

## CURRICULUM VITAE

### **RODICA BUSUI (POP-BUSUI) M.D., Ph.D.**

Larry D. Soderquist Professor  
Professor, Department of Internal Medicine  
Division of Metabolism, Endocrinology and Diabetes  
Vice Chair for Clinical Research  
Department of Internal Medicine  
Co-Director, Neuropathy Center,  
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## **EDUCATION AND TRAINING**

- 09/76-06/81 College of Mathematics-Physics, Resita, Romania  
B.S. in Mathematics-Physics. Graduated Summa cum laude
- 09/81-09/87 University of Timisoara School of Medicine, Timisoara, Romania  
M.D. Graduated Summa cum laude
- 9/95-11/01 University of Timisoara School of Medicine, Timisoara, Romania  
Ph.D. in Molecular Biology. Graduated Summa cum laude, Dissertation title:”  
“Oxidative Stress and Diabetic Neuropathy”, advisor Professor Gheorghe S.  
Bacanu M.D., Ph.D.
- 11/16 Leadership Academy, University of Michigan Medical School
- 07/2017 Strategies and Tactics for Recruiting to Improve Diversity and Excellence  
(STRIDE) Training Session, University of Michigan
- 10/2017 Unconscious Bias Training in Everyday Life, Diversity, University of Michigan
- 10/17-2/19 Rudi Ansbacher Leadership Academy for Women in Academic Medicine
- 08/2019 High Reliability Leadership Training, University of Michigan.

## ***POST DOCTORAL TRAINING***

- 11/87-9/90 Internship in General Medicine, University Hospital, Timisoara, Romania
- 9/90-12/93 Resident in Internal Medicine, Department of Internal Medicine at University  
Hospital, Timisoara, Romania
- 04/94-07/94 Visiting research fellow, Internal Medicine, Royal Hallamshire Hospital,  
Sheffield, UK
- 09/95-08/98 Research fellow, Department of Internal Medicine, Division of Endocrinology  
and Metabolism, University of Michigan Medical Center, Ann Arbor, MI
- 9/98-08/01 Clinical fellow, Department of Internal Medicine, Division of Endocrinology and  
Metabolism, University of Michigan Medical Center, Ann Arbor, MI

## **CERTIFICATIONS/LICENSURES**

- 10/1987 General Medicine, Board Certified in Romania
- 02/1994 Internal Medicine, Board Certified in Romania

- 03/1998 ECFMG Educational Commission for Foreign Medical Graduates (certified)
- 03/2001 American Association for Clinical Endocrinology, Accreditation in Thyroid Ultrasound
- 07/2001 USMLE, Final licensure examination  
Michigan Medical License since 1998, Expires 01/31/2020  
Ohio Medical License since 2001, Expires 07/01/2014
- 08/2012 American Board of Internal Medicine, Board Certified
- 10/2013 American Board of Endocrinology, Metabolism and Diabetes, Board Certified
- 04/2014 Diabetes Technology Society, Certified Diabetes Technology Clinician

**ACADEMIC, ADMINISTRATIVE, AND CLINICAL APPOINTMENTS**

- 09/90-11/97 Assistant Professor of Internal Medicine, University of Timisoara, School of Medicine, Department of Internal Medicine, Division of Diabetes, Nutrition and Metabolic Disorders, Timisoara, Romania
- 10/01-06/05 Assistant Professor of Medicine and Physiology, Instructional Track, Division of Endocrinology and Metabolism, University of Toledo Medical Center (former Medical College of Ohio), Toledo, OH
- 03/04-06/05 Faculty member of the Graduate School at the University of Toledo Medical Center, Toledo, OH
- 07/03-06/05 Director Diabetes Education Program at the University of Toledo Medical Center, Toledo, OH
- 07/05-08/11 Assistant Professor of Internal Medicine, Instructional Track, Department of Internal Medicine, Division of Metabolism, Endocrinology and Diabetes (MEND), University of Michigan Medical School, Ann Arbor, MI
- 09/11-08/15 Associate Professor with tenure of Internal Medicine, Instructional Track, Department of Internal Medicine, Division of Metabolism, Endocrinology and Diabetes (MEND), University of Michigan Medical School, Ann Arbor, MI
- 11/05- Co-Director, Neuropathy Center, University of Michigan Medical Center, Ann Arbor, MI
- 09/15- Professor of Internal Medicine with tenure, Instructional Track, Department of Internal Medicine, Division of Metabolism, Endocrinology and Diabetes (MEND), University of Michigan Medical School, Ann Arbor, MI

- 09/16- Associate Chair for Clinical Research, Department of Internal Medicine, University of Michigan Medical School, Ann Arbor, MI
- 01/19- Director Clinical Research, Mentoring and Development Elizabeth Weiser Caswell Diabetes Institute, University of Michigan
- 07/19- Vice Chair for Clinical Research, Department of Internal Medicine, University of Michigan Medical School, Ann Arbor, MI

### ***CLINICAL/HOSPITAL APPOINTMENTS***

- 11/87-06/90 Internship in General Medicine, University Hospital No 1, Timisoara, Romania
- 09/90-12/93 Resident Physician, Internal Medicine, University Hospital No 1, Timisoara, Romania
- 12/93-11/97 Attending physician Department of Internal Medicine, University Hospital No 1, Timisoara, Romania
- 10/01-6/05 Attending physician, Department of Medicine, University of Toledo Medical Center, Toledo, OH
- 07/05- Attending physician, Department of Internal Medicine, University of Michigan Medical School, Ann Arbor, MI
- 07/05- Attending physician, Hyperglycemia Intensive Insulin Program, University of Michigan, Ann Arbor, MI

### **RESEARCH INTERESTS**

Dr. Pop-Busui's research interests extend from the elucidation of the mechanisms underlying the development of diabetes and prediabetes' complications, including diabetic cardiovascular autonomic and peripheral neuropathy, diabetic chronic kidney disease, retinopathy, and cardiovascular complications, the use and access to diabetes technologies, to the design and implementation of well-designed clinical trials that translate observations from the bench and epidemiological studies to test novel therapies for preventing and curing diabetes and the chronic diabetes complications in patients with type 1 and type 2 diabetes, resulting in pragmatic patient oriented clinical care and better life for all patients with diabetes.

### **GRANT SUPPORT**

#### ***CURRENT***

**NIH/NIDDK-1-R01-DK-107956-01: Targeting Inflammation with Salsalate as a Novel Therapy for Diabetic Neuropathy**

Pop-Busui (PI), Feldman (PI)

3/1/16-2/28/21

Total Direct Costs: \$ 2,811,437.00

The aims of this phase 2/3 clinical trial is to test whether targeting inflammation with salsalate may be a new viable therapy for diabetic neuropathy.

**NIH U01 DK119083: Diabetic Foot Ulcer Clinical Research Unit**

Pop-Busui (PI), Gallagher (PI), Najarian (PI), Holmes (PI)

9/15/18-6/30/22

The primary objective of development and implementation of the new diabetic foot clinical research unit at the University of Michigan is to establish a robust infrastructure with a highly skilled clinical research team that will be a strong contender and contributor within the network to participate in the identification, analysis and validation of best biomarkers and predictors of outcomes for DFUs.

**NIH/NIDDK1U01 DK0945157-01: The Epidemiology of Diabetes Interventions and Complications**

Subcontract Case Western Reserve

7/1/17-6/30/22

Herman (PI), Pop-Busui (Co-I)

Total Award: \$1,018,819

The aims of this study is to evaluate the development and progression of microvascular complications in patients with type 1 diabetes as part of a multi-center longitudinal observational study of the Diabetes Control and Complications Trial (DCCT) cohort who are participating in the Epidemiology of Diabetes Interventions and Complications (EDIC) study.

**NIH/NIDDK (CDC Contract #200-2010-35171): Surveillance, Natural History, Quality of Care and Outcomes of Diabetes Mellitus with Onset in Childhood and Adolescence (SEARCH).**

Feldman (PI), Pop-Busui (Co-I)

9/30/15-9/29/20

Annual Direct Costs: \$6,452

The major goals of this project are to monitor the onset of diabetic autonomic and peripheral neuropathy in children

**NIH/NIDDK U01-DK-098246: The Glycemia Reduction Approaches for Diabetes: A Comparative Effectiveness Study -Renewal**

Subcontract George Washington University

8/1/17-7/31/22

Herman (PI), Pop-Busui (PI)

Direct Costs: \$471,153 /year

The goal of this study is to compare the metabolic effects of four common anti-hyperglycemic drugs when combined with metformin and assess the time to treatment failure defined as HbA1c  $\geq 7\%$ , subsequently confirmed, after having been treated with metformin and a second randomly assigned antihyperglycemic medication, in a randomized clinical trial in patients with recent-onset type 2 diabetes.

**Juvenile Diabetes Research Foundation**

**JDRF and M-Diabetes Center of Excellence at the University of Michigan**

(Pop-Busui PI, Gardner PI, Kretzler PI, Soleimanpour PI)

09/19-08/24

Direct Cost: \$1,698,732

The goal of this project is to yield safer day-to-day diabetes management and improved quality of life in all patients with type 1 diabetes.

**University of Michigan Clinical Scholar Award:**

7/2005 – current

Total Direct Costs: \$200,000

**Quintiles/KOWA Research Institute, Inc (K-877-302): Pemafibrate to reduce cardiovascular outcomes by reducing triglycerides in patients with diabetes**

Pop-Busui (site PI)

06/14/2017-5/31/22

Total Direct Costs: \$329,959

The primary scientific aim of the PROMINENT study is to assess whether treatment with the selective peroxisome proliferator activated receptor modulator alpha (SPPARM- $\alpha$ ), pemafibrate, will prevent myocardial infarction (MI), ischemic stroke, unstable angina requiring unplanned revascularization, and cardiovascular (CV) death in adults with type 2 diabetes (T2D) who have elevated triglycerides (TG) and low high-density lipoprotein cholesterol (HDL-C) levels and are at high risk for future CV events.

**T1D Exchange Study: Wireless Innovation for Seniors with Diabetes Mellitus (WISDM)**

JAEB Center/JDRF

07/01/2017 – 6/30/20

Pop-Busui (site PI)

Direct Costs: \$127,690

The primary objective of the study is to determine if CGM can reduce hypoglycemia and improve quality of life in older adults with Type 1 Diabetes.

**Medtronic MiniMed, Inc.: CEP 304 Multi-center Randomized Controlled Trial in Adult and Pediatric Patients with Type 1 Diabetes Using Hybrid Closed Loop System at Home**

Pop-Busui (site PI)

08/01/17-07/31/20

Total Direct Costs: \$306,568

The purpose of this study is to demonstrate the safety and effectiveness of the Hybrid Closed Loop System (HCL) in adult and pediatric patients with type 1 diabetes in the home setting.

**Joslin Diabetes Center: Preventing Early Renal Loss in Diabetes Follow-Up Study (PERLage)**

JDRF

6/1/18 – 10/31/20

Pop-Busui (site PI)

PERLAGE is an observational follow-up of the PERL trial cohort, a cohort of subjects with type 1 diabetes who participated in a 3-year clinical trial investigating whether the uric acid lowering drug allopurinol can preserve kidney function among type 1 diabetic patients.

**EX9536-4388 SELECT: Evaluation of cardiovascular outcomes with semaglutide in patients with prior MI/Stroke/Symptomatic PAD and overweight or obesity**

Novo Nordisk Foundation

01/19 - 04/24

Pop-Busui (site PI)

Total Direct Costs: \$ 410,00

The objective of SELECT is to investigate the long-term effects of semaglutide in patients with overweight or obesity

**Sanofi: A Randomized, Double-blind, Placebo-controlled, Parallel-group, Multicenter Study to Evaluate the Effects of SOTagLiflozin on Clinical Outcomes in Hemodynamically Stable Patients with Type 2 Diabetes POST Worsening Heart Failure**

Pop-Busui (PI)

03/19 – 8/24

Direct Costs: \$321,111

The objective of SOLOIST is to investigate the role of the dual SGLT1/SGLT2 inhibitor sotagliflozin in patients with type 2 diabetes and congestive heart failure .

**2018 The University of Michigan Health System - Peking University Health Science Center Joint Institute for Translational and Clinical Research Discovery Award: Understanding the Heterogeneity in the Risk for Diabetes Complications in China and US**

04/19-03/21

Pop-Busui (UMichigan PI), Zhang (PUHSC PI)

Total Direct Costs\$ 100,000

The primary objective of this award is to understand differences in the risk for chronic diabetes complications between US and Chinese patients with type 1 and type 2 diabetes

**P30 DK081943: P&F Grant from the MI O'Brien Kidney Translational Core**

Pop-Busui (PI)

The objective is to understand metabolomic signatures in patients with type 1 diabetes and long duration

**Medtronic MiniMed, Inc.: CIP321: Safety and Effectiveness Evaluation of the Advanced Hybrid Closed Loop (AHCL) system in Adult and Adolescent subjects with Type 1 Diabetes**

Pop-Busui (PI)

07/19 – 5/21

Direct Costs: \$258,192

The objective of CIP321 is to investigate the advanced hybrid closed loop system in adult and adolescent patients with type 1 diabetes

**Novo Nordisk, Inc. : Long-term effects of semaglutide on diabetic retinopathy in subjects with type 2 diabetes (FOCUS), trial phase 3b**

Pop-Busui (Site PI)

08/19 – 09/25

Direct Costs: \$162,733

The objective of FOCUS is to investigate the safety of semaglutide on retinal complications in patients with type 2 diabetes

***COMPLETED***

**Medtronic Inc: CEP266 Post Approval Study of the TS (Threshold Suspend) Feature with a Sensor-Augmented Pump System**

Pop-Busui (PI University of Michigan)

2/16/2016- 4/30/20

Total Direct Costs: \$34,092

The major goals of this project are to evaluate efficacy and safety of the 530G System with



Enlite in patients with type 1 diabetes.

**Jaeb Center for Health Research Foundation: Pilot Study to Identify Metabolomics Signatures Predictive of Diabetes Complications in Type 1 Diabetes**

Helmsley Charitable Trust

12/1/17 – 12/30/19

Pop-Busui (site PI)

The main goal of this project is to identify key signatures that predict resistance or susceptibility to complications.

**Astra Zeneca Investigator Initiated Trial Dapagliflozin and measures of cardiovascular autonomic function in patients with type 2 diabetes (T2D)**

Pop-Busui (PI)

11/1/16-10/31/19

Total Direct Costs: \$538,000

The main objective is to evaluate the effects of dapagliflozin on measures of cardiovascular autonomic function as assessed by changes in heart rate variability (HRV), changes in cardiovascular autonomic reflex tests and resting heart rate to assess as measures of sympathetic/parasympathetic balance.

