Modification of extracorporeal photopheresis technology with porphyrin precursors. Comparison between 8-Methoxypsoralen and Hexaminolevulinate in killing human T-cell lymphoma cell lines in vitro

B. Čunderlíková, V. Vasovič, L.L. Randeberg, E. Christensen, T. Warloe, J.M. Nesland, Q. Peng

PII: S0304-4165(14)00218-9
DOI: doi: 10.1016/j.bbagen.2014.05.020
Reference: BBAGEN 27957

To appear in: *BBA - General Subjects*

Received date: 12 December 2013
Revised date: 25 April 2014
Accepted date: 7 May 2014

Please cite this article as: B. Čunderlíková, V. Vasovič, L.L. Randeberg, E. Christensen, T. Warloe, J.M. Nesland, Q. Peng, Modification of extracorporeal photopheresis technology with porphyrin precursors. Comparison between 8-Methoxypsoralen and Hexaminolevulinate in killing human T-cell lymphoma cell lines in vitro, *BBA - General Subjects* (2014), doi: 10.1016/j.bbagen.2014.05.020

Modification of extracorporeal photopheresis technology with porphyrin precursors. Comparison between 8-Methoxypsoralen and Hexaminolevulinate in killing human T-cell lymphoma cell lines in vitro

B. Čunderlíková [1,5], V. Vasovič [1], L. L. Randeberg [2], E. Christensen [3,6], T. Warloe [4], J. M. Nesland [1,7], Q. Peng [1,8]

[1]Department of Pathology, Norwegian Radium Hospital, Oslo University Hospital, Oslo, Norway, [2]Department of Electronics and Telecommunications, Norwegian University of Science and Technology, Trondheim, Norway, [3]Department of Dermatology, St Olav's University Hospital HF, Trondheim, Norway, [4]Department of Gastric Surgery, Norwegian Radium Hospital, Oslo University Hospital, Oslo, Norway, [5]International Laser Centre, Bratislava, Slovakia, [6]Department of Cancer Research and Molecular Medicine, Faculty of Medicine, Norwegian University of Science and Technology, Trondheim, Norway, [7]Faculty Division, Medical Faculty, University of Oslo, Oslo, Norway; [8]Key Laboratory of Micro/Nano Photonics Structure (Ministry of Education), Fudan University, Shanghai, China

Corresponding author: Qian Peng, Department of Pathology, Norwegian Radium Hospital, Oslo University Hospital, Montebello, N-0310 Oslo, Norway. Phone: +47 22935553; Fax: +47 22934832; E-mail: Qian.Peng@rr-research.no

Running title: Photoinactivation of T-cell lymphoma cells by Hexaminolevulinate and UV-A.

Conflict of interest disclosures: The authors declare no conflict of interest.