

## APPENDIX B: ACRONYMS AND ABBREVIATIONS

### Organizational Components

ADA	American Diabetes Association
AHRQ	Agency for Healthcare Research and Quality
CSR	Center for Scientific Review
CDC	Centers for Disease Control and Prevention
CMS	Centers for Medicare and Medicaid Services
DMICC	Diabetes Mellitus Interagency Coordinating Committee
DOD	Department of Defense
FDA	Food and Drug Administration
FIC	Fogarty International Center
HHS	U.S. Department of Health and Human Services
HRSA	Health Resources and Services Administration
IHS	Indian Health Service
JDRF	Juvenile Diabetes Research Foundation International
NCI	National Cancer Institute
NCCAM	National Center for Complementary and Alternative Medicine
NCRR	National Center for Research Resources
NEI	National Eye Institute
NHGRI	National Human Genome Research Institute
NHLBI	National Heart, Lung, and Blood Institute
NIA	National Institute on Aging
NIAAA	National Institute on Alcohol Abuse and Alcoholism
NIAID	National Institute of Allergy and Infectious Diseases
NIBIB	National Institute of Biomedical Imaging and Bioengineering
NICHD	<i>Eunice Kennedy Shriver</i> National Institute of Child Health and Human Development
NIDCD	National Institute on Deafness and Other Communication Disorders
NIDCR	National Institute of Dental and Craniofacial Research
NIDDK	National Institute of Diabetes and Digestive and Kidney Diseases
NIDA	National Institute on Drug Abuse
NIEHS	National Institute of Environmental Health Sciences
NIGMS	National Institute of General Medical Sciences
NIH	National Institutes of Health
NIMH	National Institute of Mental Health
NIMHD	National Institute on Minority Health and Health Disparities

NINDS	National Institute of Neurological Disorders and Stroke
NINR	National Institute of Nursing Research
NLM	National Library of Medicine
OBSSR	NIH Office of Behavioral and Social Sciences Research
ORWH	NIH Office of Research on Women's Health
USDA	U.S. Department of Agriculture
VHA	Veterans Health Administration

## Research Programs

ACCORD	Action to Control Cardiovascular Risk in Diabetes
AMDCC	Animal Models of Diabetic Complications Consortium
BARI 2D	Bypass Angioplasty Revascularization Investigation 2 Diabetes
BCBC	Beta Cell Biology Consortium
CITC	Clinical Islet Transplantation Consortium
DCCT	Diabetes Control and Complications Trial
DirecNet	Diabetes Research in Children Network
DPP	Diabetes Prevention Program
DPPOS	Diabetes Prevention Program Outcomes Study
DPT-1	Diabetes Prevention Trial-Type 1
DRCR.net	Diabetic Retinopathy Clinical Research Network
EDIC	Epidemiology of Diabetes Interventions and Complications
FIND	Family Investigation of Nephropathy and Diabetes
GoKinD	Genetics of Kidneys in Diabetes Study
ITN	Immune Tolerance Network
IIDP	Integrated Islet Distribution Program
Look AHEAD	Action for Health in Diabetes
MMPC	Mouse Metabolic Phenotyping Centers
NHPCSG	Non-Human Primate Transplantation Tolerance Cooperative Study Group
SEARCH	SEARCH for Diabetes in Youth Study
T1DGC	Type 1 Diabetes Genetics Consortium
T1D-RAID	Type 1 Diabetes—Rapid Access to Intervention Development
TEDDY	The Environmental Determinants of Diabetes in the Young
TODAY	Treatment Options for type 2 Diabetes in Adolescents and Youth
TRIAD	Translating Research Into Action for Diabetes
TrialNet	Type 1 Diabetes TrialNet
TRIGR	Trial to Reduce IDDM in the Genetically at Risk

## Other Acronyms and Abbreviations

ACE	angiotensin-converting enzyme
AGE	advanced glycation end products
AMPK	adenosine monophosphate-dependent protein kinase
ARB	angiotensin receptor blocker
ARE	antioxidant response element
AS160	Akt substrate of 160 kDa
ATP	adenosine-5'-triphosphate
BAT	brown adipose tissue
BMI	body mass index
CGMs	continuous glucose monitors
<sup>11</sup> C-DTBZ	<sup>11</sup> C-dihydrotetrabenazine
CNS	central nervous system
CVD	cardiovascular disease
DMK	dystrophia myotonica kinase
DPP-4	dipeptidyl peptidase 4
EMR	electronic medical record
ER	endoplasmic reticulum
ES	embryonic stem cell
fMRI	functional magnetic resonance imaging
GAD	glutamic acid decarboxylase
GIP	gastric inhibitory polypeptide
GLP	glucagon-like peptide
GSK3	glycogen synthase kinase-3
GWA	genome-wide association
HbA1c	hemoglobin A1c
HGF	human growth factor
HLA	human leukocyte antigen
HMGB1	high mobility group box 1
HTS	high-throughput screening
IDDM	insulin-dependent diabetes mellitus
IGRP	islet specific glucose-6-phosphatase catalytic subunit related protein
IKK	IkappaB kinase
IPEX	immunodysregulation polyendocrinopathy enteropathy X-linked syndrome
iPS	induced pluripotent stem
JNK	c-Jun N-terminal kinase
LDL	low-density lipoprotein

MAP	mitogen-activated protein
MHC	major histocompatibility complex
MODY	maturity onset diabetes of the young
MRI	magnetic resonance imaging
MRS	magnetic resonance spectroscopy
mTOR	mammalian target of rapamycin
NAD	nicotinamide adenine dinucleotide
NDM	neonatal diabetes mellitus
NIDDM	non-insulin-dependent diabetes mellitus
NKT	natural killer T cells
NMR	nuclear magnetic resonance
NOD	non-obese diabetic
PKC	protein kinase C
PET	positron emission tomography
PI 3	phosphatidylinositol 3
PTPN22	protein tyrosine phosphatase N22 gene
RAGE	receptor for advanced glycation end products
RAS	renin angiotensin system
RCT	randomized controlled trial
ROS	reactive oxygen species
SES	socioeconomic status
SILAC	stable isotope labeling with amino acids in cell culture
SNARE	soluble N-ethylmaleimide-sensitive factor attachment protein (SNAP) receptor
SNP	single nucleotide polymorphism
SPECT	single photon emission computed tomography
SREBP	sterol regulatory element binding protein
TGF	transforming growth factor
UPR	unfolded protein response
VEGF-A	vascular endothelial growth factor A
VNTR	variable number of tandem repeats region