



## Updated AMG 386 Data Demonstrate Promising Antitumor Activity in Patients With Recurrent Ovarian Cancer

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Amgen (Nasdaq: AMGN) today announced AMG 386, combined with paclitaxel, demonstrated antitumor activity in a randomized Phase 2 trial involving 161 patients with recurrent ovarian cancer. The updated results, now including data on overall survival, are being presented in a poster discussion at the 35th European Society for Medical Oncology (ESMO) Congress being held in Milan, Italy. (Abstract Number: 975PD)

"Treatment advances in ovarian cancer are desperately needed. Ovarian cancer remains the leading cause of gynecological cancer death in women with 5-year survival rates across all stages remaining low," explained Ignace Vergote, MD, PhD, professor and chairman of the Department of Gynecologic Oncology, Leuven University Hospitals, Belgium. "The results of this Phase 2 trial are promising."

Patients in the trial were randomized to receive paclitaxel via IV weekly, three weeks on and one week off, plus weekly: AMG 386 at 10 mg/kg (Arm A, n=53), AMG 386 at 3 mg/kg (Arm B, n=53), or placebo (Arm C, n=55).

Overall survival in the 10 mg/kg arm was 22.5 months (HR = 0.60; 80 percent CI, 0.42 - 0.88;  $P=0.081$ ) versus 20.4 months in the 3 mg/kg arm (HR = 0.77; 80 percent CI, 0.54 - 1.09;  $P=0.330$ ) and 20.9 months in the placebo group. Median progression-free survival, the study's primary endpoint, in the 10 mg/kg arm was 7.3 months versus 7.4 months in the 3 mg/kg arm and 5.0 months in the placebo group (HR [AMG 386 arms vs. placebo] = 0.64; 80 percent CI, 0.50 - 0.82;  $P=0.022$ ). The objective response rate, per RECIST, was 37 percent in the 10 mg/kg arm versus 21 percent in the 3 mg/kg arm and 27 percent in the placebo group. Response rate measured by serum CA-125 levels, per the guidance from the Gynecologic Cancer Intergroup (GCIg), was 71 percent in the 10 mg/kg arm versus 58 percent in the 3 mg/kg arm and 28 percent in the placebo group.

Based in part on these results, the Company is initiating the TRINOVA-1 study, a Phase 3 randomized, double blind trial evaluating AMG 386 administered in combination with weekly paclitaxel as treatment for ovarian, primary peritoneal, and fallopian tube cancers.

In the Phase 2 trial, Grade 3 or higher adverse events (AEs), where the difference in incidence was more than five percent in the AMG 386 arm than the placebo arm, included: hypokalemia (Arm A/B/C percentages 12/11/4), peripheral neuropathy (10/2/4), anorexia (2/6/0), neutropenia (8/9/4), and dyspnea (2/9/4).

Other grade 3 or higher AEs of interest included thromboembolic events (arterial 2/2/0; venous 6/6/9). No grade 3 or higher hypertension was observed and there were no bowel perforations in patients treated with AMG 386. No treatment-related deaths occurred in the study.

AMG 386 is an investigational peptibody that is designed to block angiogenesis by inhibiting angiopoietin-1 and -2 (Ang1 and Ang2). Angiopoietins interact with the Tie2 receptor, which mediates vascular remodeling. Ang1 and Ang2 are thought to play opposing roles, and the maturation of blood vessels appears to be controlled by their precise balance.

### About Amgen

Amgen discovers, develops, manufactures and delivers innovative human therapeutics. A biotechnology pioneer since 1980, Amgen was one of the first companies to realize the new science's promise by bringing safe and effective medicines from lab, to manufacturing plant, to patient. Amgen therapeutics have changed the practice of medicine, helping millions of people around the world in the fight against cancer, kidney disease, rheumatoid arthritis, and other serious illnesses. With a deep and broad pipeline of potential new medicines, Amgen remains committed to advancing science to dramatically improve people's lives. To learn more about our pioneering science and our vital medicines, visit <http://www.amgen.com>.

