AMENDMENT FOR DISTRIBUTION 14.0--AUTISM
NIMH HUMAN GENETICS INITIATIVE DISTRIBUTION AGREEMENT

NOW, THEREFORE, it is mutually agreed that the National Institute of Mental Health (NIMH) Human Genetics Initiative Distribution Agreement signed by NIMH, the center for Genetic Studies, and _____ **(PLEASE PRINT)** as the Receiving Institution is amended to include the following text in paragraph 14 under the section, Acknowledgement for Autism Biomaterials and Clinical Data:

Biomaterials and phenotypic data were obtained from the following projects that participated in the NIMH Autism Genetics Initiative;

NIMH Study 4 – The collection of data and biomaterials in another project has been supported by National Institutes of Health grant MH55135 ("Collaborative Linkage Study of Autism"). The Principal Investigator was Susan E. Folstein, M.D. (Tufts University/New England Medical Center, Boston, MA), and her key Clinical and Phenotypic Coordinators were Brian Winklosky and Beth Rosen-Sheidley, M.S., C.G.C. Co-Investigators included James S. Sutcliffe, Ph.D. and Jonathan L. Haines, Ph.D. (Vanderbilt University, Nashville, TN).

The collection of data and biomaterials in another project has been supported by National Institute of Health grant MH55284. The Principal Investigator and Co-Investigators were: University of North Carolina, Chapel Hill: Joseph Piven, M.D., University of Iowa, Iowa City: Val Sheffield, M.D., Ph.D., Veronica Vieland, Ph.D. and Thomas Wassink, M.D.

The Shanghai-New Jersey Consortium is currently conducting a privately funded Autism Candidate Gene Study involving researchers at Rutgers University (Department of Genetics) and University of Dentistry and Medicine of New Jersey (UMDNJ) (Center for Advanced Biotechnology and Medicine), New Jersey and The Chinese National Human Genome Center at Shanghai, China. The principal Investigator involved is Jay A. Tischfield, Ph.D. and the Co-Principal Investigators in New Jersey include Lei Yu, Ph.D., Linda M. Brzustowicz, M.D., Neda Gharani, Ph.D., James H. Millonig, Ph.D., Tara Matise, Ph.D., Derek Gordon, Ph.D. and in Shanghai Wei Huang, Ph.D., Ying Wang, Ph.D.

NIMH Study 14 – The collection of data and biomaterials in one project that participated in the National Institute of Mental Health (NIMH) Autism Genetics Initiative has been supported by National Institute of Health grants MH52708, MH39437, MH00219, and MH00980; National Health Medical Research Council grant 0034328; and by grants from the Scottish Rite, the Spunk Fund, Inc., the Rebecca and Solomon Baker Fund, the APEX Foundation, the National Alliance for Research in Schizophrenia and Affective Disorders (NARSAD), the endowment fund of the Nancy Pritzker Laboratory (Stanford); and by gifts from the Autism Society of America, the Janet M. Grace Pervasive Developmental Disorders Fund, and families and friends of individuals with autism. The Principal Investigators and Co-Investigators were: Stanford University, Stanford: Neil Risch, Ph.D., Richard M. Myers, Ph.D., Donna Spiker, Ph.D., Linda J. Lotspeich, M.D., Joachim Hallmayer, M.D., Helena C. Kraemer, Ph.D., Roland D. Ciaranello, M.D., Luca L. Cavalli-Sforza, M.D., University of Utah, Salt Lake City: William M. McMahon, M.D. and P. Brent Petersen. The Stanford team is indebted to the parent groups and clinician colleagues who referred families. The Stanford team extends our gratitude to the families with individuals with autism who were our partners in this research.

NIMH Study 21 (AGRE) – The collection data and biomaterials come from the Autism Genetic Resource Exchange (AGRE) collection. This program has been supported by a National Institute of Health (grants MH64547 and 1U24MH081810) and Autism Speaks, Inc. (formerly the Cure Autism Now Foundation). The Principal Investigator of grant MH64547 is Daniel H. Geschwind, M.D., Ph.D. (UCLA). The Co-Principal Investigators include Stanley F. Nelson, M.D., and Rita Cantor, Ph.D. (UCLA), Christa Lese Martin, Ph.D. (U. Chicago), T. Conrad Gilliam, Ph.D. (Columbia). Co-investigators include Maricela Alarcon, Ph.D., Kenneth Lange, Ph.D., Sarah J. Spence M.D., Ph.D. (UCLA), David H. Ledbetter Ph.D. (Emory) and Hank Juo, M.D., Ph.D. (Columbia).