**Joslin Diabetes Center: PERL Continuous Glucose Monitoring Study**

Charitable Helmsley

7/1/17 – 9/30/19

Pop-Busui (site PI)

The goal of this project is to establish the impact of both glucose variability and glucose exposure on the progression of the kidney disease in PERL participants.

**NIDDK/NHLBI 1UG3AT009150-01: Trial to Assess Chelation Therapy 2 (TACT2)**

Subcontract Mount Sinai Medical Center

5/3/18 – 9/30/19

Pop-Busui (site PI)

The primary objective of TACT2 is to determine if the chelation-based strategy increase the time to the first occurrence of any of the components of the TACT2 primary endpoint: all-cause mortality, myocardial infarction, stroke, coronary revascularization, or hospitalization for unstable angina compared to the placebo chelation strategy.

**American Diabetes Association 1-16-PDF-051: Effect of allopurinol on measures of cardiovascular autonomic neuropathy in subjects with type 1 diabetes.**

Mentor-Based Postdoctoral Fellowship

1/1/16-06/30/19

Pop-Busui (PI)

Total Award: \$57,244

This an ancillary study to the PERL clinical trial evaluating effects of allopurinol on measures of cardiovascular autonomic neuropathy in patients with mild CKD.

**Novo Nordisk: Devote (EX1250-4080)**

Pop-Busui (site PI, National Leadership Team Member)

7/13/14-6/30/19

Total Direct Costs: \$490,560

A multicenter, randomized, double blind, placebo-controlled cardiovascular outcomes trial comparing cardiovascular safety of insulin degludec versus insulin glargine in subjects with type 2 diabetes at high risk of cardiovascular events

**NIH/NIMH- 2-R01-MH-082784-06A1: Antipsychotic and Folate Pharmacogenomics**

Ellingrod (PI), Pop-Busui (Co-I)

7/22/13-6/30/19

Total Direct Costs: \$1,250,000

The goal of this study is to examine folate pharmacogenomics in relation to metabolic syndrome, insulin resistance, and endothelial dysfunction from atypical antipsychotic use in schizophrenia and to determine the utility of folate supplementation in attenuation of these complications.

**NIH/NIDDK 1 UC4 DK101108 PERL: A Multicenter Clinical Trial of Allopurinol to Prevent GFR Loss in T1D**

Pop-Busui (PI, member Steering Committee)

9/30/13-6/30/19

Total Award \$ 2,074,554

The major goal of this project is to examine the effectiveness of allopurinol to prevent GFR loss in patients with type 1 diabetes.

**NIH/NHLBI-1R01HL113029-01A1 (Subcontract from University of Colorado)**

**Complications and Comorbidities of Type 1 Diabetes (CACTI)**

Snell-Bergeon (PI), Pop-Busui (Co-I)

6/1/13-5/31/18

Total Direct Costs: \$205,000

The goal of this study is to study the development and progression of subclinical coronary atherosclerosis in type 1 diabetes and identify noninvasive measurements to identify those patients at high risk.

**NIH DK-13-027 Multinational Collaborative Evaluation of Corneal Confocal Microscopy as a Surrogate Endpoint for the Identification and Prediction of Diabetic Neuropathy in Type 1 Diabetes**

Perkins (PI, University of Toronto), Pop-Busui (Co-I)

1/2015-12/2017

Annual Direct \$ 41,332

The major goals of this project are to determine if corneal confocal microscopy is a sensitive endpoint for diabetic neuropathy

**Juvenile Diabetes Research Foundation; Bydureon for type 1 diabetes 17-2013-504**

Subcontract Yale

Pop-Busui (site PI)

7/1/14-6/30/18

Total Direct Costs \$ 177,013

A Phase II Trial to Examine the Effect of Subcutaneous Exenatide (Bydureon) on Glucose Control in Patients with Type I Diabetes.

**NIH/NIDDK 1DP3DK094292 Tissue-Specific Metabolic Reprogramming in Diabetic Complications**

Brosius (PI), Pop-Busui (PI clinical trial)

9/30/11-7/31/17

Total Award \$ 3,546,488

The major goal of this project is to apply sensitive and specific mass spectrometer based metabolomic analysis in models of diabetes to define changes in metabolite levels and flux in three complications-prone tissues, retina, kidney and peripheral nerves and to extend these studies to humans with T1DM to understand intrinsic differences from non-diabetics in metabolite levels and flux in the kidney.

**Helmsley Trust Foundation/ T1D Exchange: Adjunctive versus Replacement Continuous Glucose Monitoring (CGM) REPLACE RCT**

Pop-Busui (site PI, CC Jaeb Center)

3/2015-12/2016

Annual Direct \$ 155,639

The major goals of this project are to evaluate whether the routine use of CGM without blood glucose meter (BGM) confirmation is as safe and effective as CGM used as an adjunct to BGM.

**Juvenile Diabetes Research Foundation: Residual C Peptide in Type 1 Diabetes N019726 354256**

Pop-Busui (PI Clinical Trial University of Michigan)

09/2014-06/2016

Total costs \$ 32,900

The major goals of this project are to evaluate beta-cell function and other immune markers in patients with long-standing type 1 diabetes.

**NIH/NHLBI-1R01HL102334-01: Cardiac Autonomic Neuropathy and Myocardial Dysfunction in Type 1 Diabetes.**

Pop-Busui (PI)

5/1/10-4/30/16

Total Direct Costs: \$1,537,479

The major goals of this study are to evaluate the natural history of myocardial dysfunction in patients with type 1 diabetes and the mediations effects by cardiac autonomic neuropathy and glycose variability.

**American Diabetes Association 1-14-MN-02: Impact of glycemic variability on cardiovascular autonomic neuropathy and cardiomyopathy in type 1 diabetes.**

Mentor-Based Postdoctoral Fellowship

2/1/14-1/31/16

Pop-Busui (PI)

Total Direct Costs \$127,747

This a mentor-based postdoctoral fellowship aiming to provide a strong clinical translational research experience for a postdoctoral fellow, under the mentorship of Dr Pop-Busui and develop quantitative analyses of continuous glucose monitoring (CGM) data and test whether persistent, wide blood glucose fluctuations, defined with newly-developed, sensitive metrics of GV predict the development of chronic T1DM complications focusing on cardiovascular complications.

**Astra Zeneca /AMYLIN PHARMACEUTICAL: Investigator initiated research “Exenatide and Diabetic Neuropathy”.**

Pop-Busui (PI)

6/08-12/15

Total Direct Costs: \$544,646

The major goals of this pilot trial are to evaluate the effects of the GLP-1 receptor agonist exenatide on measures of peripheral and autonomic neuropathy in patients with type 2 diabetes.

**NIH/NIDDK1 R34 DK097808-01: A multicenter clinical trial of allopurinol to prevent GFR loss in T1D (PERL)**

Subcontract Joslin Diabetes Center

12/1/12-12/31/13

Doria (Joslin Diabetes Ctr PI), Pop-Busui (site PI)

Total Award: \$49,645.00

The major goal of this project is to design a multicenter clinical trial to tests the efficacy of allopurinol as compared to placebo, in preventing diabetic nephropathy among subjects with Type 1 Diabetes

**Hoffmann-La Roche: ALECARDIO BC22140** - A multicenter, randomized, double blind, placebo-controlled cardiovascular outcomes study to evaluate the potential of aleglitazar to reduce cardiovascular risk in patients with a recent acute coronary syndrome (ACS) event and type 2 diabetes mellitus.

Pop-Busui (Site PI)

1/1/11-1/10/13

Total Direct Costs: \$250,000

**NIH/NIMH-1R01MH082784-01: Folate Pharmacogenomics and Risk of Atypical Antipsychotic Metabolic Side Effects.**

Ellingrod (PI), Pop-Busui (Co-PI),

4/1/08-7/31/13

Total Direct Costs: \$1,250,000

**NIH/NIDDK 1R03 DK094499-01: Targeting Inflammation using Salsalate in Type 1 Diabetic Neuropathy (TINSAL-T1DN)**

Pop-Busui (PI),

9/15/11-8/31/12

Total Direct Costs: \$50,000

The major goal of this project is to design a multicenter clinical trial to tests the efficacy of salsalate as compared to placebo, in preventing diabetic neuropathy among subjects with T1D.

**NIH/NIDDK 1R03 DK094484-01 PERL consortium**

Pop-Busui (Co-I), Dorria (PI), Joslin Diabetes Center

10/1/11-11/30/12

The major goal of this project is to design a multicenter clinical trial to tests the efficacy of allopurinol as compared to placebo, in preventing diabetic nephropathy among subjects with Type 1 Diabetes.

**NIH/NIDDK/N01-DK-6-2203: Epidemiology of Diabetes Intervention and Complications.**

Herman (PI), Pop-Busui (Co-I)

3/1/00-6/30/11

Total Direct Costs: \$1,098,810

**NIH/NIDDK: TINSAL-T2D (Targeting Inflammation using SALsalsalate for Type 2 Diabetes Stage 2) a multicenter trial.**

Pop-Busui (Site PI)

5/1/09-7/31/11

Total Direct Costs: \$89,760

A multicenter randomized clinical trial to evaluate effects of salsalate in reducing insulin resistance and improve glucose control in patients with type 2 diabetes.

**JUVENILE DIABETES RESEARCH FOUNDATION: Diffusion Tensor Imaging (DTI) of Sural Nerves in Diabetic Peripheral Neuropathy.**

Pop-Busui (PI)

9/1/08-8/31/12

Total Direct Costs: \$675,000

The major goals of this clinical study are to develop a novel non-invasive imaging technique to detect myelinated fibers loss as a diagnostic tool for diabetic peripheral neuropathy.

**Eli Lilly and Company: H9X-MC-GBCF-A Phase 2/3**

Pop-Busui (Site PI),

8/08-8/12

Total Direct Costs: \$128,551

Placebo-Controlled, Efficacy and Safety Study of Once Weekly Subcutaneous LY2189265 compared to Sitagliptin in Patients with Type 2 Diabetes Mellitus

**AMERICAN DIABETES ASSOCIATION-1-08-CR-48: Molecular Mechanisms of Cardiac Autonomic Neuropathy in Metabolic Syndrome.**

Pop-Busui (PI),

1/1/08-6/30/11

Total Direct Costs: \$600,000

The major goals of this clinical trial is to evaluate the effects of a structured lifestyle intervention on measures of oxidative stress and cardiovascular autonomic neuropathy in patients with the metabolic syndrome.

**Pilot and Feasibility Grant from the Michigan Diabetes Research and Training Center NIH Grant 5P60-DK020572.**

Pop-Busui (PI)

12/08-12/10

Total Direct Costs: \$50,000

The major goals of this study are to evaluate risk factors for stress-induced hyperglycemia in patients undergoing cardiovascular surgery.

**NIH/NHLBI - NO1HC95181: Action to Control Cardiovascular Risk in Diabetes (ACCORD).**

Pop- Busui (Site PI for University of Toledo until 09/30/05, Co-I), 30 % effort

7/1/05-6/30/10, 12/01-06/10

Total Direct Costs for site:

\$3,650,356

A large multicenter trial to test the effects of intensive control of hyperglycemia targeting normal levels in addition to either intensive blood pressure management or lipid management in patients with type 2 diabetes at high risk for CVD events.

**NIH/NHLBI/NIDDK-Case Western Reserve: ACCORD-EYE sub-Study.**

Pop-Busui (Site PI for University of Toledo until 09/30/05, Co-I as of 07/01/05-6/30/10)

Total Direct Costs: \$125/visit/patient

**NIH/NHLBI Case Western Reserve: ACCORD-MIND–Study.**

Pop-Busui (Site PI for University of Toledo until 06/30/05, Co-I as of 07/01/05-6/30/10)

Total Direct Costs: \$150/visit/patient

**JUVENILE DIABETES RESEARCH FOUNDATION: Oxidative Stress and Cardiac Denervation.**

Feldman (PI), Pop-Busui (Co-I),

Total Direct Costs: \$2,965,778

**NIH/NHLBI F007546: Bypass Angioplasty Revascularization Investigation 2 Diabetes (BARI-2D) study.**

Pop-Busui (Diabetes PI for the University of Michigan), 3% effort  
7/1/05-9/30/09  
Total Direct Costs: \$157,547

**NIH/NIDDK/NCT00006305: NeuroEDIC (The Epidemiology of Diabetes Interventions and Complications (EDIC) Neuropathy).**

Pop-Busui (Co-I), 7/1/05-9/30/09  
Total Direct Costs: \$397,004

**NIH/NINDS: R-21 Cyclooxygenase Pathway and Diabetic Neuropathy.**

Pop-Busui (PI), 1/04-5/07  
Total Direct Costs: \$250,000

**Eli Lilly and Company: H9X-MC-GBCJ- The Effect of Dose Titration of LY2189265 (GLP-1 analog IV-Fc) in Overweight and Obese Patients with Type 2 Diabetes Mellitus (The EGO Study).**

Pop-Busui (Site PI), 10% effort  
3/1/08-8/31/10  
Total direct costs: \$473,613.00

**Novartis: CLAF 237A24138- A Multi Center, Randomized, Double Blind, Active Controlled Clinical Trial to Evaluate the Safety and Tolerability of 24 Weeks Treatment with Vildagliptin (50mg qd or 100 mg qd or 100 mg qd) Versus Sitagliptin (25 mg qd) in Patients with Type 2 Diabetes and Severe Renal Disease**

Pop-Busui (Site PI) 2/08-7/09  
Total Direct Costs \$114, 877.

