Karyopharm to Present Selinexor Data at the 2023 International Myeloma Society Annual Meeting and European Society of Gynaecological Oncology 2023 Annual Meetings

NEWTON, Mass., Sept. 26, 2023 /PRNewswire/ -- Karyopharm Therapeutics Inc. (Nasdaq: KPTI), a commercial-stage pharmaceutical company pioneering novel cancer therapies, today announced that several abstracts detailing new selinexor data have been selected to be presented at the 2023 International Myeloma Society (IMS) Annual Meeting, being held September 27-30 in Athens, Greece. In addition, exploratory subgroup analyses from the SIENDO Study in patients with advanced or recurrent *TP53* wild-type endometrial cancer will be presented in an oral session, "Abstract Session: Best Oral Session – Endometrial Cancer," at the 2023 European Society of Gynaecological Oncology (ESGO) Congress, being held September 28-October 1 in Istanbul, Turkey.

"We are pleased to have a number of presentations at IMS and ESGO this year that continue to show the meaningful benefit achieved with selinexor across a number of tumor types," said Reshma Rangwala, MD, PhD, Chief Medical Officer of Karyopharm. "The breadth of data to be presented further demonstrates our commitment, as well as that of our collaborators, to develop first-in-class therapies that inhibit XPO1 with the goal to improve outcomes for patients across solid and hematological tumors."

Details for the Karyopharm presentations at ESGO are as follows:

Abstract Title	Presentation Type	Abstract #	Session Date/Time
Endometrial Cancer			
Long-term Follow up of Selinexor Maintenance for Patients with TP53wt Advanced or Recurrent Endometrial Cancer: A Pre-Specified Subgroup Analysis from the Phase 3 ENGO-EN5/GOG-3055/SIENDO Study	Oral	264	Sunday, October 1, 2023 12:05pm – 12:15 pm GMT/ 5:05am -5:15am EST
ENGOT-EN20/GOG-3083/XPORT-EC-042 a Phase 3, Randomized, Placebo-Controlled, Double-Blind, Multicenter Trial of Selinexor in Maintenance Therapy for Patients with TP53wt, Advanced or Recurrent Endometrial Carcinoma	Poster	265	Saturday, September 30, 2023 15:05-15:50pm GMT/11:05am – 11:50am

Details for the Karyopharm IMS posters are as follows:

Abstract Title	Presentation Type	Abstract #	Session Date/Time
Multiple Myeloma			
A Phase 3 Randomized, Open-label Trial of Selinexor, Pomalidomide, and Dexamethasone Versus Elotuzumab, Pomalidomide, and Dexamethasone in Patients with Relapsed or Refractory Multiple Myeloma	Poster	P-323	Thursday, September 28, 2023 12:30pm – 1:30pm EEST/ 5:30am -6:30am EST
Effectiveness of anti-B-cell maturation antigen (BCMA)-targeting therapy after selinexor treatment	Poster	P-232	Thursday, September 28, 2023 12:30pm – 1:30pm EEST/ 5:30am -6:30am EST

In addition, Karyopharm will be featured as part of the following alliance partner and independent investigator posters at IMS:

Abstract Title	Presentation Type	Abstract #	Session Date/Time
Multiple Myeloma			

African American Relapsed/Refractory Multiple Myeloma Patients Have a Progression Free Survival Benefit with Selinexor Treatment in the STORM Study	Poster	P-241	Thursday, September 28, 2023 12:30pm – 1:30pm EEST/ 5:30am -6:30am EST
Efficacy, Survival and Safety of Selinexor, Bortezomib and Dexamethasone (SVD) in Patients with Lenalidomide-Refractory Multiple Myeloma: Subgroup Data from the BOSTON Trial	Poster	P-295	Thursday, September 28, 2023 12:30pm – 1:30pm EEST/ 5:30am -6:30am EST
Selinexor, Bortexomib, and Dexamethasone in Patients with Previously Treated Multiple Myeloma: Updated Results of BOSTON Trial by Prior Therapies	Poster	P-297	Thursday, September 28, 2023 12:30pm – 1:30pm EEST/ 5:30am -6:30am EST
Investigation of T-cell Fitness and Mechanisms of Drug Resistance in Selinexor Treated Patients with Relapsed/Refractory Multiple Myeloma	Poster	P-396	Friday, September 29, 2023 1:15pm – 2:15pm EEST/ 6:15am -7:15am EST

About XPOVIO® (selinexor)