The Principal Investigator of grant 1U24MH081810 is Clara M. Lajonchere, Ph.D. (USC). The Co-Principal Investigators include Steven Moldin, Ph.D. (USC), Janet Miller, J.D., Ph.D. (Autism Speaks), Mark Urata, M.D. (CHLA), Constantinos Sioutas, Ph.D. (USC), David Amaral, Ph.D. (UC Davis), Curtis Deutsch, Ph.D. (UMASS).

Scientific oversight of the AGRE program is provided by the AGRE steering committee: Dan Geschwind, M.D., Ph.D., UCLA; Maja Bucan, Ph.D., University of Pennsylvania; W. Ted Brown, M.D., Ph.D., F.A.C.M.G., N.Y.S. Institute for Basic Research in Developmental Disabilities; Rita M. Cantor, Ph.D., UCLA; John N. Constantino, M.D., Washington University School of Medicine, St. Louis; T. Conrad Gilliam, Ph.D., University of Chicago; Martha Herbert, M.D., Ph.D., Harvard Medical School; Clara Lajonchere, Ph.D., Autism Speaks; David H. Ledbetter, Ph.D., Emory University; Christa Lese-Martin, Ph.D., Emory University; Janet Miller, J.D., Ph.D., Autism Speaks; Stanley F. Nelson, M.D., UCLA; Gerard D. Schellenberg, Ph.D., University of Pennsylvania; Carol A. Samanago-Sprouse, Ed.D., George Washington University; Sarah Spence, M.D., Ph.D., NIMH; Matthew State, M.D., Ph.D., Yale University; Rudolph E. Tanzi, Ph.D., Massachusetts General Hospital.

NIMH Study 30 – Data was also provided by Dr. Patricia Rodier and Dr. Christopher Stodgell at the University of Rochester.

NIMH Study 33 – NIDCD funded a program project grant (PO1/U19 DC 03610) that was conducted initially at the Eunice Kennedy Shriver Center in Waltham, MA, and then transferred to Boston University School of Medicine (Department of Anatomy and Neurobiology). This program project was part of the NICHD/NIDCD funded Collaborative Program of Excellence in Autism (CPEA). The Principal Investigator was Helen Tager-Flusberg, Ph.D. with Susan Folstein as the co-PI. Clinical data were collected by Robert Joseph, Ph.D., Susan Bacalman, M.S.W. and a team of students and research assistants. As part of this program project, a supplement was awarded by NIDCD to collect blood samples from the children enrolled in the program project and their first degree relatives. The collection of the blood samples was coordinated by Nancy Shaffer, B.A.

NIMH Study 34 – The University of Washington Autism Center research was funded by a grant from the National Institute of Child Health and Human Development (U19HD35465; Geraldine Dawson, Director), which is part of the NICHD Collaborative Program of Excellence in Autism. The CPEA program project is directed by Geraldine Dawson, Ph.D. (Department of Psychology), with Gerard D. Schellenberg, Ph.D. (Departments of Neurology, and Gerontology and Geriatric Medicine) as molecular biologist and Ellen M. Wijsman, Ph.D. (Department of Biostatistics and Division of

Medical Genetics) as statistical geneticist. The Director of the Data Management and Statistical Core is Robert Abbott, Ph.D. (Department of Educational Psychology) with Jeffery Munson, Ph.D. (UW Autism Center). Associate Director in charge of recruitment and diagnostic data collection is Annette M. Estes, Ph.D. (Department of Psychiatry and Behavioral Sciences, Division of Child Psychiatry).