**Eli Lilly and Company: H7U-MC-IDBA -A Phase 3, Open-Label, Three-Group Parallel Study to Assess the Efficacy of Inhaled Insulin in Patients with Type 2 Diabetes.**

Pop-Busui (Site PI), 7/06-12/08  
Total Direct Costs: \$192,651

**GlaxoSmithKline: A Feasibility Research Study to Assess Diabetic Control and Treatment Regimens in Patients with Type 2 Diabetes Mellitus.**

Pop-Busui (Site PI), 6/06-8/06  
Total Direct Costs: \$3,000

**MITSUBISHI Pharma Inc. A Phase II, Randomized, Double-Blind, Placebo-Controlled, 24-Week Dose Finding Study to Evaluate the Efficacy and Safety of 20 mg, 40 mg and 80 mg of MCC-257 in Patients with Mild to Moderate Diabetic Polyneuropathy.**

Feldman (PI), Pop-Busui (Co-I) 2/06-1/08  
Total Direct Costs: \$23,000

**Eli Lilly and Company: The Global Hypopituitary Control and Complications Study (HypoCCS- 9 years global observational research study.**

Pop-Busui (Site PI for University of Toledo) 3/1/04-6/31/05  
Total Direct Costs: \$21,330

**GlaxoSmithKline: Effect of Rosiglitazone on Endothelial Dysfunction Complicating Diabetes.**

Stevens (PI), Pop-Busui (Co-I)

5/1/01-12/30/2007

**Sanofi-Aventis: “Evaluation of diabetic retinopathy progression in subjects with type 2 diabetes mellitus treated with insulin”.**

Stevens (PI), Pop-Busui (Co-I)

1998-1999

**ASTA Medica AG “Dose-Finding Trial on the Antidiabetic Properties of Dexamipotam in Patients with Type 2 Diabetes Mellitus.**

Stevens (PI), Pop-Busui (Co-I)

1998-2000

**ASTA Medica AG: Assessment of Efficacy and Safety of Thioctic Acid in the Oral Treatment of Diabetic Polyneuropathy.**

Stevens (PI), Pop-Busui (Co-I)

5/1/98-12/31/02

**HONORS AND AWARDS**

1982	University of Timisoara School of Medicine, Award in Anatomy
1983	University of Timisoara School of Medicine, Award in Physiology
1985	University of Timisoara School of Medicine, Honorary Award in Internal Medicine
1995	Fulbright Award
2001	American Diabetes Association Endocrinology Fellow of Excellence Award
2002	Honorary Lectureship Brazilian Diabetes Association Annual Meeting, Porto Alegre, Brazil
2003	Honorary Lectureship Romanian Diabetes Association Annual Meeting, Bucharest, Romania
2004	Honorary Lectureship Department of Diabetes and Cardiovascular Diseases, Bad Oeyhausen, Germany
2005	University of Michigan Clinical Science Scholar Award
2011	University of Michigan League of Research Excellence Award
2013-2015	American Diabetes Association’s Clinical Practice Committee
2013	Honorary Member Romanian Society of Diabetes, Nutrition and Metabolic Diseases
2014	Diabetes Honoris Causa awarded by the Romanian Society of Diabetes, Nutrition and Metabolic Diseases
2014	Honorary Member of the NEURODIAB - Society for Diabetic Neuropathy
2015	NIDDK award for research achievement in the PERL trial
2015-ongoing	Chair of the Research Committee of the DCCT/EDIC study
2016	Chair NEURODIAB/EASD Annual Meeting
2017-2022	Michigan Diabetes Research Center (MDRC) Grants Program Advisory Council
2017-ongoing	Chair of the American Diabetes Association’s Scientific Research Grant Review Committee Study Section

- 2017-2019 Chair of University of Michigan Health System – Peking University Health Sciences Center Joint Institute for Translation and Clinical Research Scientific Review Process
- 2017 Chair, Dean’s Frontier Seminar Series Planning Committee
- 2017- Member of the Steering Committee of the T1D Exchange Clinic Network
- 2018-2020 Member of the Board for the Diabetes Neuropathy Consortium – Peripheral Nerve Society
- 2018- Chair, American Diabetes Association Diabetes and Cardiovascular Disease Interest Group
- 2018 Honorary Lectureship International Diabetes Center Rising Stars Program (10<sup>th</sup> Anniversary), Berlin, Germany
- 2019 University of Michigan, Department of Internal Medicine, Chair’s Award for Impact
- 2019 Larry D. Soderquist Professor, University of Michigan, Department of Internal Medicine

## **MEMBERSHIP IN PROFESSIONAL SOCIETIES**

### **International Societies**

- 1990-present Romanian Diabetic Association
- 1990-1995 Balcanic Medical Association
- 1990-2000 Romanian Association of Internal Medicine
- 1993-present European Association for the Study of Diabetes (EASD)
- 1993-1994 European Association for the Study of Obesity
- 1994-2008 Romanian Association for the Study of Childhood Diabetes
- 1995-present American Diabetes Association
- 1998-present Endocrine Society
- 1998-present Neuropathy Study Group of the EASD (NEURODIAB)
- 2003-present American Heart Association
- 2013- Romanian Society of Diabetes, Nutrition & Metabolic Diseases
- 2014-present NEURODIAB - Society for Diabetic Neuropathy
- 2017-present Peripheral Nerve Society
- 2019-Present Danish Diabetes Academy

### **National Societies**

- 1999-present American Association of Clinical Endocrinologists
- 2001-present American Medical Association
- 2019-present Association of Program Directors in Internal Medicine

### **Local Societies**

- 1996-present Michigan Affiliate of American Diabetes Association
- 2011-present Cardiovascular Center at the University of Michigan



## **EDITORIAL POSITIONS, BOARDS AND PEER-REVIEW SERVICE**

### **Editorial Boards**

2006-present Member of the Editorial Board of Experimental Diabetes Research  
2006-present Member of the Editorial Board of Review of Endocrinology  
2012-present Member of the Editorial Board of Journal of Diabetes and Its Complications  
2012-present Member of the Editorial Board of Frontiers in Diabetes  
2012-present Member of the Editorial Board of Frontiers in Endocrinology  
2014-present Member of the Editorial Board and Section Editor of Current Diabetes Reports

### **Associate Editor**

2014-ongoing Section Editor, Current Diabetes Reports  
2015-ongoing Associate Editor, Journal of Diabetes and its Complications  
2016-ongoing Associate Editor, Diabetes

### **Study Sections**

2004-2005 Member of the Peer Review Committees of the American Heart Association  
2008 Member of the July 2008 Peer Review Committees of the Juvenile Diabetes Research Foundation – Study section – complications  
2008 Member of the Special Peer Review Committees on diabetes complications of the Juvenile Diabetes Research Foundation  
2010-2013 Member of the Complications Therapies Strategic Research Committee of the Juvenile Diabetes Research Foundation  
2010 Member of the University of Michigan Peer-Review Committee on the Peking University Clinical Research Program as part of the University of Michigan and Peking University Research Initiative.  
2012-2014 American Diabetes Association’s Scientific Sessions Meeting Planning Committee  
2013-2015 American Diabetes Association’s Clinical Practice Committee  
2013 Member of the JDRF Evaluation Committee of REMOVAL Clinical Trial  
2013 Member of the NIH ZDK1 GRB-J J3 Study Section-Special Emphasis Panel for the NIDDK Multi-Center Clinical Study Implementation Planning Grants (U34)  
2014 Member of the NIH ZDK1GRB-S (O2) NIDDK Study Section -Special Emphasis Panel NIDDK  
2014 Member of the JDRF Canadian Clinical Trial Network (CCTN) Post-Doctoral Fellowships in Clinical Translation in Type 1 Diabetes Grant Review  
2014-present Full Member of the American Diabetes Association (ADA) Research Grant Review Committee (RGRC)  
2016 Member of the Review Committee of the MICHR PTSP Pilot Grant Program  
2017 Member of the NIH ZRG1 IMM-M (02) NIDDK Study Section – Member Conflict: Immune Dysfunctions and Pathologies

- 2017-ongoing Chair of the American Diabetes Association (ADA) Scientific Research Grant Review Committee (RGRC)
- 2019 Member of the NIH ZDK1 GRB-N (O1) 1 Study Section – Special Emphasis on Type 1 Diabetes TrialNet Coordinating Center and Clinical Network Hub (U01)

### **Ad-Hoc Journal Reviewer**

- 2004- Reviewer for manuscripts for the “Antioxidant& Redox Signaling”
- 2005- Reviewer for Diabetes/Metabolism/Research/Review
- 2006- Reviewer for the Diabetes Metabolism Clinical Practice
- 2007- Reviewer for Journal of Clinical Endocrinology and Metabolism
- 2007- Reviewer for Journal of the Peripheral Nervous System
- 2008 Reviewer for the Journal of Nutrition, Metabolism & Cardiovascular Diseases
- 2010- Reviewer for Diabetic Medicine
- 2011- Reviewer for the Journal of Autonomic Nervous System
- 2011- Reviewer for Diabetes Technology and Therapeutics
- 2011- Reviewer for Diabetes Care
- 2012-2015 Reviewer for Diabetes and Its Complications
- 2012- Reviewer for the Journal of American College of Cardiology
- 2013- Reviewer for Annals of Internal Medicine
- 2013- Reviewer for BMJ
- 2013- Reviewer for Circulation
- 2014- Reviewer for JAMA

### **TEACHING ACTIVITIES**

- 1990-1995 Assisted in teaching as an Assistant Professor in Internal Medicine, Department of Internal Medicine, University of Timisoara Medical School, Timisoara, Romania
- 1998-2001 Assisted in teaching as an Endocrine fellow at the University of Michigan Hospitals, Department of Internal Medicine, Division of Endocrinology and Metabolism, Ann Arbor, MI
- 09/99–06/01 Clinical skills instructor - University of Michigan Medical School, Ann Arbor, MI
- 10/01-06/05 Teaching in the Medical School and Graduate School at the University of Toledo (former Medical College of Ohio), Toledo, OH

#### Lectures at the Monthly Department of Medicine Endocrine Conference

Attended by students, residents, 50-75 attendees per session.

Topics covered: Diabetic neuropathies, Pituitary tumors, Renin-Angiotensin-Aldosterone system, Congenital adrenal hyperplasia

#### Lectures at the junior clerkship endocrine rotation – two lectures quarterly

Attended by M3 students, 40 attendees per session- Diabetes mellitus

Lectures at the Introduction to the patient teaching sessions as part of the organ block system M2 students: Covered adrenal insufficiency, diabetes mellitus and Graves' disease

Core Curriculum Lectures: Diabetic Ketoacidosis; July 2002, 2003, 2004

Course Director, University of Toledo Annual Diabetes Symposium

1. Broad Horizons in the Management of Type 2 Diabetes. CME Symposium, October 19, 2002
2. Treating to Goal and Beyond: Closing the Gap between Inpatient-Outpatient Diabetes Management. CME Symposium, January 30, 2004

Lectures given at these symposiums: "Impact of insulin therapy on cardiovascular risk in type 2 diabetes." "Role of Intensive Insulin Treatment in Inpatient Setting"

Attending physician: Inpatient endocrine consultation service

7 months a year from October 2001 to February 2003, daily from March 2003 to September 2004, every other month from September 2004-June 2005.

Attending physician teaching: medicine residents in endocrine ambulatory rotation

Student rotations: 3<sup>rd</sup> and 4<sup>th</sup> year medical student rotation on outpatient endocrine clinic

Mentoring 2 graduate students in my lab and supervised 3 undergraduate students during the summer undergraduate research program at the University of Toledo

Faculty at the Internal Medicine Board Review Course University of Toledo

June 21, 2002 Update in Endocrinology  
June 17, 2003 Update in Endocrinology

07/2005-present Teaching in the Medical School at the University of Michigan, Ann Arbor, MI:

Attending physician teaching: endocrine fellows and internal medicine residents in endocrine inpatient and ambulatory rotations-ongoing

Mentor: graduate student Aaron Kellogg, Program Molecular Basis of Disease in my lab who followed me from the University of Toledo and has graduated June 2008 from the Molecular Basis of Disease Program at the University of Toledo

Student rotations: 3<sup>rd</sup> and 4<sup>th</sup> year medical student rotation on outpatient endocrine clinic - ongoing

Mentor: Summer Internship-graduate student from School of Public Health, Renuka Coehlo, Summer 2006

Mentor: UROP Student, Fall 2006

Small Group Endocrine Teaching 2008

Mentor: Endocrine Fellow- Dr. Sima Saberi, 2007 - 2009

Mentor: Summer Biomedical Research Program 2009, M2 Student - Laurel E. Roberts, class 2012

Co-Mentor with Dr Saran Sanjiv: Nephrology Fellow- Dr. Preeti Chandra, 2008 - 2010

Mentor: Endocrine Fellow - Dr. Leena Jha, 2009 - 2011

Lecturer: Epid 552, Chronic Disease Epidemiology, lecture on diabetes complications 12/09, School of Public Health

Small Group Endocrine Teaching 2010

Mentor: Summer Biomedical Research Program 2010, M2 Student - Mitali Mehta, class 2013

Mentor: UROP Student, Rajsekhar Kadiyala, 2011 - 2012

Mentor: Graduate Student, Katherine McKeon, M. Engineering in Pharmaceutical Engineering, 2012

Mentor: Summer Biomedical Research Program 2012, M2 Student - Elizabeth White, Oakland University

Mentor: Postdoctoral fellow, Mamta Jaiswal, 2012 – present

Mentor: UROP Student, Jacqueline Albosta, 2012 – 2013

Mentor: Summer Biomedical Research Program 2013, M2 Student - Ashley Shinke, University of Michigan

Mentor: Endocrine Fellow – Dr. Lynn Ang, 2013-2015

Mentor: Summer Biomedical Research Program 2014, M2 Student - Nicole Nevarez, University of Michigan

Ph.D. Thesis Advisor: Christian Stevns Hansen (Health and Medical Sciences), 2016-ongoing

Mentor: Endocrine Fellow – Dr. Kara Mizokami-Stout, 2016 – 2018

Mentor: Summer Biomedical Research Program 2016, M2 Student - Jordan Ueberroth, Michigan State University.

Course Director: University of Michigan CME Annual Course “Diabetes and Endocrinology Updates”, 2008-2013, which was transitioned into the Diabetes Update Course as of 2014.

Co-Chair: Brehm Tower 5<sup>th</sup> Anniversary Symposium, November 6<sup>th</sup> 2015

Faculty and lecturer: The Endocrine Fellow Summer Research Short Course: held annually: in charge of teaching “Introduction to Clinical Research and Clinical Trials” since July 2014, ongoing

Mentor: Undergraduate Student MCDB 300, Matthew Solway, 2017-2018, University of Michigan

Mentor: Undergraduate Student, Annika Tharp, Summer 2017, Indiana University, part of the ADA grant

Mentor: Undergraduate Student, Daniel Eder, 2017, University of Michigan, part of the ADA grant

Mentor: High School Student, Sophia Wakeman, 2017-present

Mentor: Masters Student, Nathan Cowdin, 2018, part of the Physiology Capstone Project at the University of Michigan

Mentor: Medical School Student, Alexandra Balsalobre, 2018

Mentor: Undergraduate Student, Anik Clement, Fall 2018, Washtenaw Community College, part of the ADA grant

Mentor: Undergraduate Student MCDB 300 Joseph Files, University of Michigan 2018-2019

Mentor: Exchange PhD Student Karolina Kahn MD, University of Aarhus, Aarhus, Denmark 2019

Mentor: M3 Medical Student, Brendan Dillon, University of Michigan, 2019-2020.

