



TRANSGENOMIC NAMES DR. KATHERINE RICHARDSON TECHNICAL DIRECTOR FOR LABORATORY SERVICES

OMAHA, Neb. (April 26, 2010) – Transgenomic, Inc. (OTC/BB: TBIO) today announced that Katherine A. Richardson, Ph.D. has joined the company as Technical Director for Laboratory Services. Dr. Richardson will be responsible for managing the day-to-day operations of Transgenomic's Laboratory Services labs, and will report to Craig Tuttle, Transgenomic's president and chief executive officer.

Dr. Richardson has more than 25 years of genetic laboratory experience. She joins Transgenomic following eight years as a scientist with OSI Pharmaceuticals, where she specialized in molecular biology research and development in the area of oncology. Previously Dr. Richardson was with Eli Lilly and Company for nine years as a senior toxicologist specializing in genetic toxicology and molecular carcinogenesis.

“Dr. Richardson has an impressive background and we are pleased to welcome her to Transgenomic,” said Mr. Tuttle. “She clearly has the stature and expertise in the scientific community we are looking for as we further develop our laboratory services business as well as very strong ties to pharmaceutical research which should help us further expand our Pharmacogenomics services business. Dr. Richardson has to her credit nearly 60 publications, abstracts and presentations at scientific conferences, and she was part of the group at Eli Lilly that identified the link between the BRCA-1 gene and hereditary breast cancer. In particular, we look forward to tapping Dr. Richardson's extensive experience in pharmaceutical drug development and companion diagnostic testing as well as in regulatory and laboratory operating procedures.”

Dr. Richardson holds an S.B. degree in life sciences from the Massachusetts Institute of Technology and a Ph.D. in molecular cellular developmental biology from Iowa State University.

About Transgenomic, Inc.

Transgenomic, Inc. (www.transgenomic.com) is a global biotechnology company specializing in high sensitivity genetic variation and mutation analysis, providing products and services in DNA mutation detection and discovery for clinical research, clinical molecular diagnostics and pharmacogenomics analyses. Its product offerings include the WAVE[®] Systems and associated consumables specifically designed for use in genetic variation detection and single- and double-strand DNA/RNA analysis and purification. With broad applicability to genetic research, over 1,475 systems have been shipped to customers in more than 30 countries. The SURVEYOR[®] Mutation Detection Kits and SURVEYOR Check-It Kit provide reagents and protocols for high sensitivity detection of mutations in DNA. In addition, HANABI automated chromosome harvesting systems improve laboratory productivity with consistent quality compared with manual methods for cytogenetic analyses. Service offerings include the Transgenomic Molecular Laboratory, which provides reference laboratory services specializing in molecular diagnostics including Mitochondrial Disorders, Oncology and Hematology, Molecular Pathology and

Inherited Diseases. Transgenomic Pharmacogenomics Services is a CRO for pharmacogenomic, translational research and clinical trials.

Forward-Looking Statements

Certain statements in this press release constitute “forward-looking statements” of Transgenomic within the meaning of the Private Securities Litigation Reform Act of 1995, which involve known and unknown risks, uncertainties and other factors that may cause actual results to be materially different from any future results, performance or achievements expressed or implied by such statements. Forward-looking statements include, but are not limited to, those with respect to management’s current views and estimates of future economic circumstances, industry conditions, company performance and financial results, including the ability of the Company to grow its involvement in the diagnostic products and services markets. The known risks, uncertainties and other factors affecting these forward-looking statements are described from time to time in Transgenomic’s filings with the Securities and Exchange Commission. Any change in such factors, risks and uncertainties may cause the actual results, events and performance to differ materially from those referred to in such statements. Accordingly, the Company claims the protection of the safe harbor for forward-looking statements contained in the Private Securities Litigation Reform Act of 1995 with respect to all statements contained in this press release. All information in this press release is as of the date of the release and Transgenomic does not undertake any duty to update this information, including any forward-looking statements, unless required by law.