As part of an NIH supplementary project, Mount Sinai School of Medicine was funded from 2004-2005 to contact participants that previously participated in a family/genetic study of autism. Multiplex and simplex families were included. All participants were reconsented specifically to have their biomaterial and diagnostic assessment data contributed to NIMH repository. Any outstanding diagnostic and cognitive assessments were also collected. Blood samples were collected from affected and unaffected family members. For all affected family members, diagnostic assessments included the ADI-R, ADOS-G, Vineland Adaptive Behavior Scale, the PPVT-III and/or the Leiter International Performance Scale. The Principal Investigator was Dr. Alison McInnes, and Co-Investigators were Drs. Jeremy Silverman and Christopher J. Smith, who also supervised the data collection. The diagnostic data collection was performed by staff members at the Family Studies Research Center at MSSM who were trained and reliable raters on the ADI-R and ADOS-G.

NIMH Study 35 – From 1997 to 2011, the NINDS (1997-2007; 5R01N736708) and the NIMH (2007-present; 5R01MH080647) funded an autism genetics study ("Molecular and Genetic Epidemiology of Autism") that was conducted by the John P. Hussman Institute for Human Genomics at the University of Miami Miller School of Medicine and Vanderbilt University. The Prinicipal Investigator is Margaret A. Pericak-Vance, Ph.D. Jonathan L. Haines, Ph.D., of Vanderbilt University Center for Human Genetics Research, is a subcontract Principal Investigator. Co-Investigators are Michael Cuccaro, Ph.D., John R. Gilbert, Ph.D., and Eden R. Martin, Ph.D.

NIMH Study 37 – Data and biomaterials collected for the Indiana University Genetic Studies of Autism has been supported by National Institutes of Mental Health grant U10-MH66766-02S1. The Principal Investigator was Christopher J. McDougle, M.D. (Indiana University) and the Co-Principal Investigator was John I. Nurnberger, Jr., M.D., Ph.D. (Indiana University). Co-Investigators included David Posey, M.D. (Indiana University), Carrie Smiley, R.N., as project coordinator, Sandi Barton and Kurt Williman as research interviewers. We acknowledge assistance form Naomi Swiezy, Ph.D., Kelly Ernsperger, LCSW, and Jennifer Wilerson, R.N.

NIMH Study 39 – Behavioral data and biomaterials for NIMH Study 39 were collected as part of a family-based study on the genetics of the language and communication components of ASD and the broad autism phenotype. Funding for this project was provided by the National Institute of Mental Health grants MH070366 and MH088288, with additional support from the New Jersey Governor's Council for Medical Research and Treatment of Autism (CAUT12APS006 and CAUT15APL026). The Principal Investigator was Linda Brzustowicz, M.D., from the Rutgers University Department of Genetics and the Human Genetics Institute of New Jersey, Piscataway, NJ. Co-Investigators included Christopher Bartlett, Ph.D. (Nationwide Children's Hospital and the Ohio State University, Columbus, OH), Judy Flax, Ph.D., Steven Buyske, Ph.D., and Marco Azaro, Ph.D. (Rutgers University, Piscataway, NJ), Barbie Zimmerman-Bier, M.D. (New Jersey Medical School, Newark, NJ and St. Peter's University Hospital, New

Brunswick, NJ), and Charles Cartwright, M.D. (New Jersey Medical School, Newark, NJ). We also acknowledge the efforts of the entire team of clinical coordinators, interviewers, phlebotomists, laboratory staff, data analysts, and collaborating clinicians. Most importantly, we sincerely thank all the families who gave so generously of their time and effort to make this research possible.

NIMH Study 41 – The collection of data and biomaterials for Study 41 was done by investigators in the STAART Network under an NIH Grant. The grant's focus was the study of the treatment of affective disturbance in children with autism through experiments addressing three specific aims: 1. To determine if the serotonin reuptake inhibitor, citalopram, is effective in the treatment of behavioral disturbance in children with autism. 2. To determine if physiological or genetic markers, measures of family function, or particular pretreatment symptoms are predictive of sensitivity and response to treatment with citalopram. 3. To better understand the response in clinical trials of children with autism by identifying factors influencing parent and clinician ratings of change and to develop new strategies by which to capture the response to therapeutic interventions.

