Publications:

**Overnight glucose control in people with type 1 diabetes**  
Publication: Research - peer-review › Journal article – Annual report year: 2018

**Adaptive control in an artificial pancreas for people with type 1 diabetes**  
Publication: Research - peer-review › Journal article – Annual report year: 2016

**Assessment of Model Predictive and Adaptive Glucose Control Strategies for People with Type 1 Diabetes**  
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

**Predicting Plasma Glucose From Interstitial Glucose Observations Using Bayesian Methods**  
Publication: Research - peer-review › Journal article – Annual report year: 2014

**Clinical Data for Advanced Glucose Modeling**  
Publication: Research › Report – Annual report year: 2013

**Exercise effects in a virtual type 1 diabetes patient: Using stochastic differential equations for model extension**  
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2013

**Model-Based Closed-Loop Glucose Control in Type 1 Diabetes: The DiaCon Experience**  
Publication: Research - peer-review › Journal article – Annual report year: 2013

**Model Identification Using Stochastic Differential Equation Grey-Box Models in Diabetes**  
Publication: Research - peer-review › Journal article – Annual report year: 2013

**Modelling the Effect of Exercise on Insulin Pharmacokinetics in "Continuous Subcutaneous Insulin Infusion" Treated Type 1 Diabetes Patients**  
Publication: Research › Report – Annual report year: 2013

**Stochastic Differential Equations in Artificial Pancreas Modelling**  
Publication: Research › Ph.D. thesis – Annual report year: 2013

**Subdural to subgaleal EEG signal transmission: The role of distance, leakage and insulating affectors**  
Publication: Research - peer-review › Journal article – Annual report year: 2013

**Computational Methods for Model Predictive Control: New Opportunities for Computational Scientists**  
Publication: Research › Sound/Visual production (digital) – Annual report year: 2012

**Control of Blood Glucose for People with Type 1 Diabetes: an In Vivo Study**  
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

**Control of Blood Glucose for People with Type 1 Diabetes: an In Vivo Study**  
Publication: Research › Sound/Visual production (digital) – Annual report year: 2012

**Effects of Everyday Life Events on Glucose, Insulin, and Glucagon Dynamics in Continuous Subcutaneous Insulin Infusion–Treated Type 1 Diabetes: Collection of Clinical Data for Glucose Modeling**  
Publication: Research - peer-review › Journal article – Annual report year: 2012
Overnight Control of Blood Glucose in People with Type 1 Diabetes
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Tuning of Controller for Type 1 Diabetes Treatment with Stochastic Differential Equations
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Clinical evaluation of 3D/3D MRI-CBCT automatching on brain tumors for online patient setup verification - A step towards MRI-based treatment planning
Publication: Research - peer-review › Journal article – Annual report year: 2010

DiaCon: an interdisciplinary approach to diabetes control
Publication: Research - peer-review › Poster – Annual report year: 2009

Projects:

Stokastisk dynamisk modellering til kort-tidsregulering af glukose/insulin-metabolismen
Project: PhD