Mentor: Exchange PhD Student Anne-Marie Langmach Wegeberg, University of Aalborg, Aalborg, Denmark 2019

Mentor: Exchange PhD Student, Lili Liu, Peking University, China, 2019

Mentor: Exchange MDs, Sho and Kasumi Osonoi, Hirosaki University Japan, 2019

Mentor: NIDDK Summer Medical Student Research Program in Diabetes and Obesity, Monica Mikhael, Touro College of Osteopathic Medicine, 2020

## **COMMITTEE, ORGANIZATIONAL AND VOLUNTEER SERVICE**

### **National**

2004-2008	Member of the Council for Clinical Research of the American Association of Clinical Endocrinologists
2011-present	Member, DCCT/EDIC Adherence Monitoring Committee
2015-ongoing	Chair DCCT/EDIC Research Committee
2017-2019	Member, T1D Exchange Clinic Network Steering Committee
2019-ongoing	Member, COORDINATE-Diabetes Steering Committee and QI Academy
2020-ongoing	Member, VA Ann Arbor HSR&D Center for Clinical Management Research (CCMR) Steering Committee.

### **International**

1998-present	Member of the Diabetes Complications Council of the American Diabetes Association
2008, 2012-2018	Abstract reviewer for the American Diabetes Association Annual Meetings
2013-2014	Member, American Diabetes Association Annual Scientific Meeting Committee
2013-2015	Member, American Diabetes Association Professional Practice Committee
2015-2016	Chairmen of the 2016 Neuropathy Study Group of the EASD Annual Meeting
2017-ongoing	Chair, American Diabetes Association Research Review Committee
2018-ongoing	Member, Semaglutide Cardiovascular Outcomes Trial (Novo Nordisk) Steering Committee
2018-ongoing	Elected Member, SOUL Trial (Novo Nordisk) Steering Committee
2018-ongoing	International Diabetic Neuropathy Consortium (IDNC)/Peripheral Nerve Society

2018-ongoing	Chair, American Diabetes Association Diabetes and Cardiovascular Complications Interest Group
2019-ongoing	Member, American Diabetes Association Research Policy Committee
2019-ongoing	Member, Danish Diabetes Committee, Committee for Talent Development
2020-ongoing	Member, Research Affairs Core Committee
2020-ongoing	Chair, Neuropathy Section, American Diabetes Association Scientific Sessions Planning Meeting Committee

### **University of Michigan**

2006-2007	Member, Future of Diabetes Care at the University of Michigan
2007	Member, Briarwood 2 MEND Clinical Committee
2007	Co-Director of the Endocrinology & Diabetes Update CME Course
2008-	Director of the Endocrinology & Diabetes Update CME Course
2009-	In charge of the MEND Research Conference with Drs. Cline and Oral
2010	Member, MEND Faculty Retreat Committee
2010	Member, University of Michigan Peer Review Committee for the Peking University Clinical Research Program on the Perspective epidemiology study of obstructive sleep apnea and progression of diabetic retinopathy
2010-	Member, Division of MEND Search Committee
2010	Member, Deployment Team for the UMHS Strategic Planning Process to implement improvements in clinical research
2011-2012	Member, MiChart Research Physicians Champions Committee
2011-2012	Member, Medical School CME Committee
2012-	Member, Department of Internal Medicine's Promotions Committee
2012	Member, MSTP Career Advisory Panel
2013	Member, Michigan Institute for Clinical & Health Research (MCTO)
2013	Member, MiChart Research Leadership Team
2013-	Member, Research BPA Committee
2014-2015	Member, Michigan Comprehensive Diabetes Center Operational Committee
2017-2018	Member, Clinical Trials Subcommittee, Medical School Research Board of Directors (RBOD-CTS)
2017-2019	Dean's Frontier Seminar Series Planning Committee

### **University of Toledo Committees**

2001-2005	Transplant Committee
2002-2005	Admissions Committee Medical School
2004	Search Committee for the Department of Neurosciences Chair
2004-2005	Admission Committee Graduate School
2004-2005	Member of the Medical College of Ohio President Advisory Council for Research

2004-2005 Member of the Research Advisory Committee for the Office of Inter Universities Research Collaboration of Ohio

### **Volunteer Service**

2009 Educational lectures for the Amputees Support Group of Ann Arbor and the Juvenile Diabetes Research Foundation patient support meetings  
2012 Educational Lecture for the University of Michigan Diabetes Students Support Group  
2011-present Juvenile Diabetes Research Foundation  
2012-present American Diabetes Association  
2019 Educational Lecture for JDRF discussing JDRF Research in Michigan

### **CONSULTING POSITIONS**

2004-2009 Occasional consultant for Pfizer Pharmaceutical Inc. and Sanofi-Aventis  
2011 Occasional consultant for Amylin Pharmaceuticals  
2013 Occasional consultant for Jansen Pharmaceutical  
2014 Occasional consultant for Astra Zeneca

### **VISITING PROFESSORSHIPS, SEMINARS, AND EXTRAMURAL INVITED PRESENTATIONS**

#### ***GRAND ROUNDS PRESENTATIONS***

1. Diabetes mellitus. Family Practice Grand Rounds, St.Vincent's, Toledo, OH, November 2001
2. Managing type 2 Diabetes. Medicine Grand Rounds, Flower Hospital, Toledo, OH, April 2002
3. New Concepts in Diabetic Neuropathies – From Glucotoxicity to Oxidative Stress and Beyond. Department of Medicine Grand Rounds, University of Toledo, Toledo, OH, September 2002
4. New Concepts in Diabetic Neuropathies. Department of Pathology Grand Rounds, Wayne State University, Detroit, MI, November 2002
5. An Update in Diabetic Neuropathies: clinical and pathophysiological considerations. Endocrinology Grand Rounds, Wayne State University, Detroit, MI, May 2004
6. A Challenge for the 21<sup>st</sup> Century: The Deadly Quartet in Metabolic Syndrome and Type 2 Diabetes. Medicine Grand Rounds, University of Toledo, Toledo, OH, October 21, 2004



7. Diabetic Neuropathies. Endocrinology Grand Rounds, Case Western Reserve University, Cleveland, OH, November 2004
8. An Update in the Management of Diabetes. Internal Medicine Grand Rounds, McLaren Medical Center, Flint, MI, October 2008
9. Cardiac Autonomic Neuropathy in Diabetes and Prediabetes. Citywide Endocrine Rounds at the University of Toronto, Toronto, Canada, September 25, 2009
10. Can We Cure Diabetic Neuropathy? Role of Risk Factor Control. Medical Grand Rounds, University of Michigan Health System, Ann Arbor, MI, January 2012
11. Risk Factor Control and Diabetic Neuropathy. Grand Rounds at the Joslin Diabetes Center, Boston, MA, May 2012
12. Can We Cure Diabetic Neuropathy? Role of Risk Factor Control. Citywide Endocrine Rounds at the University of Toronto, Toronto, Canada, May 18, 2012
13. Cardiovascular Autonomic Neuropathy and Cardiovascular Outcomes in Diabetes. Frontiers in Cardiovascular Science Seminar Series, The University of Michigan Cardiovascular Center (CVC), Ann Arbor, MI, November 2012
14. Cardiovascular Autonomic Neuropathy in Diabetes. Grand Rounds Presentation, Department of Internal Medicine, Korea University, Seoul, Korea, March 8, 2013
15. Cardiovascular Autonomic Neuropathy and Cardiovascular Outcomes in Diabetes. Grand Rounds Presentation, Department of Internal Medicine, University of Utah, Salt Lake City, UT, July 2013
16. Cardiovascular Autonomic Neuropathy and Cardiovascular Outcomes. Grand Rounds Presentation, Department of Internal Medicine, University of Iowa, Iowa City, IA, September, 2015
17. Cardiovascular Autonomic Neuropathy and Cardiovascular Outcomes. Invited Plenary Lecture at the University of Chicago Diabetes Day, Chicago, IL, May 2015
18. Can We Cure Diabetic Neuropathy? Grand Round Presentation, Winthrop University and Diabetes Center, Rhode Island and New York, December 2015
19. Diabetic Neuropathy – A Position Statement of the American Diabetes Association. Grand Rounds Presentation, University of Miami, Miami, FL, January 2017
20. ADA Statement on Diabetic Neuropathy – Science and Art in the Management of Diabetic Neuropathies. Grand Rounds Presentations, Brown University, Providence, RI, November 2017

21. Diabetic Neuropathies: Translating Evidence into Clinical Practice. Citywide Endocrine Rounds at the University of Minnesota, Minneapolis, Minnesota, January 2018
22. What Physicians Absolutely Need to Know About Diabetic Neuropathies to Apply Personalized Care to Patients at the University of Florida, Gainesville, Florida, October 2018
23. What Busy Clinicians Need to Know About Diabetic Neuropathy to Apply Personalized Care at the Translational Research Institute for Metabolism and Diabetes, Orlando, Florida, December 2018.
24. A journey in Diabetes Complications – Grand rounds and Visiting Professorship at the University of Kansas, Kansas City, Kansas April 2019.
25. Diabetic Neuropathies: Applying Evidence to Personalized Care , Grand Rounds and Visiting Professorship at the University of Washington, Seattle, Washington, August 2019.
26. What physicians need to know to apply personalized care for diabetic neuropathies. Grand Rounds and Visiting Professorship at Northwestern University, Chicago, Illinois, January 2020.

### ***INTERNAL TALKS***

1. Nerve taurine replacement attenuates oxidative stress, nerve blood flow and conduction deficits in streptozotocin-diabetic rats. 5th Annual Research Day Scientific Session, Department of Internal Medicine, University of Michigan, February 1997
2. Regulation of taurine transporter in diabetes. Research Conference, Division of Endocrinology and Metabolism, University of Michigan, March 1998
3. Dysregulation of taurine transporter in diabetes. Research Conference, Division of Endocrinology and Metabolism, University of Michigan, March 1999
4. Down-regulation of sciatic nerve Na<sup>+</sup>-taurine co-transporter in streptozotocin-diabetic rats – a potential mediator of glucose-toxicity. Seventh Annual Department of Internal Medicine Research Day, University of Michigan, May 1999
5. COX pathway and diabetic neuropathy. Research Conference, Division of Endocrinology and Metabolism, University of Michigan, October 5, 2000
6. Diabetes Mellitus. CME presentation at the University of Michigan Kellogg Eye Center 80<sup>th</sup> Annual Spring Conference, Ann Arbor, MI, May 30, 2008
7. Intensive Insulin treatment. CME presentation at the University of Michigan 2008 Annual Endocrinology & Diabetes CME Update Course, The Inn at St. Johns, Plymouth, MI, October 2008

8. The Glucose-Cardiovascular Disease Connection – the Search for the Missing Link. Invited Plenary Talk at the Michigan Diabetes Research and Training Center Winter Symposium, September 2009
9. The Link between Glucose and Cardiovascular Disease in Type 2 Diabetes. Plenary Talk at the Annual Endocrinology & Diabetes CME Update Course, The Inn at St. Johns, Plymouth, MI, October 2009
10. Sympathetic Activation and Myocardial Dysfunction in Type 1 Diabetes, Division of MEND Research Conference, January 2010
11. Effects of Multiple Risk Factor Management on Micro and Macrovascular Outcomes in the ACCORD Trial, Division of MEND Clinical Conference, August 2010
12. Risk Factor Management and Micro and Macrovascular Outcomes in the ACCORD Trial. Plenary Talk at the Annual Endocrinology & Diabetes Update CME Course, The Inn at St. Johns, Plymouth, MI, October 2010
13. Cardiovascular Autonomic Neuropathy and Myocardial Dysfunction in Diabetes. Invited Plenary Talk at the Diabetes Complications Research Symposium organized jointly by the University of Michigan Diabetes Comprehensive Diabetes Center, the Michigan Diabetes Research and Training Center, Michigan Metabolomics and Obesity Center and the Michigan Institute for Clinical and Health Research (MICHHR), Ann Arbor, MI, November 2010
14. What is New in Diabetes Diagnosis and Treatment. Plenary Talk at the Annual Endocrinology & Diabetes Update CME Course, Eagle Crest, Ypsilanti, MI, October 2011
15. Diabetes- Year in Review. Plenary Talk at the Annual Endocrinology & Diabetes Update CME Course, The Inn at St. Johns, Plymouth, MI, October 2012
16. Update in Diabetic Neuropathy. Teaching Conference for the Endocrine Fellows, MEND Division, October 2012
17. Clinical Research Tips in Diabetes and Related Disorders-Study Design, Outcomes, Methods to assess beta-cell function and insulin sensitivity, Teaching Conference for the Endocrine Fellows, MEND Division, August 2013.
18. New and Not so New Ideas in Optimizing Treatment in Type 2 Diabetes. Lecture at the University of Michigan’s “Advancing Outpatient Diabetes Care” CME Course, The Inn at St. Johns, Plymouth, MI, April, 2014
19. Update in Diabetic Neuropathy: Teaching Conference for the Endocrine Fellows, MEND Division, November 2014

20. Update on Diabetes Complications. Plenary Talk at the Annual Advancing Outpatient Diabetes Care CME Course, The Inn at St. Johns, Plymouth, MI, April 2015
21. Planning and Conduction of Clinical Trials: Pitfalls and Necessary Considerations. Teaching Conference for the Endocrine Fellows, MEND Division, August 2015
22. How to Treat the Pain associated with Diabetic Neuropathy. Plenary Talk at the Annual Advancing Outpatient Diabetes Care CME Course, The Inn at St. Johns, Plymouth, April 2016
23. Updates On Management of Type 1 Diabetes Mellitus. Plenary Talk at the 52<sup>nd</sup> Annual Northern Michigan Family Medicine Update, Shanty Creek, MI, June 2016
24. Approach to the Inpatient Management of Diabetes Mellitus. Plenary Talk at the 52<sup>nd</sup> Annual Northern Michigan Family Medicine Update, Shanty Creek, MI, June 2016
25. New Therapies for Type 2 Diabetes Mellitus. Plenary Talk at the 52<sup>nd</sup> Annual Northern Michigan Family Medicine Update, Shanty Creek, MI, June 2016.
26. Approach to the Inpatient Management of Diabetes Mellitus. Plenary Talk at the 52<sup>nd</sup> Annual Northern Michigan Family Medicine Update, Shanty Creek, MI, June 2016
27. Updates on Screening for Diabetic nephropathy. Plenary Talk at the 52<sup>nd</sup> Annual Northern Michigan Family Medicine Update, Shanty Creek, MI, June 2016
28. Strategies for treating neuropathic pain in diabetes. Plenary Talk at the 52<sup>nd</sup> Annual Northern Michigan Family Medicine Update, Shanty Creek, MI, June 2016
29. Diabetes Mellitus. Plenary Talk at the Internal Medicine Board Review Course, The Inn at St. Johns, Plymouth, MI, July 11-15, 2016
30. Update in Diabetic Neuropathy. Teaching Conference for the Endocrine Fellows, MEND Division, January 2017
31. Interactive Panel Case Presentations. Plenary Talk at the Advancing Outpatient Diabetes Management CME Course, The Inn at St. Johns, Plymouth, MI, April 2017
32. Introduction to Clinical Research. Teaching Conference for the Endocrine Fellows, MEND Division, August 2017
33. Perspectives in Diabetes Complications – A Teamwork Approach. Plenary Talk at the Annual Meeting of Alumni of Kellogg Eye Center, Kellogg Eye Center, Ann Arbor, MI, September 2017