Blood samples were collected between April 1, 2004 and October 30, 2006 and sent to the Genetic Repository from children and their parents participating in the citalopram trial. The citalopram trial was a multi-site randomized controlled trial (RCT) of the selective serotonin reuptake inhibitor (SSRI), citalopram, for the treatment of 149 children ages 5 to 17 with Autistic Spectrum Disorders (ASD) and moderate to severe levels of repetitive behaviors. This work was funded by National Institutes of Health via the following STAART center contracts: Mount Sinai School of Medicine, New York, New York: U54-MH066673, Eric Hollander, MD, principal investigator (PI) 5/1/04-12/11/08), Joseph Buxbaum, PI (12/12/08-4/30/09); University of North Carolina at Chapel Hill: U54-MH066418, Joseph Piven, MD, PI; University of California at Los Angeles: U54-MH068172, Marian Sigman, PhD, PI; Yale University, New Haven, Connecticut: U54-MH066494, Fred Volkmar, MD, PI. Dartmouth Medical School, Hanover, New Hampshire, and Boston University, Boston, Massachusetts: U54-MH066398, Helen Tager-Flusberg, PhD, PI; and DM-STAT, Inc., Boston: U01-HD045023, Kimberly Dukes, PhD, PI. Representatives from NIH included Ann Wagner, Ph.D.; Deborah Hirtz, M.D.; and Louise Ritz, MBA. The principal investigators included Eric Hollander, M.D.; Linmarie Sikich, M.D.; James T. McCracken, M.D.; Lawrence Scahill, M.S.N., Ph.D.; Joel D. Bregman, M.D.; Craig L. Donnelly, M.D.; and Bryan H. King, M.D. The Data Coordinating Center was led by Kimberly Dukes, Ph.D.

The RCT, NCT00086645, was registered at clinicaltrials.gov prior to onset and was conducted at the following 6 academic medical centers: Mount Sinai School of Medicine, New York, New York; North Shore–Long Island Jewish Health System, New York; University of North Carolina at Chapel Hill; University of California at Los Angeles; Yale University, New Haven, Connecticut; and Dartmouth Medical School, Hanover, New Hampshire.

In addition to the submission of trio blood samples, the following baseline (prior to treatment administration) was collected: Aberrant Behavior Checklist (ABC), Autism Diagnostic Interview-Revised (ADI-R), Autism Diagnostic Observation Schedule (ADOS), Vocabulary (Comprehensive Test of Phonological Processing (CTOPP) and Peabody Picture Vocabulary Test (PPVT)), IQ (Leiter International Performance Scale-

Revised (Leiter-R), Mullen Scales of Early Learning, Wechsler Intelligence Scale for Children (WISC – IV), Wechsler Abbreviated Scales of Intelligence (WASI) or Stanford-Binet Intelligence Scales – 5th addition) and Vineland Adaptive Behaviors.

We extend our gratitude to the children and families who participated in the repository, and the STAART Psychopharmacology Network investigators for data collection.

NIMH Study 44 – The collection of data and biomaterials for this study at Vanderbilt University was supported by a NIMH grant R01 MH061009 (*"Genetic Analysis of 15q11-q13 in Autism"*) to James S. Sutcliffe, Ph.D.; grants P01 NS026630 (*"Genetic Studies in Neurological Disorder"*; Project 3: *"Neurogenetics of Candidate Systems in Autism"* and NS036768 (*"Molecular and Genetic Epidemiology of Autism"*) to Jonathan L. Haines (subcontracted from Margaret Pericak-Vance, Ph.D.). Further support came from the Vanderbilt Kennedy Center for Research on Human Development (P30 HD015052), CTSA grant UL1TR000445 from the National Center for Advancing Translational Sciences. The Principal Investigator for the study collection was James S. Sutcliffe, Ph.D. (Vanderbilt University, Nashville, TN). The Co-Investigator was Jonathan L. Haines, Ph.D., and the Clinical and Phenotypic Coordinator for this project was Genea Crockett, M.S. We are most grateful for the families, without whose participation, this research would not have been possible.

