



RESprotect grants North America-License to AustCancer

RESprotect grants North America-License for anti-cancer drug to AustCancer

20th September 2004 - RESprotect GmbH from Dresden signed an license agreement with Australian Cancer Technology ("AustCancer") (ASX:ACU). The Australian Biotech company specialized to oncology, acquires the license for the use of the anti-cancer drug RP101 in North America. The drug is the first commercial breakthrough of the company. Anti-cancer drugs that are developed. RESprotect develops at present four additional anti-cancer drugs.

RP101 is targeted at preventing cells from developing a resistance to chemotherapy. In most cases, long term treatment with chemotherapy leads to resistance against this treatment. This is one of the most challenging areas facing oncologists. RP101 would used as a co-treatment with cytostatic drugs to give a broader range of chemotherapy treatment options, thereby extending survival periods and improving quality of life for the cancer patients. RP101 has demonstrated promising results in a clinical Phase I/II pilot study. AustCancer has developed an accelerated clinical trial program for RP101 which would include application to the US FDA for Orphan Drug status.

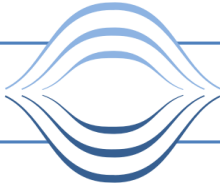
A Phase I/II pilot clinical study with 30 patients in Saxonian clinics over 5 tumor types (metastasized breast, metastasized ovarian, non small cell lung cancer, small cell lung cancer and metastasized pancreatic cancer) was completed in 2003 with different chemotherapy agents. Unexpected results led to an enlargement of the pilot trial in respect to metastasized pancreatic cancer patients. An interim analysis, it seems likely that RP101 co-treatment significantly enhances survival time, remissions, time to progression and response to chemotherapy.

RESprotect's founder and major shareholder, geneticist Professor Dr. Rudolf Fahrig commented that

"results from the Phase I/II pilot trial are very promising and show particular efficacy in pancreatic cancer patients. This is probably due to the fact that when tested in vitro with tumor cells, RP101 has a major effect in down-regulating the oncogene STAT3, and the DNA-repair gene APEX, which are over-expressed in pancreatic carcinoma"

AustCancer's Chairman, Dr. Roger Aston said, "While the patient numbers in the previous pancreatic trials were small, the results appear significant. We believe that the drug may offer new or significant improvements for pancreatic cancer by satisfying unmet medical needs, and therefore might qualify for Orphan Drug status when lodge the IND (Investigative New Drug application) in the US next year".

Cancer of the pancreas is the fifth leading cause of cancer deaths with mean survival time for locally metastasized pancreatic cancer of 4-6 months with a 2-year survival rate of 10%. There are approximately



20,000 new pancreatic cancer patients in the US or Europe each year.

RESprotect is closely associated with the Universities of Leipzig, Munich, Vienna and The Technical University of Dresden. The intellectual property for this development came from the Fraunhofer Society of Munich, a leader in applied research in Europe, where Prof. Fahrig worked until the year 2000.

Professor Fahrig has agreed to join the AustCancer Scientific Advisory Board.

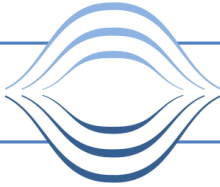
Please direct enquiries to:

RESprotect GmbH
Prof. Dr. Rudolf Fahrig
Fiedlerstr. 34
D-01307 Dresden
Germany
Phone: +49 351 4503201
fahrig@resprotect.de
www.resprotect.de
Australien Cancer Technology Limited
Paul Hopper
Managing Director,
Level 36, Suite 4, 88 Philip Street
SYDNEY New South Wales, Australia 2000
Phone: +61 2 9252 6899
Cell: +61 407 118 366
paulhopper@austcancer.com.au
www.austcancer.com.au

About RESprotect

RESprotect GmbH is a privately owned biotechnology company located in Dresden Germany. RESprotect is focusing on the inhibition of chemoresistance and the enhancement of chemosensitivity. In contrast to the well know efforts to circumvent or decrease existing chemoresistance, this basic approach is unrivalled.

Chemogenomics, the approach of RESprotect, focuses on the application of small synthetic molecules, which elicit favorable phenotypic changes. The combination with genomic tools concentrating on specific biological pathways allows a better understanding of the broader effect of the drug. By doing so, it is possible to discover drugs that target the cause of a disease rather than its symptoms. RESprotect's compounds are given additionally to standard chemotherapy. Chemotherapy relies upon the induction of apoptosis (self-inflicted death) of tumor cells, which is the main anti-cancer mechanism. One major problem in chemotherapeutic treatment is the induction of chemoresistance, which antagonizes the apoptosis of



cancer cells. The chemogenomics approach of RESprotect resulted in the identification of a number of validated targets contributing to the development of chemoresistance by antagonizing apoptosis. RP101, the Company's first small molecule drug candidate, suppresses the over-expression of apoptosis-antagonizing gene products induced by cytostatic drug treatment.

About Australian Cancer Technology

Listed on the Australian Stock Exchange (ASX) Australian Cancer Technology is a broadly based international oncology company developing a portfolio of high quality oncology-related projects that are at various stages of commercialisation. Cash generating businesses will provide the funds to exploit the potential of its leading products and to introduce promising pre-clinical and Phase I projects into the development pipeline. Its leading edge Pentrys™ anti-cancer vaccine successfully completed Phase I and Phase I/IIa trials at St. Vincent's Hospital Sydney and is undergoing a comprehensive Phase IIb trial with prostate cancer patients at three leading Melbourne institutions. Its US subsidiary, revisys™, is launching a range of medical nutritionals designed by leading US scientists for people with special needs, including those undergoing cancer treatment. The company is also broadening its cancer therapeutic development pipeline and has recently announced the acquisition of US based Golenica Pharmaceuticals, whose immune enhancing adjuvants are being used in three Phase I and II cancer trials and will be used in a number of other forthcoming clinical trials in association with Memorial Sloan Kettering Cancer Centre in New York. AustCancer has established a Level 1 ADR stock program in the US, trading under the code of AUCJY.

[download original PDF document](#)