34. Perspectives in Diabetic Complications. Plenary Talk at the Taubman Medical Research Institute and Biointerfaces Institute Diabetes and Its Complications Challenge, North Campus Research Complex, Ann Arbor, MI, September 2017
35. Trial Design. Lecture at the Michigan Medicine's Clinical Trials Academy, January 2018
36. Important Diabetes Trials. Teaching Conference for the Endocrine Fellows, MEND Division, April 2018
37. Management of Diabetes. Plenary Talk at the BMC2 PCI Collaborative Meeting, Baronette Renaissance Hotel, Novi, MI, April 2018
38. Diabetes Medications and Cardiovascular Disease: Winning on 2 Fronts. Plenary Talk at the Michigan Medicine for Health Delivery and Technology in Today's Diabetes Care CME Course, The Inn at St. Johns, Plymouth, MI, April 2018
39. Conducting Clinical Research. Teaching Conference for the Endocrine Fellows, MEND Division, August 2018
40. New Guidelines in the Management of Type 2 Diabetes: Applying New Evidence to Personalized Care. Plenary Talk at the Michigan Medicine for Health Delivery and Technology in Today's Diabetes Care CME Course, The Inn at St. Johns, Plymouth, MI, April 2019
41. Translating Outcomes from Cardiorenal Trials in Daily Management of Diabetes. Plenary Talk at the Nephrology Division Weekly Research Conference, May 2019
42. A Career as a Clinical Trialist. Plenary Talk at the University of Michigan Medical School's M1 Scientific Discovery Path of Excellence Program, Ann Arbor, MI, 15 July 2019.
43. Clinical Trials and Clinical Trial design- Summer JI exchange lecture August 2019
44. Updates in clinical Trials and Clinical Research Teaching Conference for the Endocrine Fellows, MEND Division, August 2019

### ***REGIONAL AND EXTRAMURAL TALKS***

1. Peripheral diabetic neuropathy. Toledo area diabetes educators, AADE, Toledo, OH, March 12, 2002
2. Managing type 2 diabetes. Monroe Medical Society CME Conference, March 13, 2002
3. Broad Horizons in the Management of Type 2 Diabetes. "Impact of insulin therapy on cardio-vascular risk in type 2 diabetes." University of Toledo Annual Endocrinology CME Symposium, Toledo, OH, October 19, 2002

4. Treating to Goal and Beyond: Closing the gap between Inpatient-Outpatient Management of Diabetes. “Role of Intensive Insulin Treatment in Inpatient Setting”. University of Toledo Annual Endocrinology CME Symposium, Toledo, OH, January 30, 2004
5. Maintaining Quality of Life in Patients with Schizophrenia: An Endocrine Point of View. CME Symposia series sponsored by the University of Florida, Tampa, FL, St Louis, MO and Minneapolis, MN, June-Sept. 2004
6. An update on Diabetic Neuropathies. CME presentation sponsored by Florida Diabetes Prevention Center and University of Florida, May 2005
7. Diabetic Neuropathies. CME presentation sponsored by the University of Colorado, The Great Lakes Symposium on Metabolic Syndrome, Novi, MI, May 2006
8. Update in Diabetic Neuropathies. CME presentation at Annual Meeting of The Great Lakes Association of Podiatry, Troy, MI, February 2013
9. Optimize treatment of Diabetic Neuropathy and Overview of the GRADE Trial. Invited plenary lecture at the Endocrine Club-MI chapter of the American Association of Clinical Endocrinologists (AACE). September 2013
10. Diagnosis and Management of Diabetic Neuropathy. MSMS Foundation 3<sup>rd</sup> Annual Spring Scientific Meeting, The Henry, Dearborn, MI, May 2014
11. Current Trends in Diabetes and Diabetes Complications. Kresge Eye Institute’s *Diabetic Retinopathy Symposium*. The Townsend Hotel, Birmingham, MI, April 2017
12. PL VOICES: Clinical Recommendations (PLV-CR) Webinar (Guest Panelist). The Therapeutic Research Center. Online Webinar, August 2017
13. Q&A and Panel Discussion (Guest Panelist). CONCEPPT/IDNC Meeting on Diabetic Peripheral Neuropathies: Evidence Based Taxonomy for Diabetic Peripheral Neuropathies. Washington DC, December 2017

### **SPECIAL / INVITED PRESENTATIONS AT NATIONAL / INTERNATIONAL MEETINGS**

1. **Pop-Busui R**, Bacanu GH, Sporea I: Detection of early gastric emptying showing in patients with long-standing diabetes by ultrasonography. Romanian Diabetes Association Annual Meeting, Brasov, Romania, March 1994
2. **Pop-Busui R**, Bacanu GH, Sporea I: Effect of cisapride and erythromicine on gastric emptying in diabetic patients. Romanian Diabetic Association Annual Meeting, Bucharest, Romania, March 1995

3. **Pop-Busui R**, Van Huysen C, Beyer L, Towns R, Greene DA, Stevens, MJ: Dissociation of nerve blood flow and nerve conduction velocity by acetyl-L-carnitine treatment in streptozotocin diabetes. 56<sup>th</sup> American Diabetic Association's Annual Meeting, San Francisco, CA, June 1996
4. **Pop-Busui R**: Down-regulation of sciatic nerve Na<sup>+</sup>-taurine co-transporter in streptozotocin-diabetic rats – a potential mediator of glucose-toxicity. 8<sup>th</sup> NEURODIAB Meeting, Sitges, Spain, September 1998
5. **Pop-Busui R**: Down-regulation of sciatic nerve Na<sup>+</sup>-taurine co-transporter in streptozotocin-diabetic rats – a potential mediator of glucose-toxicity. 34<sup>th</sup> Annual Meeting of the European Association for the Study of Diabetes, Barcelona, Spain, September 1998
6. **Pop-Busui R**: Myocardial endothelial dysfunction complicates sympathetic dysinnervation in diabetic autonomic neuropathy. 59<sup>th</sup> Annual Scientific Session of the American Diabetes Association, San Diego, CA, June 1999
7. **Pop-Busui R**: Metabolic, vascular and nerve conduction deficits induced by cyclooxygenase inhibition in experimental diabetes. 60<sup>th</sup> Annual Scientific Session of the American Diabetes Association, San Antonio, TX, June 2000
8. **Pop-Busui R**: A case of amiodarone induced thyrotoxicosis. 82<sup>nd</sup> Annual Meeting of the Endocrine Society, Toronto, Canada, June 2000
9. **Pop-Busui R**: Taurine replacement prevents apoptosis in experimental diabetic neuropathy. Fifth Diabetic Neuropathy Satellite to the International Diabetes Federation Congress 2000, San Jose, Costa Rica, November 2000
10. **Pop-Busui R**: The Diabetic Foot. Professional Symposia of the Regional Association of the Outpatients Surgeons of Hessian, Frankfurt, Germany, February 2001
11. **Pop-Busui R**, Marinescu V, Sullivan K, Larkin D, Li F, Stevens MJ: Cyclooxygenase (COX)-2 expression is selectively increased in the sciatic nerve of streptozotocin diabetic (STZ-D) rats. 61<sup>st</sup> Annual Scientific Session of the American Diabetes Association, Philadelphia, PA, June 2001
12. **Pop-Busui R**, Raffel D, Stevens MJ: Oxidative Stress is associated with abnormal myocardial blood flow regulation in subjects with Type 1 diabetes and microangiopathy. 61<sup>st</sup> Annual Scientific Session of the American Diabetes Association, Philadelphia, PA, June 2001
13. **Pop-Busui R**, Raffel D, Schroeder J, Stevens MJ: C-reactive protein is associated with abnormal myocardial blood flow regulation in subjects with Type 1 Diabetes and Microangiopathy. 62<sup>nd</sup> Annual Scientific Session of the American Diabetes Association, San Francisco, CA, June 12, 2002

14. **Pop-Busui R**, Raffel D, Schroeder J, Stevens MJ: Oxidative stress adrenergic hyper-reactivity and endothelial dysfunction complicating Type 1 Diabetes. NEURODIAB Annual Meeting, Balaton-Fured, Hungary, August 30, 2002
15. **Pop-Busui R**: Cyclooxygenase pathway and peripheral diabetic neuropathy. Brazilian Diabetes Association Annual Meeting, Porto Alegre, Brazil, December 2002
16. **Pop-Busui R**: Protein kinase C and diabetes complications. Brazilian Diabetes Association Annual Meeting, Porto Alegre, Brazil, December 2002
17. **Pop-Busui R**, Kellogg AP, Li F, Larkin D, Stevens MJ: Cox-2-Knock-Out Mice Are Protected from Nerve Conduction Velocity Slowing in Experimental Diabetes. 63<sup>rd</sup> American Diabetes Association Annual Meeting, New Orleans, LA, June 2003
18. **Pop-Busui R**, Kellogg AP, Li F, Larkin D, Stevens MJ: Cox-2-Knock-Out Mice Are Protected from Nerve Conduction Velocity Slowing in Experimental Diabetes. NEURODIAB Annual Meeting, Saint-Malo, France, August 2003
19. **Pop-Busui R**, Stevens MJ, Schroeder J, Raffel D: Adrenergic Hyper-Responsiveness and Paradoxical Myocardial Blood Flow Regulation Complicate Type 1 but Not Type 2 Diabetes Mellitus. NEURODIAB Annual Meeting, Saint-Malo, France, August 2003
20. **Pop-Busui R**: Effects of COX-2 Gene Inactivation on Nerve Conduction Velocity and Oxidative Stress in Experimental Diabetes. 64<sup>th</sup> American Diabetes Association Annual Meeting, Orlando, FL, June 2004
21. **Pop-Busui R**: An Update in Diabetic Neuropathies: From Glucotoxicity to Oxidative Stress and Beyond. Department of Diabetes and Cardiovascular Diseases Special Grand Round Presentation, Bad Oyehausen, Germany, September 1, 2004
22. **Pop-Busui R**: Effects of COX-2 Gene Inactivation on Nerve Conduction Velocity and Oxidative Stress in Experimental Diabetes II. Joint Meeting of NEURODIAB and Diabetic Foot Study Group of the EASD, Regensburg, Germany, September 3, 2004
23. **Pop-Busui R**: Cyclooxygenase (COX)-2 Selective Inhibition, Oxidative Stress and Inflammation in Experimental Diabetic Peripheral Neuropathy. 65<sup>th</sup> American Diabetes Association Annual Meeting, San Diego CA, June 2005
24. **Pop-Busui R**: Effects of Cyclooxygenase (COX) Inhibition on Nerve Conduction Velocity (NCV) and Sensory Fiber Function in Experimental Diabetes. 15<sup>th</sup> Annual Meeting of the NEURODIAB, Porto Heli, Greece, September 2005
25. **Pop-Busui R**: Protective Effects of Cyclooxygenase-2 (COX-2) Gene Inactivation on Functional and Biochemical Deficits of Experimental Diabetic Neuropathy Are



Maintained after Longer Diabetes Duration. 15<sup>th</sup> Annual Meeting of the NEURODIAB, Porto Heli, Greece, September 2005

26. **Pop-Busui R:** Effects of Cyclooxygenase-2 (COX-2) Gene Inactivation on Myocardial Oxidative Stress and Inflammation in Experimental Diabetes. American Heart Association Scientific Session, Dallas, TX, 2005
27. **Pop-Busui R:** Long Term Protective Effects of Cyclooxygenase-2 (COX-2) Gene Inactivation on Functional Deficits of Experimental Diabetic Neuropathy. 66<sup>th</sup> American Diabetes Association Annual Meeting, Washington DC, June 2006
28. **Pop-Busui R:** Oxidative Stress and Cardiovascular Denervation in Diabetes: An Interventional Trial. 16<sup>th</sup> Annual Meeting of the NEURODIAB, Ystad, Sweden, September 2006
29. **Pop-Busui R:** Cross Talk between Cyclooxygenase-2 (COX-2) pathway, oxidative stress and inflammation in long term experimental diabetic neuropathy. 16<sup>th</sup> Annual Meeting of the NEURODIAB, Ystad, Sweden, September 2006
30. **Pop-Busui R,** Kellogg AP, Hayes J, Larkin D, Stevens MJ, Feldman EL: Protective effects of cyclooxygenase-2 (cox-2) gene inactivation against intraepidermal nerve fibers loss and peripheral nerve dysfunction in long-term experimental diabetes. 7<sup>th</sup> International Symposium of Diabetic Neuropathy of the International Diabetes Federation, Cape Town, South Africa, November-December 2006
31. **Pop-Busui R:** Cutting Edge Theories on the Pathogenesis of Diabetic Neuropathies. Invited Plenary Key Note Address at the 7<sup>th</sup> International Symposium of Diabetic Neuropathy of the International Diabetes Federation, Cape Town, South Africa, November-December 2006
32. **Pop-Busui R:** Prevalence of Diabetic Peripheral Neuropathy (DPN) and Relation to Glycemic Control Strategies at Baseline in the BARI 2D Cohorts. Oral presentation at the 67<sup>th</sup> American Diabetes Association Annual Meeting, Chicago, IL, June 2007
33. **Pop-Busui R:** Rosiglitazone Ameliorates Nitrosative Stress and Inflammation in Type 2 Diabetes. Poster presentation at the 67<sup>th</sup> American Diabetes Association Annual Meeting, Chicago, IL, June 2007
34. **Pop-Busui R:** Rosiglitazone Ameliorates Nitrosative Stress and Preserves Myocardial Blood Flow in Type 2 Diabetes. Oral presentation at the 17<sup>th</sup> Annual Meeting of the NEURODIAB, Utrecht, The Netherlands, September 2007
35. **Pop-Busui R:** Cardiac Autonomic Neuropathy in the Diabetes Control and Complications Trial/Epidemiology of Diabetes Interventions and Complications Study (DCCT/EDIC). Oral presentation at the 68<sup>th</sup> American Diabetes Association Annual Meeting, San Francisco, CA, June 2008

