductory remarks

- 15.00 - 15.25 Still neurological symptom matter in the era of precision medicine: the model of epilepsy.
R. Rudà (Castelfranco Veneto/Treviso)
- 15.25 - 15.50 Clinical trial design in neuro-oncology: from old to new concepts.
R. Soffiatti (Turin)

Neuropathology: the new WHO Classification of 2021

- 15.50 - 16.15 What's new for tumors in the adult.
A. von Deimling (Heidelberg)
- 16.15 - 16.40 What's new for tumors in children.
F. Giangaspero (Roma)
- 16.40 - 16.45 Conclusions

WEBINAR 2 >> 07/06/2022

Chairs: R. Rudà, R. Soffiatti

Advanced neuroimaging and laboratory techniques

- 15.00 - 15.25 MRI diffusion, perfusion and spectroscopy: indications and limits.
A. Castellano (Milan)
- 15.25 - 15.50 Radiomics in brain tumor imaging.
M. Smits (Rotterdam)
- 15.50 - 16.15 PET in brain tumors: development of new tracers.
N. Galldiks (Koln)
- 16.15 - 16.40 Liquid biopsy in primary and secondary brain tumors: a new frontier.
C. Bettegowda (Baltimore)
- 16.40 - 16.45 Conclusions

WEBINAR 3 >> 29/06/2022

Chairs: R. Rudà, R. Soffiatti

Therapeutic approaches in glioblastoma

- 15.30 - 15.55 Surgical resection and local treatments.
J. Tonn (Munich)
- 15.55 - 16.20 Standard and investigational approaches in radiation therapy.
A. Chalmers (Glasgow)
- 16.20 - 16.45 Targeted therapies: from disappointing studies to new frontiers.
P. Wen (Boston)
- 16.45 - 17.10 Immunotherapy: still a hope?
G. Finocchiaro (Milan)
- 17.10 - 17.15 Conclusions

WEBINAR 4 >> 19/07/2022

Chairs: R. Rudà, R. Soffiatti

Lower grade gliomas: a molecularly-defined entity

15.00 - 15.25 Surgery: do molecular factors influence resection?
L. Bello (Milan)

15.25 - 15.50 Modern management of IDH mutant gliomas.
M. Weller (Zurich)

15.50 - 16.15 What about IDH wild type gliomas?
M. Sanson (Paris)

16.15 - 16.40 Cognitive deficit following treatments.
A. Pace (Rome)

16.40 - 16.45 Conclusions

WEBINAR 5 >> 06/09/2022

Chairs: R. Rudà, R. Soffiatti

Rare Brain Tumors

15.00 - 15.25 Issues regarding surgery
P. Schucht (Berne)

15.25 - 15.50 Medulloblastoma in children and adult.
M. Kool (Heidelberg)

15.50 - 16.15 Ependymoma in children and adult.
M. Gilbert (Baltimore)

16.15 - 16.40 Rare astrocytic and glioneuronal tumors.
R. Rudà (Castelfranco Veneto/Treviso)

16.40 - 16.45 Conclusions

WEBINAR 6 >> 20/09/2022

Chairs: R. Rudà, R. Soffiatti

Neurological complications of solid tumors

15.00 - 15.25 Brain metastasis
N. Andratschke (Zurich)

15.25 - 15.50 Leptomeningeal metastasis
E. Le Rhun (Zurich)

15.50 - 16.15 Paraneoplastic diseases.
J. Dalmau (Barcelona)

16.15 - 16.40 Neurological complications of immunotherapy.
L. Nayak (Boston)

16.40 - 16.45 Conclusions

WEBINAR 7 >> 04 / 10 / 2022

Chairs: R. Rudà, R. Soffiatti

Guidelines and New Hot Topics

- 15.00 - 15.25 New EANO Guidelines on meningiomas.
M. Preusser (Vienna)
- 15.25 - 15.50 New EANO Guidelines on primary CNS lymphomas.
U. Schlegel (Bochum)
- 15.50 - 16.15 Genetic syndromes in brain tumors: advances in treatment.
S. Plotkin (Boston)
- 16.15 - 16.40 Intersections between neuroscience and oncology.
W. Wick (Heidelberg)
- 16.40 - 16.45 Conclusions

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