NIMH Study 50 – Utah Autism Genetics Project. From 2005 to 2011, the NIMH (R01 MH069359) to study genetics of autism and related phenotypes using nuclear families and extended pedigrees. Principal Investigator was Hilary Coon. We ascertained a total of ~360 trios and small nuclear multiplex families and over 100 multi-generation, multiplex families. These extended pedigrees were identified or confirmed using the Utah Population Database (UPDB), a computerized genealogy database (www.hci.utah.edu/groups/ppr/). Information regarding close relative relationships is contained in the repository. More extended pedigree relationship data may be obtained from the PI. For linkage, genotyping services were provided by the Center for Inherited Disease Research (CIDR) using the 6K Illumina SNP Linkage Panel 12.

NIMH Study 56/Site 163 – The collection and biomaterials come from an NIMH Intramural Research Program study, "*Clinical and Immunological Investigations of Subtypes of Autism*," ClinicalTrials.gov Identifier: NCT00298246. This research was funded by the Intramural Research Program, ZIA MH002868-09. The Principal Investigator of the study was Susan E. Swedo, M.D. and Co-Principal Investigator was Audrey Thurm, Ph.D. Associate Investigators include David Amaral, Ph.D., Ashura Buckley, M.D., Precilla D'Souza, C.R.N.P., Daniel Geschwind, M.D., Jay Giedd, M.D., Paul Grant, M.D., Joan Han, M.D., Greg Holmes, M.D., Carlos Pardo, M.D., Carlo Pierpaoli, M.D., Ph.D., Margarita Raygada, Ph.D., Armin Raznahan, M.D., Ph.D., Owen Rennert, M.D., Sally Rogers, Ph.D., John Shoffner, M.D., Mike Sneller, M.D., Sarah Spence, M.D., Ph.D., and Matthew State, M.D., Ph.D.

NIMH Study 56/Site 208 – The collection of data and biomaterials for the Autism Phenome Project (APP) has been supported by the National Institute of Mental Health (1R01MH089626, U24MH081810, and 1K99MH085099) and the University of California Davis MIND (Medical Investigation of Neurodevelopmental Disorders) Institute. The Principal Investigator is David G. Amaral, Ph.D. The Co-Principal Investigator is Sally J Rogers, Ph.D. Co-Investigators include Sally Ozonoff, Ph.D., Christine Wu Nordahl,

Ph.D., Tony Simon, Ph.D., Frank Sharp, M.D., Paul Ashwood, Ph.D., Judy Van de Water, Ph.D., Jeffrey P. Gregg, M.D., Irva Hertz-Picciotto, Ph.D., M.P.H., Susan M. Rivera, Ph.D., Clifford D. Saron, Ph.D., and Kathleen Angkustsiri, M.D.

NIMH Study 60 – This project was supported by the following grants: NIH MH076028, HD003110 (Joseph Piven), R01 MH086117 (Veronica J. Vieland), U24 MH068457 (Jay Tischfield, PI). We also acknowledge the contributions of Molly Lush, Ph.D. to the design of this study.

We thank the families for their participation in the study and The Centre for Applied Genomics at the Hospital for Sick Children and University of Toronto for technical support. Marc Woodbury-Smith acknowledges the support of CIHR [Strategic Training in Advanced Epidemiology (STAGE) program], Hamilton Health Sciences, and Scottish Rite Charitable Foundation. This work was funded in part by CIHR operating grants #79499 and #89777, NIH grants MH076028, HD003110 (Jay Tischfield), and MH086117 (Veronica J. Vieland). SWS holds the GlaxoSmithKline-CIHR Endowed Chair in Genomics Sciences. PS holds the Patsy and Jamie Anderson Chair in Child and Youth Mental Health.

This study makes use of data generated by the DECIPHER Consortium. A full list of centers who contributed to the generation of the data is available from http://decipher.sanger.ac.uk and via email from decipher@sanger.ac.uk. Funding for the project was provided by the Wellcome Trust.