36. **Pop-Busui R:** Cardiac Autonomic Neuropathy in the Diabetes Control and Complications Trial/Epidemiology of Diabetes Interventions and Complications Study (DCCT/EDIC). Oral presentation at the 18<sup>th</sup> Annual Meeting of the NEURODIAB, Orvieto, Italy, September 2008
37. **Pop-Busui R:** Cardiac Autonomic Neuropathy in the Diabetes Control and Complications Trial/Epidemiology of Diabetes Interventions and Complications Study (DCCT/EDIC). Oral presentation at the 44<sup>th</sup> Annual Meeting of the European Association for the Study of Diabetes (EASD), Rome, Italy, September 2008
38. **Pop-Busui R:** Clinical Initiatives in Cardiovascular Disease in Diabetes. Invited plenary presentation at The Renal Week - Annual Meeting of the American Society of Nephrology, PA, November 2008.
39. **Pop-Busui R, Raffel D, Byun J, Rubenfire M, Giri A, Ryan K, Brown M, Pennathur S:** Oxidative Stress and Cardiovascular Denervation in Subjects with Metabolic Syndrome. Presentation at the 3<sup>rd</sup> International Congress of Prediabetes and Metabolic Syndrome
40. **Pop-Busui R, Raffel D, Byun J, Rubenfire M, Giri A, Ryan K, Brown M, Pennathur S:** Cardiovascular Denervation and Oxidative Stress in Subjects with Metabolic Syndrome. Oral presentation at the 69<sup>th</sup> American Diabetes Association Annual Meeting, New Orleans, LA, June 2009
41. **Pop-Busui R, Evans G, Gerstein H, Fonseca V, Hoogwerf B, Genuth S, Fleg J, Grimm R, Corson M, Prineas R, and the ACCORD Study Group.** Cardiac Autonomic Dysfunction Predicts Cardiovascular Mortality in the Action to Control Cardiovascular Risk in Diabetes (ACCORD) Trial. Oral presentation at the 69<sup>th</sup> American Diabetes Association Annual Meeting, New Orleans, LA, June 2009
42. **Pop-Busui R:** Cardiac Autonomic Neuropathy in the Diabetes Control and Complications Trial/Epidemiology of Diabetes Interventions and Complications Study (DCCT/EDIC). Platform Invited Presentation at The Annual Meeting of the Peripheral Nerve Society, Wurzburg, Germany, July 2009
43. **Pop-Busui R:** Cardiovascular Denervation and Oxidative Stress in Subjects with Metabolic Syndrome. Oral Invited Presentation at The Joint Session of the 8th International Symposium on Diabetic Neuropathy and 19th Annual Meeting of the Diabetic Neuropathy Study Group of the EASD- NEURODIAB, Toronto, Canada, October 2009
44. **Pop-Busui R:** Association between Hypoglycemia and Impaired Cardiovascular Autonomic Function in the DCCT/EDIC cohort. Oral Invited Presentation at The Joint Session of the 8th International Symposium on Diabetic Neuropathy and 19th Annual Meeting of the Diabetic Neuropathy Study Group of the EASD- NEURODIAB, Toronto, Canada, October 2009

45. **Pop-Busui R:** Cardiac Autonomic Neuropathy and Left Ventricular Function in the Diabetes Control and Complications Trial/Epidemiology of Diabetes Intervention and Complications Study (DCCT/EDIC). Oral Invited Presentation at The Annual Meeting of the American Heart Association, Orlando, FL, November 2009
46. **Pop-Busui R:** Validation of the Michigan Neuropathy Screening Instrument as a Measure of Distal Symmetrical Peripheral Neuropathy in Type 1 Diabetes: Results from the Diabetes Control and Complications Trial/Epidemiology of Diabetes Interventions and Complications (DCCT/EDIC). The 70<sup>th</sup> American Diabetes Association Annual Meeting, Orlando, FL, June 2010
47. **Pop-Busui R:** Pathogenesis of Diabetic Neuropathy. Invited Plenary Lecture at the 8<sup>th</sup> National Congress of the Romanian Federation of Diabetes, Nutrition and Metabolic Diseases. Cluj-Napoca, Romania, September 9, 2010
48. **Pop-Busui R:** “Diabetic Neuropathy before and after DCCT-EDIC and ACCORD Trials”. Invited Plenary Lecture at the 5-Th Central European Association for the Study of Diabetes Congress, Cluj-Napoca, Romania, September 10, 2010
49. **Pop-Busui R:** Assessing Cardiac Autonomic Neuropathy in Research and Clinical Care. Invited Seminar Debate at the 20th Annual NEURODIAB Meeting, Stockholm, Sweden, September 2010
50. **Pop-Busui R:** Effects of Intensive Risk Factor Management on Measures of Neuropathy in Participants with Type 2 Diabetes enrolled in the Action to Control Cardiovascular Risk in Diabetes (ACCORD) Trial, the 20th Annual NEURODIAB Meeting, Stockholm, Sweden, September 2010
51. **Pop-Busui R:** Progression of Cardiovascular Autonomic Neuropathy in the Diabetes Control and Complications Trial/Epidemiology of Diabetes Intervention and Complications Study (DCCT/EDIC). Oral presentation at the 71<sup>st</sup> Annual Meeting of the American Diabetes Association Meeting, San Diego, CA, June 2011
52. **Pop-Busui R:** Cardiovascular Autonomic Neuropathy, Oxidative Stress and Lifestyle Intervention in Subjects with Metabolic Syndrome. Audio tour presented poster at the 71<sup>st</sup> Annual Meeting of the American Diabetes Association Meeting, San Diego, CA, June 2011
53. **Pop-Busui R:** Progression of Cardiovascular Autonomic Neuropathy in the Diabetes Control and Complications Trial/Epidemiology of Diabetes Intervention and Complications Study (DCCT/EDIC). Oral presentation at the 21<sup>st</sup> Annual NEURODIAB Meeting, Porto, Portugal, September 2011

54. **Pop-Busui R:** Risk Factor Control and Diabetic Neuropathy: Lessons from ACCORD. Invited Plenary Lecture at the Annual Meeting of the European Association for the Study of Diabetes (EASD), Lisbon, Portugal, September 2011
55. **Pop-Busui R:** Intensive Risk Factor Control and Diabetic Complications. Invited Plenary Lecture at the Annual Meeting of the Brazilian Diabetes Association Meeting, Brasilia, Brazil, October 2011
56. **Pop-Busui R:** Cardiovascular Autonomic Neuropathy in Diabetes. Invited Plenary Lecture at the Annual Meeting of the Brazilian Diabetes Association Meeting, Brasilia, Brazil, October 2011
57. **Pop-Busui R:** New Therapeutic Approach for Insulin Resistance and Inflammation. Invited Plenary Lecture at the Annual Meeting of the Brazilian Diabetes Association Meeting, Brasilia, Brazil, October 2011
58. **Pop-Busui R:** Left Ventricle Function and Sympathetic Innervation in Type 1 Diabetes. American Heart Association Annual Meeting, Orlando, FL, November 2011
59. **Pop-Busui R:** Impact of Glycemic Control Strategies on the Incidence of Diabetic Peripheral Neuropathy in the Bypass Angioplasty Revascularization Investigation 2 Diabetes (BARI 2D) Cohort: Oral presentation at the 72<sup>nd</sup> Annual Meeting of the American Diabetes Association Meeting, Philadelphia, PA, June 2012
60. **Pop-Busui R:** Autonomic Measurements and Cardiovascular Outcomes in Diabetes. Invited Plenary Lecture at the 72<sup>nd</sup> Annual Meeting of the American Diabetes Association Meeting, Philadelphia, PA, June 2012
61. **Pop-Busui R:** Peripheral Neuropathy in the SEARCH for Diabetes in Youth Cohort: A Pilot Study. Audio tour presented poster at the 72<sup>nd</sup> Annual Meeting of the American Diabetes Association Meeting, Philadelphia, PA, June 2012
62. **Pop-Busui R:** Cardiovascular Autonomic Neuropathy in the SEARCH for Diabetes in Youth Cohort: A Pilot Study. Audio tour presented poster at the 72<sup>nd</sup> Annual Meeting of the American Diabetes Association Meeting, Philadelphia, PA, June 2012
63. **Pop-Busui R:** Impact of Glycemic Control Strategies on the Incidence of Diabetic Peripheral Neuropathy in the Bypass Angioplasty Revascularization Investigation 2 Diabetes (BARI 2D) Cohort. Oral presentation at the 22<sup>nd</sup> Annual Meeting of the Annual Meeting of the Diabetic Neuropathy Study Group (NEURODIAB), Dresden, Germany, September 2012
64. **Pop-Busui R:** Peripheral Neuropathy in the SEARCH for Diabetes in Youth Cohort: A Pilot Study. Oral presentation at the 22<sup>nd</sup> Annual Meeting of the Annual Meeting of the Diabetic Neuropathy Study Group (NEURODIAB), Dresden, Germany, September 2012

65. **Pop-Busui R:** Cardiovascular Autonomic Neuropathy in the SEARCH for Diabetes in Youth Cohort: A Pilot Study. Audio tour presented poster at the 22<sup>nd</sup> Annual Meeting of the Annual Meeting of the Diabetic Neuropathy Study Group (NEURODIAB), Dresden, Germany, September 2012
66. **Pop-Busui R:** In vivo confocal evaluation of the corneas in patients with diabetes mellitus. Tour presented poster at the 22<sup>nd</sup> Annual Meeting of the Annual Meeting of the Diabetic Neuropathy Study Group (NEURODIAB), Dresden, Germany, September 2012
67. **Pop-Busui R:** Association between Impaired Cardiovascular Autonomic Function and Hypoglycemia in Patients with Type 1 Diabetes Mellitus. Poster presentation at the American Heart Association Annual Meeting, Los Angeles, California, November 2012
68. **Pop-Busui R:** Cardiovascular Autonomic Neuropathy, Myocardial Dysfunction and Cardiovascular Outcomes. The 2<sup>nd</sup> Annual D. Dan and Betty Kahn University of Michigan-Technion University Collaborative Cardiovascular Research Symposium, Haifa, Israel, December 2012
69. **Pop-Busui R:** Global Initiatives in Major Diabetes Clinical Trials. The 3<sup>rd</sup> Annual Meeting on Global Clinical Trials, Seoul, Korea, March 8, 2013
70. **Pop-Busui R:** Clinical implications of cardiovascular autonomic neuropathy in diabetes. Invited Plenary Lecture at the International Symposium Past, Present and Future in Diabetes Complications Research, Bucharest, Romania, May 2013
71. **Pop-Busui R:** Can We Cure Diabetic Neuropathies? Clinical Endpoints and Lessons from Clinical Trials. Invited Special Plenary Lecture at the 39<sup>th</sup> Annual Meeting of the Romanian Diabetes Society Meeting, Sibiu, Romania, May 2013
72. **Pop-Busui R:** Cardiovascular Autonomic Neuropathy and Erectile Dysfunction in Men with Type 1 Diabetes in the Diabetes Control and Complications Trial/Epidemiology of Diabetes Intervention and Complications Study (DCCT/EDIC). Oral presentation at the 73<sup>rd</sup> Annual Meeting of the American Diabetes Association Meeting, Chicago, IL, June 2013
73. **Pop-Busui R:** Glycemic Variability but Not Glycemic Exposure Predicts Lower Heart Rate Variability in Patients with type 1 diabetes. Oral presentation at the 73<sup>rd</sup> Annual Meeting of the American Diabetes Association Meeting, Chicago, IL, June 2013
74. **Pop-Busui R:** Identification of Factors Associated with Sural Nerve Regeneration and Degeneration in Diabetic Neuropathy. Audio tour presented poster at the 73<sup>rd</sup> Annual Meeting of the American Diabetes Association Meeting, Chicago, IL, June 2013
75. **Pop-Busui R:** Autonomic Neuropathy from Diagnosis to Treatment. Plenary symposium at the Brazilian Endocrine Meeting, Recife, Brazil, June 2013

76. **Pop-Busui R:** Peripheral Diabetic Neuropathy Treatment Update. Plenary symposium at the Brazilian Endocrine Meeting, Recife, Brazil, June 2013
77. **Pop-Busui R:** Cardiovascular Autonomic Neuropathy and Erectile Dysfunction in Men with type 1 diabetes in the Diabetes Control and Complications Trial/Epidemiology of Diabetes Intervention and Complications Study (DCCT/EDIC). Oral presentation at the 23<sup>rd</sup> Annual Meeting of the Annual Meeting of the Diabetic Neuropathy Study Group (NEURODIAB), Barcelona, Spain, September 2013
78. **Pop-Busui R:** Cardiovascular Autonomic Neuropathy and Lower Urinary Tract Symptoms in Men with Type 1 Diabetes. Annual Meeting of the European Association for the Study of Diabetes (EASD), Barcelona, Spain, September 2013
79. **Pop-Busui R:** Cardiovascular Autonomic Neuropathy from Diagnosis to Prognosis. State-of-the-Art lecture at the XIX Congress of the Brazilian Diabetes Society, Florianopolis, Brazil, October 2013
80. **Pop-Busui R:** Metabolic Syndrome and Diabetic Complications. State-of-the-Art lecture at the XIX Congress of the Brazilian Diabetes Society, Florianopolis, Brazil, October 2013
81. **Pop-Busui R:** Meet the Professors: Practical tips in diagnosis and treatment of autonomic neuropathies; at the XIX Congress of the Brazilian Diabetes Society, Florianopolis, Brazil, October 2013
82. **Pop-Busui R:** Left Ventricular Metabolism, Function and Sympathetic Innervation in Type 1 Diabetes. The Annual Meeting of the American Heart Association, Los Angeles, CA, November 2013
83. **Pop-Busui R:** Clinical Implications of the Autonomic Neuropathies. Invited Special Plenary Lecture at the 40<sup>th</sup> Annual Meeting of the Romanian Diabetes Society Meeting, Sibiu, Romania, May 2014
84. **Pop-Busui R:** New Insights on Diabetic Nephropathy. Invited Special Plenary Lecture at the 40<sup>th</sup> Annual Meeting of the Romanian Diabetes Society Meeting, Sibiu, Romania, May 2014
85. **Pop-Busui R:** How to Approach the Patient with Diabetic Neuropathy. Meet the Professors at the 74<sup>th</sup> Annual Meeting of the American Diabetes Association Meeting, San Francisco, CA, June 2014
86. **Pop-Busui R:** Diabetic Neuropathy and Urologic Complications in Men with Type 1 Diabetes in the Diabetes Control and Complications Trial/Epidemiology of Diabetes Intervention and Complications Study (DCCT/EDIC). Poster presentation at the 74<sup>th</sup> Annual Meeting of the American Diabetes Association Meeting, San Francisco, CA, June 2014