### Forward-Looking Statements

This news release contains forward-looking statements that are based on management's current expectations and beliefs and are subject to a number of risks, uncertainties and assumptions that could cause actual results to differ materially from those described. All statements, other than statements of historical fact, are statements that could be deemed forward-looking statements, including estimates of revenues, operating margins, capital expenditures, cash, other financial metrics, expected legal, arbitration, political, regulatory or clinical results or practices, customer and prescriber patterns or practices, reimbursement activities and outcomes and other such estimates and results. Forward-looking statements involve significant risks and uncertainties, including those discussed below and more fully described in the Securities and Exchange Commission (SEC) reports filed by Amgen, including Amgen's most recent annual report on Form 10-K and most recent periodic reports on Form 10-Q and Form 8-K. Please refer to Amgen's most recent Forms 10-K, 10-Q and 8-K for additional information on the uncertainties and risk factors related to our business. Unless otherwise noted, Amgen is providing this information as of Oct. 9, 2010 and expressly disclaims any duty to update information contained in this news release.

No forward-looking statement can be guaranteed and actual results may differ materially from those we project. Discovery or identification of new product candidates or development of new indications for existing products cannot be guaranteed and movement from concept to product is uncertain; consequently, there can be no guarantee that any particular product candidate or development of a new indication for an existing product will be successful and become a commercial product. Further, preclinical results do not guarantee safe and effective performance of product candidates in humans. The complexity of the human body cannot be perfectly, or sometimes, even adequately modeled by computer or cell culture systems or animal models. The length of time that it takes for us to complete clinical trials and obtain regulatory approval for product marketing has in the past varied and we expect similar variability in the future. We develop product candidates internally and through licensing collaborations, partnerships and joint ventures. Product candidates that are derived from relationships may be subject to disputes between the parties or may prove to be not as effective or as safe as we may have believed at the time of entering into such relationship. Also, we or others could identify safety, side effects or manufacturing problems with our products after they are on the market. Our business may be impacted by government investigations, litigation and products liability claims. We depend on third parties for a significant portion of our manufacturing capacity for the supply of certain of our current and

future products and limits on supply may constrain sales of certain of our current products and product candidate development.

In addition, sales of our products are affected by the reimbursement policies imposed by third-party payors, including governments, private insurance plans and managed care providers and may be affected by regulatory, clinical and guideline developments and domestic and international trends toward managed care and healthcare cost containment as well as U.S. legislation affecting pharmaceutical pricing and reimbursement. Government and others' regulations and reimbursement policies may affect the development, usage and pricing of our products. In addition, we compete with other companies with respect to some of our marketed products as well as for the discovery and development of new products. We believe that some of our newer products, product candidates or new indications for existing products, may face competition when and as they are approved and marketed. Our products may compete against products that have lower prices, established reimbursement, superior performance, are easier to administer, or that are otherwise competitive with our products. In addition, while we routinely obtain patents for our products and technology, the protection offered by our patents and patent applications may be challenged, invalidated or circumvented by our competitors and there can be no guarantee of our ability to obtain or maintain patent protection for our products or product candidates. We cannot guarantee that we will be able to produce commercially successful products or maintain the commercial success of our existing products. Our stock price may be affected by actual or perceived market opportunity, competitive position, and success or failure of our products or product candidates. Further, the discovery of significant problems with a product similar to one of our products that implicate an entire class of products could have a material adverse effect on sales of the affected products and on our business and results of operations.

The scientific information discussed in this news release related to our product candidates is preliminary and investigative. Such product candidates are not approved by the U.S. Food and

Drug Administration (FDA), and no conclusions can or should be drawn regarding the safety or effectiveness of the product candidates. Only the FDA can determine whether the product candidates are safe and effective for the use(s) being investigated. Further, the scientific information discussed in this news release relating to new indications for our products is preliminary and investigative and is not part of the labeling approved by the U.S. FDA for the products. The products are not approved for the investigational use(s) discussed in this news release, and no conclusions can or should be drawn regarding the safety or effectiveness of the products for these uses. Only the FDA can determine whether the products are safe and effective for these uses. Healthcare professionals should refer to and rely upon the FDA approved labeling for the products, and not the information discussed in this news release.

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