NIMH Study 63 – Collection of data and biomaterials for the University of Illinois at Chicago's (UIC) Autism Center of Excellence (ACE) Interdisciplinary Studies of Insistence on Sameness in Autism Spectrum Disorders has been supported by National Institutes of Mental Health grant 1P50HD055751. The Principal Investigator is Edwin H. Cook, Jr., M.D. (UIC) with John A. Sweeney, Ph.D. (University of Texas Southwestern; UTSW) as Co-Principal Investigator. Co-Investigators include Jeffery R. Bishop, PharmD (UIC), Camille W. Brune, Ph.D. (UIC), Nancy Cox, Ph.D. (University of Chicago), Lea Davis, Ph.D. (UIC), Yogesh Dwivedi, Ph.D. (UIC), Robert Gibbons, Ph.D. (UIC), Kwan Hur, Ph.D. (UIC), Suma Jacob, M.D., Ph. D. (UIC), Emily Kistner-Griffin, Ph.D. (Medical University of South Carolina), Bennett L. Leventhal, M.D. (UIC), Matthew W. Mosconi, Ph.D. (UTSW), Fedra Najjar, M.D. (UIC), Thomas Owley, M.D. (UIC), Ghanshyam N. Pandey, Ph.D. (UIC), Michael Ragozzino, Ph.D. (UIC), Mark M. Rasenick, Ph.D. (UIC), and James S. Sutcliffe, Ph.D. (Vanderbilt University).

Research assistants and staff at the UIC ACE, under the supervision of Jennifer Gorski, Ph.D. and Jeff Salt, DClinPsy, collected diagnostic data. The data coordinator if Stephen J. Guter, Jr., MA. Phenotypic, genomic and imaging data have been submitted to the National Database for Autism Research (NDAR) as collection NDARCOL0000001. Biomaterials have been deposited in the Rutgers University Cell & DNA Repository (RUCDR). We would like to extend our gratitude to the individuals and families that volunteered to participate in these projects.

NIMH Study 65 – The AGP Simplex Collection (TASC) was funded by an award from Autism Speaks and by funding support to the repository development by the NIMH. The principal investigator and co-investigators on this study were Louise Gallagher, Trinity College Dublin; Astrid Vicente, Instituto Gulbenkian de Ciencia, Oeiras; Joseph

Buxbaum, Mount Sinai School of Medicine; Peter Szatmari, McMaster University; William McMahon, University of Utah; Michael Cuccaro, University of Miami; James Sutcliffe, Vanderbilt University; Christine Freitag, Klinikum der Johann-Wolfgang Goethe-Universität, Frankfurt/Main; Sabine Klauck, Deutsches Krebsforschungszentrum (DKFZ), Heidelberg; Veronica Vieland (DCC Director), Research Institute at Nationwide Children's Hospital, Ohio; Dan Geschwind, AGRE/UCLA, John Nurnberger, University of Indiana; Ed Cook, University of Illinois at Chicago; Raphael Bernier, University of Washington/CPEA.

NIMH Study 69 – The University of Pittsburgh-Carnegie Mellon University Autism Center of Excellence (ACE) grant entitled "Biological and Information Processing Mechanisms Underlying Autism" was funded by NIH grant P50 HD055748-05. Dr. Nancy Minshew was the Director of this ACE and Dr. Bernie Devlin was the genetics consultant. The grant was composed of three projects. The projects involved a longitudinal study of infants at high and low genetic risk of developing autism and cross-sectional studies of children, adolescents and adults with and without autism.

- Project I. "Development of Categorization & Facial Knowledge in Low & High Functioning Autism". The Principle Investigator was Mark Strauss, PhD; Co-Investigators were Jana Iverson, Ph.D. (University of Pittsburgh), Susan Campbell Ph.D. (University of Pittsburgh), Joyce Giovanelli, Ph.D. (Children's Advantage), Judith Balk, MD, MPH (Magee-Women's Hospital of Pittsburgh), Jennifer Ganger, Ph.D. (University of Pittsburgh), and Kevin Pelphrey, Ph.D. (Carnegie Mellon University and Yale University).

- Project II. "Disturbances of Affective Contact: Development of Brain Mechanisms for Emotion Processing". Kevin Pelphrey, Ph.D. (Carnegie Mellon University and Yale University) and Diane Williams, Ph.D. (Duquesne University) were Co-PIs. Co-Investigators included Ahmad Hariri, PhD (University of Pittsburgh), Nancy J. Minshew, MD (University of Pittsburgh), and Mark A. Strauss, PhD (University of Pittsburgh). Marcel A. Just, PhD (Carnegie Mellon University) served as a consultant.