87. **Pop-Busui R:** Effects of Exenatide on Measures of Small Fiber Neuropathy in Patients with Type 2 Diabetes. Poster presentation at the 74<sup>th</sup> Annual Meeting of the American Diabetes Association Meeting, San Francisco, CA, June 2014
88. **Pop-Busui R:** Prevalence and Risk Factors of Cardiovascular Autonomic Neuropathy among Youth with Type 1 Diabetes: SEARCH Cohort Study. Audio presented Poster presentation at the 74<sup>th</sup> Annual Meeting of the American Diabetes Association Meeting, San Francisco, CA, June 2014
89. **Pop-Busui R:** Diabetic Neuropathy and Urologic Complications in Men with Type 1 Diabetes in the Diabetes Control and Complications Trial/Epidemiology of Diabetes Intervention and Complications Study (DCCT/EDIC). Oral presentation at the 24<sup>th</sup> Annual Diabetic Neuropathy Study Group (NEURODIAB) Meeting, Sopron, Hungary, September 2014
90. **Pop-Busui R:** Diabetic Neuropathy and Urologic Complications in Men with Type 1 Diabetes in the Diabetes Control and Complications Trial/Epidemiology of Diabetes Intervention and Complications Study (DCCT/EDIC). Oral presentation at the 50<sup>th</sup> Annual Meeting of the European Association for the Study of Diabetes (EASD), Vienna, Austria. September 2014
91. **Pop-Busui R:** Cardiac Autonomic Neuropathy in Type 1 Diabetes. NIH Workshop on Cardiovascular Disease and Type 1 Diabetes, NIH campus Bethesda, MD, October 2014
92. **Pop-Busui R:** Cardiovascular Autonomic Neuropathy and Cardiovascular Outcomes in Type 1 vs. Type 2 Diabetes- Lessons from Large Clinical Trials. Invited Plenary Lecture at the 2<sup>nd</sup> Congress in Diabetic Neuropathy and Diabetic Foot, Bucharest, Romania, October 2014
93. **Pop-Busui R:** Cardiovascular Autonomic Neuropathy and Cardiovascular Outcomes in Diabetes. Invited Plenary Lecture at the 2014 Cardiovascular Program Retreat of the Karolinska Institutet, Val Gard, Stockholm, Sweden, October 2014
94. **Pop-Busui R:** Diabetes Getting on your Nerves. Plenary Invited Lecture at the 97<sup>th</sup> Annual Meeting of the Endocrine Society. San Diego, CA, March 2015
95. **Pop-Busui R:** Diabetic Neuropathy an Unusual Suspect for Cardiovascular Risk. Invited Special Plenary Lecture at the 41<sup>st</sup> Annual Meeting of the Romanian Diabetes Society Meeting, Sibiu, Romania, May 2015
96. **Pop-Busui R:** Burden of Diabetic Peripheral Neuropathy among Pima Indians. Poster presentation at the 75<sup>th</sup> Annual Meeting of the American Diabetes Association Meeting, Boston, MA, June 2015

97. **Pop-Busui R:** Cardiovascular Autonomic Neuropathy and Coronary Artery Calcium in Type 1 Diabetes: The CACTI Study. Poster presentation at the 75<sup>th</sup> Annual Meeting of the American Diabetes Association Meeting, Boston, MA, June 2015.
98. **Pop-Busui R:** Longitudinal Changes of Sudomotor Function in Type 1 Diabetes (T1D). Poster presentation at the 75<sup>th</sup> Annual Meeting of the American Diabetes Association Meeting, Boston, MA, June 2015
99. **Pop-Busui R:** Cardiovascular Autonomic Neuropathy in Pima Indians with Diabetic Kidney Disease (DKD). Poster presentation at the 75<sup>th</sup> Annual Meeting of the American Diabetes Association Meeting, Boston, MA, June 2015
100. **Pop-Busui R:** Cardiovascular Autonomic Neuropathy in Pima Indians with Diabetic Kidney Disease (DKD). Invited Plenary Presentation at the 25<sup>th</sup> Annual Diabetic Neuropathy Study Group (NEURODIAB) Meeting, Elsinore, Denmark, September 2015
101. **Pop-Busui R:** Longitudinal Changes of Sudomotor Function in Type 1 Diabetes (T1D), Poster presentation at the 25<sup>th</sup> Annual Diabetic Neuropathy Study Group (NEURODIAB) Meeting, Elsinore, Denmark, September 2015
102. **Pop-Busui R:** Blood Pressure Variability in Subjects with Type 1 Diabetes (T1D). Poster presentation at the 25<sup>th</sup> Annual Diabetic Neuropathy Study Group (NEURODIAB) Meeting, Elsinore, Denmark, September 2015
103. **Pop-Busui R:** Cardiovascular Autonomic Neuropathy in Pima Indians with Diabetic Kidney Disease (DKD). Oral poster presentation at the 51<sup>th</sup> Annual Meeting of the European Association for the Study of Diabetes (EASD), Stockholm, Sweden, September 2015
104. **Pop-Busui R:** Cardiovascular and Other Autonomic Neuropathy in Diabetes- Clinical Pearls and Diagnostic Challenges. Plenary Invited Lecture at the 3<sup>rd</sup> Congress in Diabetic Neuropathy and Diabetic Foot, Bucharest, Romania, October 2015
105. **Pop-Busui R:** How to Treat the Pain Due to Diabetic Neuropathy: Facts and Controversies. Plenary Invited Lecture at the Annual Meeting of the Diabetes Technology Society, Bethesda, MD, October 2015
106. **Pop-Busui R:** Cardiovascular Autonomic Neuropathy in Diabetes. Plenary Invited Lecture at the 2nd International Conference on Interdisciplinary Management of Diabetes Mellitus and its Complications (InterDiab), Bucharest, Romania, March 3<sup>rd</sup>-5<sup>th</sup>, 2016
107. **Pop-Busui R:** How to Treat the Pain Due to Diabetic Neuropathy. Plenary Lecture at the 63<sup>rd</sup> Postgraduate Course of the American Diabetes Association, San Francisco, CA, March 5<sup>th</sup> 2016



108. **Pop-Busui R:** Diabetic Neuropathies. Invited Meet the Professors Plenary Sessions at the Centennial Annual Meeting of the Endocrine Society, April 1-4, Boston, MA, April 1-4, 2016
109. **Pop-Busui R:** How to Treat the Pain Due to Diabetic Neuropathy. Invited Plenary Session at the 42<sup>nd</sup> National Congress of the Romanian Society of Diabetes, Nutrition and Metabolic Diseases, Brasov, Romania, May 25-28, 2016
110. **Pop-Busui R:** Updates in type 1 diabetes and the artificial pancreas. Invited Plenary Session at the 42<sup>nd</sup> National Congress of the Romanian Society of Diabetes, Nutrition and Metabolic Diseases, Brasov, Romania, May 25-28, 2016
111. **Pop-Busui R:** Longitudinal changes in Measures of Cardiovascular Autonomic Neuropathy in Subjects with Type 1 Diabetes. Audio poster presentation at the 76<sup>th</sup> Annual Meeting of the American Diabetes Association, New Orleans, LA, June 10-14, 2016
112. **Pop-Busui R.** Association between Metabolic Biomarkers and Measures of Cardiovascular Autonomic Neuropathy in Subjects with Type 1 Diabetes. Poster presentation at the 76<sup>th</sup> Annual Meeting of the American Diabetes Association, New Orleans, LA, June 10-14, 2016
113. **Pop-Busui R:** Amputations are increasing and the Foot Clinics Are Bursting—What Can We Do? Is Early Diabetic Neuropathy Reversible? Invited symposia talk at the 76<sup>th</sup> Annual Meeting of the American Diabetes Association, New Orleans, LA, June 10-14, 2016
114. **Pop-Busui R:** Autonomic Neuropathy and Diabetes. Plenary Lecture and Invited Faculty at the 5<sup>th</sup> Annual Summer School of the Society for Diabetic Neuropathy (NEURODIAB), Sinaia, Romania, July 21-24, 2016
115. **Pop-Busui R:** What can we learn from Diabetic Neuropathy Clinical Trials. Plenary Lecture and Invited Faculty at the 5<sup>th</sup> Annual Summer School of the Society for Diabetic Neuropathy (NEURODIAB), Sinaia, Romania, July 21-24, 2016
116. **Pop-Busui:** Energy metabolism perturbations associate with measures of cardiovascular autonomic neuropathy (CAN) in Type 1 Diabetes (T1D) patients. Oral presentation at the 26<sup>th</sup> Annual Diabetic Neuropathy Study Group (NEURODIAB) Meeting, Bucharest, Romania, September 2016
117. **Pop-Busui R:** Cardiovascular autonomic neuropathy and cardiovascular outcomes in the DCCT/EDIC Study. Oral presentation at the 26<sup>th</sup> Annual Diabetic Neuropathy Study Group (NEURODIAB) Meeting, Bucharest, Romania, September 2016

118. **Pop-Busui R:** Cardiovascular autonomic neuropathy and cardiovascular outcomes in the DCCT/EDIC Study. Oral presentation at the 52<sup>nd</sup> Annual Meeting of the European Association for the Study of Diabetes (EASD), Munich, Germany, September 2016
119. **Pop-Busui R:** Diagnosis and Management of Diabetic Neuropathies. Meet the Professor at The Endocrine Society's 99<sup>th</sup> Annual Meeting, Orlando, Florida, April 2017
120. **Pop-Busui R:** Diabetic Autonomic Neuropathy. Invited Plenary Lecture. The 60<sup>th</sup> Annual Meeting of the Japan Diabetes Society, Nagoya, Japan, May 2017
121. **Pop-Busui R:** The New ADA Statement on Diabetic Neuropathy. Invited Plenary Session at the 43<sup>rd</sup> National Congress of the Romanian Society of Metabolic Disease, Nutrition, and Diabetes, Brasov, Romania, May 2017
122. **Pop-Busui R:** Gastroparesis: Diagnosis and Management (Case-Based Management of Neuropathies). Invited Lecture at the 77<sup>th</sup> Annual Meeting of the American Diabetes Association, San Diego, California, June 2017
123. **Pop-Busui R:** Diabetic Retinal Sensory Neuropathy Progression Predicts Cardiovascular Autonomic Neuropathy in Type 1 Diabetes. Oral Presentation at the 77<sup>th</sup> Annual Meeting of the American Diabetes Association, San Diego, California, June 2017
124. **Pop-Busui R:** Diabetic Peripheral Neuropathy is Associated with Coronary Artery Calcification in Adults with Type 1 Diabetes: CACTI (Coronary Artery Calcification in Type 1 Diabetes) Study. Poster Presentation at the 77<sup>th</sup> Annual Meeting of the American Diabetes Association, San Diego, California, June 2017
125. **Pop-Busui R:** Concurrent Diagnostic Validity of In Vivo Corneal Confocal Microscopy for the Diagnosis of Diabetic Polyneuropathy (DPN): A Pooled Multinational Analysis. Poster Presentation at the 77<sup>th</sup> Annual Meeting of the American Diabetes Association, San Diego, California, June 2017
126. **Pop-Busui R:** Cardiovascular Autonomic Neuropathy and Renal Function in Type 1 Diabetes Participants in the PERL (Preventing Early Renal Loss in Type 1 Diabetes) Trial. Poster Presentation at the 77<sup>th</sup> Annual Meeting of the American Diabetes Association, San Diego, California, June 2017
127. **Pop-Busui R:** Effects of Acute Glycemic Stress on Measures of Cardiovascular Autonomic Neuropathy in Type 1 Diabetes. Poster Presentation at the 77<sup>th</sup> Annual Meeting of the American Diabetes Association, San Diego, California, June 2017
128. **Pop-Busui R:** Role of Podiatry in Preventing Severe Diabetic Foot Complications. Audio Poster Presentation at the 77<sup>th</sup> Annual Meeting of the American Diabetes Association, San Diego, California, June 2017

129. **Pop-Busui R:** New ADA Statement on Diabetic Neuropathy Charts: Success and Guidance for Clinicians and Patients. Plenary Lecture and Invited Faculty at the 6<sup>th</sup> Annual Summer School of the Society for Diabetic Neuropathy (NEURODIAB), Sinaia, Romania, July 20-23, 2017
130. **Pop-Busui R:** Neural and Urologic Interplay in Diabetic Uropathy. Plenary Lecture and Invited Faculty at the 6<sup>th</sup> Annual Summer School of the Society for Diabetic Neuropathy (NEURODIAB), Sinaia, Romania, July 20-23, 2017
131. **Pop-Busui R:** In Situ Podiatry and Amputations Risk – A Michigan Experience. Plenary Lecture and Invited Faculty at the 6<sup>th</sup> Annual Summer School of the Society for Diabetic Neuropathy (NEURODIAB), Sinaia, Romania, July 20-23, 2017
132. **Pop-Busui R:** From Timisoara to Ann Arbor – My Journey in Fighting Diabetes and its Complications. Invited faculty and honorary lecturer. Vanderbilt University Medical Center NIDDK Medical Student Research Program, Nashville, Tennessee, August 2017
133. **Pop-Busui R:** Diabetic retinal sensory neuropathy progression predicts cardiovascular autonomic neuropathy in Type 1 diabetes. Poster presentation at the 27<sup>th</sup> Annual Diabetic Neuropathy Study Group (NEURODIAB) Meeting, Coimbra, Portugal, September 2017
134. **Pop-Busui R:** Acute Glycemic Changes and Measures of Cardiovascular Autonomic Function in Type 1 Diabetes. Oral Presentation at the 27<sup>th</sup> Annual Diabetic Neuropathy Study Group (NEURODIAB) Meeting, Coimbra, Portugal, September 2017
135. **Pop-Busui R:** Cardiovascular Autonomic Neuropathy and Renal Function in Participants in the Preventing Early Renal Loss in Type 1 Diabetes Trial. Poster presentation at the 27<sup>th</sup> Annual Diabetic Neuropathy Study Group (NEURODIAB) Meeting, Coimbra, Portugal, September 2017
136. **Pop-Busui R:** Association between indices of heart rate variability and metabolic syndrome in an adult Chinese population. Poster presentation at the 27<sup>th</sup> Annual Diabetic Neuropathy Study Group (NEURODIAB) Meeting, Coimbra, Portugal, September 2017
137. **Pop-Busui R:** Diabetes and Autonomic Neuropathy and an Update on the ADA Diabetic Neuropathy Position Statement. Plenary Lecture at the Diabetes and Diabetic Uropathy Symposium, Linthicum, Maryland, October 2017
138. **Pop-Busui R:** Update on the ADA Diabetic Neuropathy Position Statement. Plenary Lecture at the Diabetes and Diabetic Uropathy Symposium, Linthicum, Maryland, October 2017
139. **Pop-Busui R:** New ADA Statement on Diabetic Neuropathy Charts: Success and Guidance for Clinicians and Patients. Plenary Lecture and Invited Faculty at the 5<sup>th</sup> Annual Congress of the Society for Diabetic Neuropathy (NEURODIAB) and Diabetic Foot, Bucharest, Romania, October 2017

