Press Release

Theralase Affiliated Researchers to Present at International Conference

Toronto, Ontario – April 12, 2017, Theralase Technologies Inc. ("**Theralase®**" or the "**Company**") (**TLT:TSXV**) (**TLTFF:OTC**), a leading biotech company focused on the commercialization of medical lasers to eliminate pain and the development of Photo Dynamic Compounds ("**PDCs**") to destroy cancer, announced today that three Theralase affiliated researchers have been invited to present their latest research at the 16th International Photodynamic Association ("**IPA**") World Congress.

The 16th IPA Congress brings together researchers and clinicians working in the fields of Photo Dynamic Therapy ("**PDT**") and Photo Diagnosis ("**PD**") to foster scientific development and contribute to the widespread use of the best clinical practices. IPA Congresses are the privileged forums to present new advances in PDT and photomedicine. A variety of research and clinical advances will be addressed in more than 130 invited lectures and contributed talks, by an impressive list of lecturers.

http://www.ipa2017.qui.uc.pt/html/welcome.html

Lothar Lilge Ph.D., University of Toronto, will present, "*Creating and monitoring a steep PDT-dose gradient for intravesical Non-Muscle Invasive Bladder Cancer ("**NMIBC**").*"

Pavel Kaspler, Ph.D, Theralase, will present, "X-ray and photon mediated in-vitro and in-vivo activity of Ruthenium(II)-based compounds."

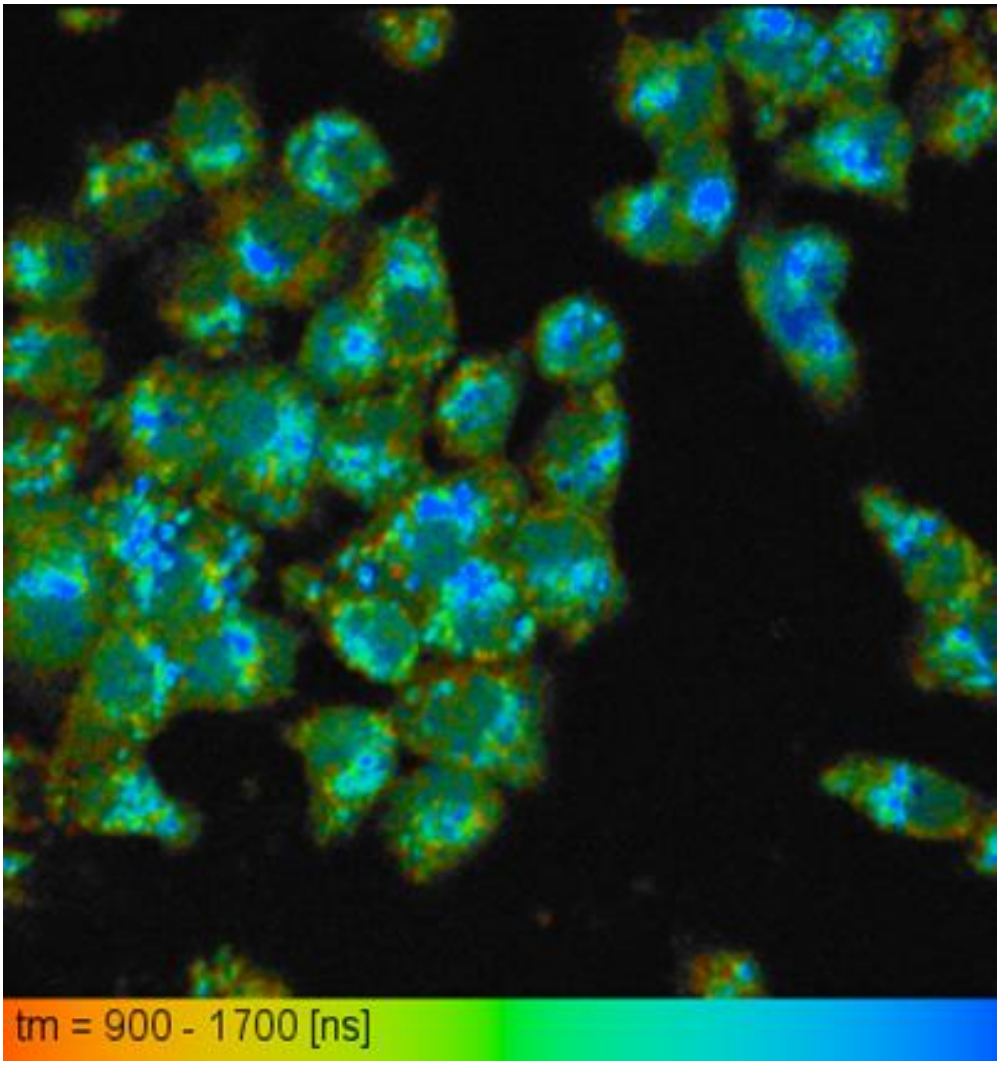
Angelika Ruelck, Ph.D, University of Ulm, will present, "*New phosphorescent Photo Sensitizers ("**PS**") to follow up PDT response by Fluorescence Lifetime Imaging ("**FLIM**") and PS Phosphorescence Lifetime Imaging ("**PLIM**").*"

Lothar Lilge, Ph.D. stated that, "As Theralase advances clinically into the PDT treatment of NMIBC, optimization of TLD-1433 dosing and monitoring of the light activation, will enable faster adoption of PDT for this indication once the regulatory milestones of: safety, tolerability and efficacy have been satisfied."

