EUROPEAN MEDICINES AGENCY
SCIENCE MEDICINES HEALTH

Curriculum Vitae

Personal information

Jia-Wei Chen

Work experience

ATMP quality assessor (September 2023 - Present)
Federal Agency for Medicines and Health Products, Brussels, BELGIUM

PhD student in Biological Science (October 2018 – June 2023)
Department of Biology, Faculty of Sciences, University of Namur, BELGIUM

Education and training

PhD thesis in Biological Science (October 2018 – June 2023)
Department of Biology, Faculty of Sciences, University of Namur, BELGIUM

Master Degree in Cellular and Molecular Biology (September 2016 – June 2018)
Department of Biology, Faculty of Sciences, University of Namur, BELGIUM

Bachelor Degree in Biological Science (September 2014 – January 2017) Department of Biology, Faculty of Sciences, University of Namur, BELGIUM

Additional information

Publications

Could Protons and Carbon Ions Be the Silver Bullets Against Pancreatic Cancer?
Huart, C., Chen, J.-W., Le Calve, B., Michiels, C. & Wera, A.-C., 1 juil. 2020, International Journal of Molecular Sciences. 21, 13, p. 1-29 29 p., 4767.

Transmembrane (TMEM) protein family members: Poorly characterized even if essential for the metastatic process.
Marx, S., Dal Maso, T., Chen, J.-W., Bury, M., Wouters, J., Michiels, C. & Le Calvé, B., févr. 2020, Dans: Seminars in cancer biology. 60, p. 96-106 11 p.

Characterization of the role of TMEM45A in cancer cell sensitivity to cisplatin.
Schmit, K., Chen, J.-W., Ayama-Canden, S., Fransolet, M., Finet, L., Demazy, C., D'Hondt, L., Graux, C. & Michiels, C., 4 déc. 2019, Cell Death and Disease. 10, 12, p. 919 18 p., 919.

Projects

PhD thesis in Biological Science (October 2018 – June 2023)
Determination of genes implicated in the resistance to radiotherapy in the treatment of glioblastoma
Promoter : Pr. MICHIELS Carine
Co-promoter : Pr. HEUSKIN Anne-Catherine Research
Unit of Cellular Biology (URBC-NARILIS) and Laboratory of nuclear reaction analysis (LARN), University of Namur, BELGIUM

Master internship (February 2018 – June 2018)
K14 expression may predict the phenotypic heterogeneity of human tumor invasion in 3D organotypic culture
Promoter: Pr. Andrew Ewald Cell Biology Department, Johns Hopkins School of Medicine, USA

Master thesis (February 2017 – January 2018)
Role of the TMEM45A, a protein from the Golgi differentially expressed in hypoxic conditions, in the protection conferred by hypoxia against the effect of anti-cancer chemotherapy in renal carcinoma cells
Promoter : Ph.D. Pr. MICHIELS Carine

Bachelor thesis (March – May 2016)
Chromothripsis phenomenon in cancer cells: causes and consequences
Promoter : Ph.D. Pr. VAN DONINCK Karine
Research Unit of Environmental and Evolutionary Biology (URBE), University of Namur, BELGIUM

Memberships

Poster presentation at Radiation Research congress (RRS) in Big Island, Hawaii (October 2022)
Study of genes implicated in the resistance to radiotherapy in Glioblastoma: from cell line to patient-derived organoids

1st price of the jury at "my thesis in 180 seconds" contest (March 2021) and selected for national final University of Namur, BELGIUM

Invited lecturer for the course entitled Cancer (December 2021)
3D cell culture and organoids culture in cancer, University of Namur, BELGIUM

Awarded best oral presentation and obtained a travel grant for the 14th workshop of Cancéropôle Grand Ouest in Le Bono, France (September 2021)
Determination of genes implicated in the resistance to radiotherapy in the treatment of glioblastoma

Poster presentation at International Congress on Radiation Research (ICRR) in Manchester, UK (August 2019)
Evolution of senescence and stemness markers in glioblastoma cell lines after fractionated irradiation combined with temozolomide

Other Relevant Information