140. **Pop-Busui R:** In Situ Podiatry and Amputations Risk – A Michigan Experience. Plenary Lecture and Invited Faculty at the 5<sup>th</sup> Annual Congress of the Society for Diabetic Neuropathy (NEURODIAB) and Diabetic Foot, Bucharest, Romania, October 2017
141. **Pop-Busui R:** Cardiovascular Autonomic Neuropathy: What the clinician should know. Plenary Lecture and Invited Faculty at the 21<sup>st</sup> Congress of Brazilian Diabetes Society, Sao Paulo, Brazil, November 2017
142. **Pop-Busui R:** Translating the diabetic neuropathy evidence-based info clinical practice: ADA 2017 guidelines. Plenary Lecture and Invited Faculty at the 21<sup>st</sup> Congress of Brazilian Diabetes Society, Sao Paulo, Brazil, November 2017
143. **Pop-Busui R:** Multiple diabetic complications: how to approach and treat hyperglycemia (lessons from University of Michigan clinical practice). Meet the Professor at the 21<sup>st</sup> Congress of Brazilian Diabetes Society, Sao Paulo, Brazil, November 2017
144. **Pop-Busui R:** 17<sup>th</sup> National Workshop on Neuropathy and Diabetic Foot - Cardiovascular Autonomic Neuropathy: What the clinician should know? Invited Faculty at the 21<sup>st</sup> Congress of Brazilian Diabetes Society, Sao Paulo, Brazil, November 2017
145. **Pop-Busui R:** 17<sup>th</sup> National Workshop on Neuropathy and Diabetic Foot - Difficult clinical cases of neuropathy: discussion. Invited Faculty at the 21<sup>st</sup> Congress of Brazilian Diabetes Society, Sao Paulo, Brazil, November 2017
146. **Pop-Busui R:** Type 2 diabetes therapy: stepwise intensification. Invited Special Plenary Lecture at the 44<sup>th</sup> Annual Meeting of the Romanian Diabetes Society Meeting, Bucharest, Romania, May 2018
147. **Pop-Busui R:** Perspectives in diabetes complications. Invited Special Plenary Lecture at the 44<sup>th</sup> Annual Meeting of the Romanian Diabetes Society Meeting, Bucharest, Romania, May 2018
148. **Pop-Busui R:** What is known/unknown about cardiac autonomic neuropathy. Invited Plenary Lecture at the International Diabetic Neuropathy Consortium Annual Meeting 2018, Aarhus, Denmark, June 2018
149. **Pop-Busui R:** A genetic locus on chromosome 2q24 predicting peripheral neuropathy risk in Type 2 Diabetes. Oral Presentation at the 78<sup>th</sup> Meeting of the American Diabetes Association, Orlando, Florida, June 2018
150. **Pop-Busui R:** Contemporary Prevalence of Diabetic Neuropathy in Type 1 Diabetes (T1D) – Findings from the T1D Exchange. Oral Presentation at the 78<sup>th</sup> Meeting of the American Diabetes Association, Orlando, Florida, June 2018
151. **Pop-Busui R:** Risk of Foot Ulcer and Lower Extremity Amputation among Participants in the Diabetes Control and Complications Trials/Epidemiology of Diabetes Intervention and

Complications Study (DCCT/EDIC). Oral Presentation at the 78<sup>th</sup> Meeting of the American Diabetes Association, Orlando, Florida, June 2018

152. **Pop-Busui R:** Disease specific examination in diabetic neuropathy. Plenary Lecture and Invited Faculty at the 7<sup>th</sup> Annual Summer School of the Society for Diabetic Neuropathy (NEURODIAB), Sinaia, Romania, July 18-21, 2018
153. **Pop-Busui R:** Steps to translate findings from the bench (molecule or device discovery) into new clinical trials. Plenary Lecture and Invited Faculty at the 7<sup>th</sup> Annual Summer School of the Society for Diabetic Neuropathy (NEURODIAB), Sinaia, Romania, July 18-21, 2018
154. **Pop-Busui R:** Risk factors for the presence and the progression of cardiovascular autonomic neuropathy in Type 2 Diabetes: Addition-Denmark. Oral Presentation at the 28<sup>th</sup> Annual Diabetic Neuropathy Study Group (NEURODIAB) Meeting Italy, September 2018
155. **Pop-Busui R:** Cardiovascular Autonomic Neuropathy and Serum Uric Acid: Preventing Early Renal Loss in Type 1 Diabetes (PERL) Trial. Oral Presentation at the 28<sup>th</sup> Annual Diabetic Neuropathy Study Group (NEURODIAB) Meeting, Rome, Italy, September 2018
156. **Pop-Busui R:** Contemporary Prevalence of Diabetic Neuropathy in Type 1 Diabetes (T1D) Findings from the T1D Exchange. Oral Presentation at the 28<sup>th</sup> Annual Diabetic Neuropathy Study Group (NEURODIAB) Meeting, Rome, Italy, September 2018
157. **Pop-Busui R:** Autonomic Neuropathy in Diabetes and Cardiovascular Disease. Invited Faculty at NIH/NIDDK The Autonomic Nervous System: Role in the Regulation of Peripheral Metabolism and Pathophysiology of Metabolic Disease, Bethesda, Maryland, September 2018
158. **Pop-Busui R:** Diabetes Management Through the Decade: Focus on Neuropathy and Retinopathy. Plenary Lecture and Invited Faculty at the 2018 International Diabetes Center Rising Stars Program, Berlin, Germany, September 29, 2018
159. **Pop-Busui R:** Chronic kidney disease and risk of mortality, cardiovascular events and severe hypoglycaemia in type 2 diabetes: DEVOTE results. Oral presentation at the 54<sup>th</sup> Annual Meeting of the European Association for the Study of Diabetes (EASD), Berlin, Germany, October 2018
160. **Pop-Busui R:** A 21<sup>st</sup> century approach to diabetic autonomic neuropathies. Plenary Lecture and Invited Faculty at the 54<sup>th</sup> Annual Meeting of the European Association for the Study of Diabetes (EASD), Berlin, Germany, October 2018

161. **Pop-Busui R:** Trends in Macrovascular Complications. Plenary Lecture at the International Steno Diabetes Center Symposium, Toronto, Ontario, Canada, November 2018
162. **Pop-Busui R:** Patient Cases- Interactive Problem Solving using Diabetes Technologies. Plenary Talk at Endocrine University, Rochester, Minnesota, March 2019
163. **Pop-Busui R:** What's New in Diabetic Neuropathies-A Case Based Discussion. Meet the Professors at the Annual Endocrine Society Meeting, New Orleans, Louisiana, March 2019
164. **Pop-Busui R:** How Should the Busy Clinicians Diagnose Autonomic Neuropathy and Why Should They? Plenary Symposia Presentation at the American Diabetes Association 79<sup>th</sup> Scientific Sessions, San Francisco, CA, June 2019
165. **Pop-Busui R:** Associations between Heart Rate, Glycemia, and A1c Levels: Poster Presentation at the American Diabetes Association 79<sup>th</sup> Scientific Sessions, San Francisco, CA, June 2019.
166. **Pop-Busui R:** A Genetic Locus on Chromosome 1p36 Associated with Cardiovascular Autonomic Neuropathy in Type 2 Diabetes: Oral and Poster Presentations at the American Diabetes Association 79th Scientific Sessions, San Francisco, CA, June 2019.
167. **Pop-Busui R:** Autonomic Neuropathy in Type 1 Diabetes (T1D): Findings from the T1D Exchange: Poster Presentation at the American Diabetes Association 79th Scientific Sessions, San Francisco, CA, June 2019.
168. **Pop-Busui R:** Prediction of Future Neuropathy Onset Using Corneal Confocal Microscopy: A Longitudinal Multinational Consortium Study Oral Presentation at the American Diabetes Association 79th Scientific Sessions, San Francisco, CA, June 2019.
169. **Pop-Busui R:** Risk Factors for Peripheral and Cardiovascular Autonomic Neuropathy in Type 1 Diabetes: Thirty Years of Follow-Up in DCCT/EDIC: Poster Presentation at the American Diabetes Association 79th Scientific Sessions, San Francisco, CA, June 2019.
170. **Pop-Busui R:** Why is Heart Failure Still an Underappreciated Complication of Diabetes?: Plenary Presentation Debate at the American Diabetes Association 79th Scientific Sessions, San Francisco, CA, June 2019.
171. **Pop-Busui R:** Common Practices That Do Not Make Sense- Dilemmas in Diabetic Foot Management: Plenary Presentation at the Best of ADA 2019, Madrid, Spain, 5 July 2019.
172. **Pop-Busui R:** What You Absolutely Need to Know About Diabetic Neuropathies to Apply Personalized Care to Your Patients in 2019: Plenary Presentation at the Best of ADA 2019, Madrid, Spain, 6 July 2019.

173. **Pop-Busui R:** New Trends in the Epidemiology of Diabetic Neuropathy. Plenary Lecture and Invited Faculty at the 8<sup>th</sup> Annual Summer School of the Society for Diabetic Neuropathy (NEURODIAB), Sinaia, Romania, July 14-16, 2019.
174. **Pop-Busui R:** What physicians absolutely need to know about the screening and diagnosis of Diabetic Autonomic Neuropathies. Plenary Lecture and Invited Faculty at the 8<sup>th</sup> Annual Summer School of the Society for Diabetic Neuropathy (NEURODIAB), Sinaia, Romania, July 14-16, 2019.
175. **Pop-Busui R:** How to approach the management of painful diabetic neuropathy. Plenary Lecture and Invited Faculty at the 8<sup>th</sup> Annual Summer School of the Society for Diabetic Neuropathy (NEURODIAB), Sinaia, Romania, July 14-16, 2019.
176. **Pop-Busui R:** Risk Factors for Peripheral and Cardiovascular Autonomic Neuropathy in Type 1 Diabetes: Thirty Years of Follow-Up in DCCT/EDIC: Oral Invited Presentation at the 29<sup>th</sup> Annual Diabetic Neuropathy Study Group (NEURODIAB) Meeting, Sitges, Spain, September 2019.
177. **Pop-Busui R:** Autonomic Neuropathy in Type 1 Diabetes (T1D): Findings from the T1D Exchange: Poster Presentation at the Annual Meeting of the European Association for the Study of Diabetes (EASD), Barcelona, Spain, September 2019.
178. **Pop-Busui R:** Risk Factors for Peripheral and Cardiovascular Autonomic Neuropathy in Type 1 Diabetes: Thirty Years of Follow-Up in DCCT/EDIC: Oral Presentation at the 55<sup>th</sup> Annual Meeting of the European Association for the Study of Diabetes (EASD), Barcelona, Spain, September 2019.
179. **Pop-Busui R:** Associations between Heart Rate, Glycemia, and A1c Levels: Poster Presentation at the 55<sup>th</sup> Annual Meeting of the European Association for the Study of Diabetes (EASD), Barcelona, Spain, September 2019.
180. **Pop-Busui R:** Diabetic Neuropathy: Translating New Evidence into Personalized Care: Oral Presentation at the 7<sup>th</sup> National Congress of Diabetic Neuropathy and Diabetic Foot, Bucharest, Romania, October 11, 2019.
181. **Pop-Busui R:** Cardiovascular Autonomy Neuropathy: Workshop Leader at the Brazilian Society for Diabetes Meeting, Natal, Brazil, October 17, 2019.
182. **Pop-Busui R:** Autonomic Neuropathies: implications for clinical practice: Panelist at the Brazilian Society for Diabetes Meeting, Natal, Brazil, October 17, 2019.
183. **Pop-Busui R:** Cardiovascular autonomic neuropathy: how to investigate and treat: Oral Presentation at the Brazilian Society for Diabetes Meeting, Natal, Brazil, October 17, 2019.

184. **Pop-Busui R:** Meet the professor 2- Hypoglycaemia and cardiovascular implications Oral Presentation at the Brazilian Society for Diabetes Meeting, Natal, Brazil, October 18, 2019
185. **Pop-Busui R:** Painful and Painless Diabetic Neuropathy. Oral Presentation at the Diabetic Lower Extremity Symposium, Cambridge, Massachusetts. November 7, 2019.
186. **Pop-Busui R:** Clinical phenotyping and outcomes of diabetic neuropathy: Oral Presentation at the IDNC Annual meeting for Diabetic Neuropathy and related Comorbidities, Aarhus, Denmark, November 8, 2019.
187. **Pop-Busui R:** Strategies to Reduce Severe Diabetic Foot Infections during Epidemics: Invited Plenary Symposia Presentation at the American Diabetes Association 80th Scientific Sessions, Virtual Format, June 13, 2020.
188. **Pop-Busui R:** Clinical Management of Diabetic Neuropathies in 2020: Session Chair at the American Diabetes Association 80th Scientific Sessions, Virtual Format, June 13, 2020.
189. **Pop-Busui R:** Effects of Intensive Risk Factor Management on Cardiovascular Autonomic Neuropathy in Type 2 Diabetes: Findings from the ACCORD Trial. Oral Presentation at the American Diabetes Association 80th Scientific Sessions, Virtual Format, June 13, 2020.
190. **Pop-Busui R:** The Diabetes and Cardiovascular Interest Group. Session Chair and Moderator of Discussions Excess Heat Failure and Cardiovascular Risk in Women with Diabetes at the American Diabetes Association 80th Scientific Sessions, Virtual Format, June 14, 2020.
191. **Pop-Busui R:** Poor Oral Health Predicts Progression of Diabetic Neuropathy. Poster Presentation at the American Diabetes Association 80th Scientific Sessions, Virtual Format, June 2020.

## **PATENTS**

*Submitted Fall 2011:*

File #4984 “Tools for Making Informed Decisions on the Management of Patient Insulin”

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3. Sporea I, **Pop-Busui R**, Goldis A. Ultrasonographic assessment of gastric emptying in patients with diabetic autonomic neuropathy. Romanian Journal of Gastroenterology. 1994, 8:121-123.
4. Bacanu GH, **Pop-Busui R**, Serban V, Timar R. Arterial hypertension and diabetes mellitus. Romanian Revue of Modern Medicine. 1996, 9:7-13.
5. **Pop-Busui R**, Chey W, Stevens MJ. Severe Hypertension Induced by the Long-Acting Somatostatin Analogue Sandostatin LAR in a Patient with Diabetic Autonomic Neuropathy. Journal of Clinical Endocrinology & Metabolism. 2000 Mar; 85(3):943-946. PMID:10720019
6. **Pop-Busui R**, Sullivan KA, Van Huysen C, Bayer L, Cao X, Towns R, Stevens MJ. Depletion of taurine in experimental diabetic neuropathy: implications for nerve metabolic, vascular and functional deficits. Exp Neurol. 2001 Apr; 168(2):259-72. PMID:11259114
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- Comment 1:** An editorial regarding this manuscript was published in Circulation. 2009, 9:119(22):2886-93.
- Comment 2:** This paper was also highlighted under the Research Highlights section of Nature Reviews/Cardiology. 2009, Vol 6:496.
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