

## **APPENDIX A: STRATEGIC PLAN PARTICIPANTS**

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## **APPENDIX B: ACRONYMS AND ABBREVIATIONS**

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### Organizational Components

ADA	American Diabetes Association	FIND	Family Investigation of Nephropathy and Diabetes
CDC	Centers for Disease Control and Prevention	GoKinD	Genetics of Kidneys in Diabetes Study
CMS	Centers for Medicare & Medicaid Services	ICRs	Islet Cell Resource Centers
HHS	Department of Health and Human Services	ITN	Immune Tolerance Network
DMICC	Diabetes Mellitus Interagency Coordinating Committee	MMPC	Mouse Metabolic Phenotyping Centers
FDA	Food and Drug Administration	NHPCSG	Non-Human Primate Transplantation Tolerance Cooperative Study Group
JDRF	Juvenile Diabetes Research Foundation International	SEARCH	Search for Diabetes in Youth Study
NCRR	National Center for Research Resources	T1DGC	Type 1 Diabetes Genetics Consortium
NEI	National Eye Institute	T1D-RAID	Type 1 Diabetes-Rapid Access to Intervention Development
NHGRI	National Human Genome Research Institute	TEDDY	The Environmental Determinants of Diabetes in the Young
NHLBI	National Heart, Lung, and Blood Institute	TrialNet	Type 1 Diabetes TrialNet
NIAID	National Institute of Allergy and Infectious Diseases	TRIGR	Trial To Reduce IDDM in the Genetically at Risk
NIBIB	National Institute of Biomedical Imaging and Bioengineering		
NICHHD	National Institute of Child Health and Human Development		
NIDA	National Institute on Drug Abuse		
NIDCR	National Institute of Dental and Craniofacial Research		
NIDDK	National Institute of Diabetes and Digestive and Kidney Diseases		
NIEHS	National Institute of Environmental Health Sciences		
NIH	National Institutes of Health		
NINDS	National Institute of Neurological Disorders and Stroke		
NINR	National Institute of Nursing Research		
NLM	National Library of Medicine		

### Research Programs

AMDCC	Animal Models of Diabetic Complications Consortium	ARB	angiotensin receptor blocker
BCBC	Beta Cell Biology Consortium	ACE	angiotensin converting enzyme
CIT	Clinical Islet Transplantation Consortium	AGE	advanced glycation endproducts
CITR	Collaborative Islet Transplant Registry	ARE	antioxidant response element
DCCT	Diabetes Control and Complications Trial	AMP	adenosine monophosphate
DirecNet	Diabetes Research in Children Network	ATP	adenosine triphosphate
DPT-1	Diabetes Prevention Trial-Type 1	BB	biobreeding
DRCR.net	Diabetic Retinopathy Clinical Research Network	BGAT	blood glucose awareness training
EDIC	Epidemiology of Diabetes Interventions and Complications	BMI	body mass index
		BOLD-fMRI	blood oxygen level-dependent functional magnetic resonance imaging
		CGMs	continuous glucose monitors
		ChIP	chromatin immunoprecipitation
		DMK	dystrophia myotonica kinase
		ES cell	embryonic stem cell
		ESRD	end-stage renal disease
		FACS	fluorescence activated cell sorting
		fMRI	functional magnetic resonance imaging
		GAD	glutamic acid decarboxylase
		HAAF	hypoglycemia-associated autonomic failure
		HbA1c	hemoglobin A1c
		HLA	human leukocyte antigen
		HMGB1	high mobility group box 1
		HTS	high-throughput screening
		IA-2	anti-tyrosine phosphatase
		ICA	islet cell autoantibodies

### Other Acronyms and Abbreviations

IDDM	insulin-dependent diabetes mellitus	NKT	natural killer T cells
IGRP	islet-specific glucose-6-phosphatase catalytic subunit related protein	NOD	non-obese diabetic
INS	insulin gene	PET	positron emission tomography
LDL	low-density lipoprotein	PPAR-alpha	peroxisome proliferator-activated receptor-alpha
Mbp	mega base pairs	PTPN22	protein tyrosine phosphatase N22 gene
MHC	major histocompatibility complex	RAGE	receptor for advanced glycation endproducts
mRNA	messenger RNA	RNAi	RNA interference
miRNA	micro RNA	ROS	reactive oxygen species
MLI	NIH Roadmap Molecular Libraries Initiative	SACO	serial analysis of chromatin occupancy
MODY	Maturity Onset Diabetes of the Young	siRNA	small interfering RNA
MRI	magnetic resonance imaging	SNP	single nucleotide polymorphism
MRS	magnetic resonance spectroscopy	TNF	tumor necrosis factor
ngn 3	neurogenin 3	VEGF	vascular endothelial growth factor
NIP	Nutritional Intervention to Prevent Type 1 Diabetes	VNTR	variable number of tandem repeats



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