XPOVIO is a first-in-class, oral exportin 1 (XPO1) inhibitor and the first of Karyopharm's Selective Inhibitor of Nuclear Export (SINE) compounds to be approved for the treatment of cancer. XPOVIO functions by selectively binding to and inhibiting the nuclear export protein XPO1. XPOVIO is approved in the U.S. and marketed by Karyopharm in multiple oncology indications, including: (i) in combination with Velcade® (bortezomib) and dexamethasone (XVd) in patients with multiple myeloma after at least one prior therapy; (ii) in combination with dexamethasone in patients with heavily pre-treated multiple myeloma; and (iii) in patients with diffuse large B-cell lymphoma (DLBCL), including DLBCL arising from follicular lymphoma, after at least two lines of systemic therapy. XPOVIO (also known as NEXPOVIO® in certain countries) has received regulatory approvals in various indications in a growing number of ex-U.S. territories and countries, including but not limited to the European Union, the United Kingdom, China, South Korea, Canada, Israel and Taiwan. XPOVIO and NEXPOVIO is marketed by Karyopharm's partners, Antengene, Menarini, Neopharm and FORUS, in China, South Korea, Singapore, Australia, Hong Kong, Germany, Austria, Israel and Canada.

Please refer to the local Prescribing Information for full details.

Selinexor is also being investigated in several other mid- and late-stage clinical trials across multiple high unmet need cancer indications, including in endometrial cancer and myelofibrosis.

For more information about Karyopharm's products or clinical trials, please contact the Medical Information department at:
Tel: +1 (888) 209-9326
Email: medicalinformation@karyopharm.com

SELECT IMPORTANT SAFETY INFORMATION
Warnings and Precautions

- Thrombocytopenia: Monitor platelet counts throughout treatment. Manage with dose interruption and/or reduction and supportive care.
- Neutropenia: Monitor neutrophil counts throughout treatment. Manage with dose interruption and/or reduction and granulocyte colony–stimulating factors.
- Gastrointestinal Toxicity: Nausea, vomiting, diarrhea, anorexia, and weight loss may occur. Provide antiemetic prophylaxis. Manage with dose interruption and/or reduction, antiemetics, and supportive care.
- Hyponatremia: Monitor serum sodium levels throughout treatment. Correct for concurrent hyperglycemia and high serum paraprotein levels. Manage with dose interruption, reduction, or discontinuation, and supportive care.
- Serious Infection: Monitor for infection and treat promptly.
- Neurological Toxicity: Advise patients to refrain from driving and engaging in hazardous occupations or activities until neurological toxicity resolves. Optimize hydration status and concomitant medications to avoid dizziness or mental status changes.
- Embryo–Fetal Toxicity: Can cause fetal harm. Advise females of reproductive potential and males with a female partner of reproductive potential, of the potential risk to a fetus and use of effective contraception.
- Cataract: Cataracts may develop or progress. Treatment of cataracts usually requires surgical removal of the cataract.

Adverse Reactions

- The most common adverse reactions (≥20%) in patients with multiple myeloma who receive XVd are fatigue, nausea, decreased appetite, diarrhea, peripheral neuropathy, upper respiratory tract infection, decreased weight, cataract and

vomiting. Grade 3–4 laboratory abnormalities (≥10%) are thrombocytopenia, lymphopenia, hypophosphatemia, anemia, hyponatremia and neutropenia. In the BOSTON trial, fatal adverse reactions occurred in 6% of patients within 30 days of last treatment. Serious adverse reactions occurred in 52% of patients. Treatment discontinuation rate due to adverse reactions was 19%.

- The most common adverse reactions (≥20%) in patients with multiple myeloma who receive Xd are thrombocytopenia, fatigue, nausea, anemia, decreased appetite, decreased weight, diarrhea, vomiting, hyponatremia, neutropenia, leukopenia, constipation, dyspnea and upper respiratory tract infection. In the STORM trial, fatal adverse reactions occurred in 9% of patients. Serious adverse reactions occurred in 58% of patients. Treatment discontinuation rate due to adverse reactions was 27%.
- The most common adverse reactions (incidence ≥20%) in patients with DLBCL, excluding laboratory abnormalities, are fatigue, nausea, diarrhea, appetite decrease, weight decrease, constipation, vomiting, and pyrexia. Grade 3–4 laboratory abnormalities (≥15%) are thrombocytopenia, lymphopenia, neutropenia, anemia, and hyponatremia. In the SADAL trial, fatal adverse reactions occurred in 3.7% of patients within 30 days, and 5% of patients within 60 days of last treatment; the most frequent fatal adverse reactions was infection (4.5% of patients). Serious adverse reactions occurred in 46% of patients; the most frequent serious adverse reaction was infection (21% of patients). Discontinuation due to adverse reactions occurred in 17% of patients.