Dr. Lilge went on to say that, "Personalized PDT treatment planning to date is not established; however, it represents a major advance towards overall PDT efficacy and safety. Various research groups have started to consider light distribution modeling as the key treatment planning parameter; however, there remains the need for spatially resolved photosensitizer and oxygen monitoring. Here, TLD-1433 offers a unique ability to monitor the photosensitizer concentration via its fluorescence properties and the local molecular oxygen concentration via its phosphorescence lifetime, thus providing additional data to establish PDT treatment planning and monitoring the execution thereof."

Pavel Kaspler, Ph.D. stated that, "X-ray activation of TLD-1433 is a new and unexpected discovery by the members of our research team under the leadership of Dr. Arkady Mandel and Dr. Lothar Lilge. The discovery has far reaching implications, including: targeting cancers that are difficult, if not impossible to reach with conventional laser light sources, such as brain tumours or deep tissue related cancers."

Angelika Ruelck, Ph.D. stated that, “PLIM has the ability to overcome well known difficulties, while conducting PDT treatments under hypoxic (low oxygen) conditions or in hypoxic tumour areas. The combination of PLIM with PDT treatment planning using TLD-1433, opens new avenues towards theranostic (**thera**peutics / diag**nostic**s is a process of diagnostic therapy for individual patients to test them for a new medication and to tailor treatment based on the results) approach during PDT delivery. The figure below demonstrates the localization of TLD-1433 in human bladder carcinoma cells and oxygen concentration by PLIM. Blue correlates with hypoxic areas in the cells.”



Color coded PLIM of TLD-1433 in T-24 bladder carcinoma cells (courtesy: A. Rück and S. Kalinina, University Ulm, Ulm, Germany)

Roger Dumoulin-White, President and CEO of Theralase stated that, “Theralase is delighted that researchers affiliated with the Company have gained international recognition for their research and

have been invited to present their findings to their peers at such a prestigious conference. This is a recognition they so richly deserve and lends credence to the strength of their research. Their research will ultimately allow Theralase to successfully commercialize this next generation PDT technology, after safety, tolerability and efficacy have been proven."

About Theralase Technologies Inc.

Theralase Technologies Inc. ("**Theralase®**" or the "**Company**") (**TSXV: TLT**) (**TLTFF: OTC**) in its Therapeutic Laser Technology ("**TLT**") Division designs, manufactures, markets and distributes patented super-pulsed laser technology indicated for the treatment of chronic knee pain, and in off-label use, the elimination of pain, reduction of inflammation and dramatic acceleration of tissue healing for numerous nerve, muscle and joint conditions. Theralase's Photo Dynamic Therapy ("**PDT**") Division researches and develops specially designed molecules called Photo Dynamic Compounds ("**PDCs**"), which are able to localize to cancer cells and then when laser light activated, effectively destroy them.

Additional information is available at www.theralase.com and www.sedar.com .

*This news release contains "**forward-looking statements**" which reflect the current expectations of management of the Corporation's future growth, results of operations, performance and business prospects and opportunities. Such statements include, but are not limited to, statements regarding the proposed use of proceeds. Wherever possible, words such as "**may**", "**would**", "**could**", "**should**", "**will**", "**anticipate**", "**believe**", "**plan**", "**expect**", "**intend**", "**estimate**", "**potential for**" and similar expressions have been used to identify these forward-looking statements. These statements reflect management's current beliefs with respect to future events and are based on information currently available to management. Forward-looking statements involve significant risks, uncertainties and assumptions. Many factors could cause the Corporation's actual results, performance or achievements to be materially different from any future results, performance or achievements that may be expressed or implied by such forward-looking statements; including, without limitation, those listed in the filings made by the Corporation with the Canadian securities regulatory authorities (which may be viewed at www.sedar.com). Should one or more of these risks or uncertainties materialize, or should assumptions underlying the forward looking statements prove incorrect, actual results, performance or achievements may vary materially from those expressed or implied by the forward-looking statements contained in this news release. These factors should be considered carefully and prospective investors should not place undue reliance on the forward-looking statements. Although the forward-looking statements contained in the news release are based upon what management currently believes to be reasonable assumptions, the Corporation cannot assure prospective investors that actual results, performance or achievements will be consistent with these forward-looking statements. The Corporation disclaims any intention or obligation to revise forward-looking statements whether as a result of new information, future developments or otherwise except as required by law. All forward-looking statements are expressly qualified in their entirety by this cautionary statement.*

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