令和４年度　第　27　回　大学院セミナー

令和４年　９月　６日

講　座　名 （責任者名）（内線）	情報病理学分野 責任者名（ 福岡　順也　 ）　　内線（　7055　）
演　　題	**Pathology of mesothelioma and trial of AI for PD-L1 evaluation**
講　師　等	**Luka Brcic MD, PhD** **Medical University of Graz**
概要	Mesothelioma of the pleura is very rare, but very aggressive disease with still poor prognosis. In last decades there has been some improvement in molecular profiling of pleural and peritoneal mesothelioma. This is important for the explanation and understanding of mesothelioma development. Furthermore, molecular analysis makes prognostication and classification of tumors more precise. This should enable development of better therapy, resulting in a better prognosis for the patient. Current knowledge about molecular changes in mesothelioma will be presented. Although not widely used, recent clinical trials have demonstrated effectiveness of immunotherapy also in mesothelioma. PD-L1 is still the only (and the best) predictive marker for this therapy. Evaluation of positivity on tumor cells is known to be very subjective, and even with training pathologists are not able to achieve good concordance in this evaluation. That is the main reason why application of artificial intelligence (AI) would be of a great benefit for pathologists and patients. We have performed analysis of PD-L1 evaluation, comparing results of 6 pathologist with 2 dedicated softwares for PD-L1 evaluation. The results of this will be presented.
開催日時	令和４年　11 月　8 日（火）17:00～18:00
場　　所	医歯薬学総合研究教育棟５階　情報病理学医局 Zoom によるオンライン参加も可
備　　考	質疑応答 10 分を含みます。（ハイブリッド開催） 受講を希望する方は、事務担当までメールでご連絡ください。 当日使用する URL をご案内いたします。 事務担当：第二病理　廣瀬（hirosey@nagasaki-u.ac.jp） If you would like to participate in this seminar and need Zoom ID and Password, please contact Ms. Hirose. （ Email: hirosey@nagasaki-u.ac.jp ）

■先端医療科学特論（基礎編）　□先端医療科学特論（臨床編）
□先端新興感染症病態制御学特論　□先端放射線医療科学特論
□日本語（Japanese）　■英語（English）
■対面（Face to face）　■オンライン（Online）