- Project III. "Systems Connectivity & Brain Activation: Imaging Studies of Language & Perception". Marcel Just, Ph.D. (Carnegie Mellon University) was PI. Thomas M. Mitchell, PhD (Carnegie Mellon University) was a co-investigator and Antonio Y. Harden, MD (Stanford University) was a consultant.

Blood samples for DNA were collected from affected and unaffected participants and, when available, from their family members (parents and unaffected sibling). For all participants with autism, diagnostic assessments included the ADI-R and ADOS-G collected by staff trained to initial and ongoing reliability in administration and scoring. The collection of diagnostic and characterization data and the blood samples was completed by the Subject Assessment and Diagnosis Core of this ACE grant which was under the direction of Nancy Minshew, MD.

We extend our gratitude to the children, adults, and families who participated in the blood collection for the repository.

NIMH Study 79 – The collection of data and biomaterials comes from the *Phenotypic and Genetic Factors in Autism Spectrum Disorders Study*. Since 2008, this project has

been supported by the Autism Consortium and by NIMH grants (1R01MH085143-Principal Investigator Louis M. Kunkel, Ph.D. and 1R01MH083565-Principal Investigator Christopher Walsh, M.D., Ph.D.). The study was conducted through a collaborative network of five hospitals [Boston Children's Hospital (BCH), the Lurie Family Autism Center at Massachusetts General Hospital (MGH), The Floating Hospital for Children at Tufts Medical Center, Boston Medical Center (BMC), and UMass Medical Center]. The Principal Investigators are Christopher Walsh, M.D., Ph.D. and Louis M. Kunkel, Ph.D. at BCH and Susan Santangelo, Sc.D. at MGH. Co-Investigators at the participating sites include: Ingrid A. Holm, M.D., MPH, Leonard Rappaport, M.D., MS and Ellen Hanson, Ph.D. (BCH), Elizabeth Caronna, M.D. and Marilyn Augustyn, M.D. (BMC), Ann Neumeyer, M.D., and Patricia Davis, M.D. (MGH), Karen Miller, M.D. and Laurie Demmer, M.D. (Tufts), and Jean Frazier, M.D. (UMass).

NIMH Study 86 – The collection and biomaterials for this study at Vanderbilt University was supported by grants P01 NS026630 ("*Genetic Studies in Neurological Disorder*"; Project 3: "*Neurogenetics of Candidate Systems in Autism*", R01 NS036768 ("*Molecular and Genetic Epidemiology of Autism*"), and R01 MH080647. The Clinical and Phenotypic Coordinators for this project were Genea Crockett, M.S. and Renee Laux, M.S. This work was conducted in collaboration with Drs. Margaret A. Pericak-Vance, Ph.D., Michael Cuccaro, Ph.D., John R. Gilbert, Ph.D., and Eden R. Martin, Ph.D. at the University of Miami Miller School of Medicine, Hussman Institute for Human Genomics.

NIMH Study 112 – The collection of data and biomaterials for this study funded by Kenneth and Claudia Silverman Family Foundation was conducted at NYU Comprehensive Epilepsy Center, Saint Barnabas Institute of Neurology and Neurosurgery (INN) and Children's Hospital of Pennsylvania. The Principal Investigator was Dr. Orrin Devinsky [Director of both NYU Comprehensive Epilepsy Center and Saint Barnabas Institute of Neurology and Neurosurgery (INN)]. The Co-investigators were Dr. Ruben Kuzniecky, M.D. (NYU), Daniel Miles, M.D. (NYU), Judith Bluvstein, M.D. (NYU), William MacAllister, Ph.D. (NYU) in collaboration with Robert Schultz, Ph.D. (University of Texas at Austin).

Most importantly, we thank the families who have participated in and contributed to these studies.

DATED SIGNATURES

Principal Investigator, **PLEASE PRINT**

Signature and **Date**, Principal Investigator

Signature and **Date**, Receiving Institution's Authorized Representative

Signature and **Date**, NIMH Repository & Genomics Resource's Authorized Representative, Rutgers University

Signature and **Date**, NIMH's Authorized Representative