Use In Specific Populations
Lactation: Advise not to breastfeed.

For additional product information, including full prescribing information, please visit**www.XPOVIO.com.**

To report SUSPECTED ADVERSE REACTIONS, contact Karyopharm Therapeutics Inc. at 1–888–209–9326 or FDA at 1–800–FDA–1088 or www.fda.gov/medwatch.

About Karyopharm Therapeutics
Karyopharm Therapeutics Inc. (Nasdaq: KPTI) is a commercial-stage pharmaceutical company pioneering novel cancer therapies. Since its founding, Karyopharm has been an industry leader in oral Selective Inhibitor of Nuclear Export (SINE) compound technology, which was developed to address a fundamental mechanism of oncogenesis: nuclear export dysregulation. Karyopharm's lead SINE compound and first-in-class, oral exportin 1 (XPO1) inhibitor, XPOVIO® (selinexor), is approved in the U.S. and marketed by the Company in three oncology indications and has received regulatory approvals in various indications in a growing number of ex-U.S. territories and countries, including Europe and the United Kingdom (as NEXPOVIO®) and China. Karyopharm has a focused pipeline targeting multiple high unmet need cancer indications, including in multiple myeloma, endometrial cancer, myelodysplastic neoplasms and myelofibrosis. For more information about our people, science and pipeline, please visit www.karyopharm.com, and follow us on Twitter at@Karyopharm and LinkedIn.

Forward-Looking Statements
This press release contains forward-looking statements within the meaning of The Private Securities Litigation Reform Act of 1995. Such forward-looking statements include those regarding the ability of selinexor to treat patients with multiple myeloma, endometrial cancer and myelofibrosis; and expectations related to the clinical development of selinexor and potential regulatory submissions of selinexor. Such statements are subject to numerous important factors, risks and uncertainties, many of which are beyond Karyopharm's control, that may cause actual events or results to differ materially from Karyopharm's current expectations. For example, there can be no guarantee that Karyopharm will successfully commercialize XPOVIO or that any of Karyopharm's drug candidates, including selinexor and eltanexor, will successfully complete necessary clinical development phases or that development of any of Karyopharm's drug candidates will continue. Further, there can be no guarantee that any positive developments in the development or commercialization of Karyopharm's drug candidate portfolio will result in stock price appreciation. Management's expectations and, therefore, any forward-looking statements in this press release could also be affected by risks and uncertainties relating to a number of other factors, including the following: the adoption of XPOVIO in the commercial marketplace, the timing and costs involved in commercializing XPOVIO or any of Karyopharm's drug candidates that receive regulatory approval; the ability to obtain and retain regulatory approval of XPOVIO or any of Karyopharm's drug candidates that receive regulatory approval; Karyopharm's results of clinical trials and preclinical studies, including subsequent analysis of existing data and new data received from ongoing and future studies; the content and timing of decisions made by the U.S. Food and Drug Administration and other regulatory authorities, investigational review boards at clinical trial sites and publication review bodies, including with respect to the need for additional clinical studies; the ability of Karyopharm or its third party collaborators or successors in interest to fully perform their respective obligations under the applicable agreement and the potential future financial implications of such agreement; Karyopharm's ability to enroll patients in its clinical trials; unplanned cash requirements and expenditures; development or regulatory approval of drug candidates by Karyopharm's competitors for products or product candidates in which Karyopharm is currently commercializing or developing; the direct or indirect impact of the COVID-19 pandemic or any future pandemic on Karyopharm's business, results of operations and financial condition; and Karyopharm's ability to obtain, maintain and enforce patent and other intellectual property protection for any of its products or product candidates. These and other risks are described under the caption "Risk Factors" in Karyopharm's Quarterly Report on Form 10-Q for the quarter ended June 30, 2023, which was filed with the Securities and Exchange Commission (SEC) on August 2, 2023, and in other filings that Karyopharm may make with the SEC in the future. Any forward-looking statements contained in this press release speak only as of the date hereof, and, except as required by law, Karyopharm expressly

disclaims any obligation to update any forward-looking statements, whether as a result of new information, future events or otherwise.

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https://investors.karyopharm.com/2023-09-26-Karyopharm-to-Present-Selinexor-Data-at-the-2023-International-Myeloma-Society-Annual-Meeting-and-European-Society-of-Gynaecological-Oncology-2023-Annual-Meetings