



Botnar Research
Centre for
Child Health

The Botnar Research Centre for Child Health: Digital-based healthcare solutions and novel therapies for children and adolescents worldwide

According to the World Health Organization (WHO), more than 5 million children under the age of 5 die every year. Many of these deaths could be averted with appropriate preventive measures and adequate therapies. In order to develop innovative approaches to efficient and safe digital-based healthcare solutions and novel therapies for children and adolescents worldwide, the University of Basel and the ETH Zurich in 2018 jointly founded the [Botnar Research Centre for Child Health \(BRCCH\)](#) with generous support by Basel-based Fondation Botnar.

The goal of the BRCCH is to establish an ecosystem of outstanding expertise in the fields of health research and health technology. Thus, the BRCCH is pleased to announce its first Multi-Investigator Projects (MIPs) and the start of its research activities to improve the health and well-being of children and adolescents. At the end of a rigorous three-stage evaluation process in 2019, the independent international review panel recommended four research projects for funding and the BRCCH Board followed this recommendation. The researchers will start their MIP projects in 2020. Please see our website brc.ch for additional information.



University
of Basel

ETHzürich

Supported by Fondation Botnar

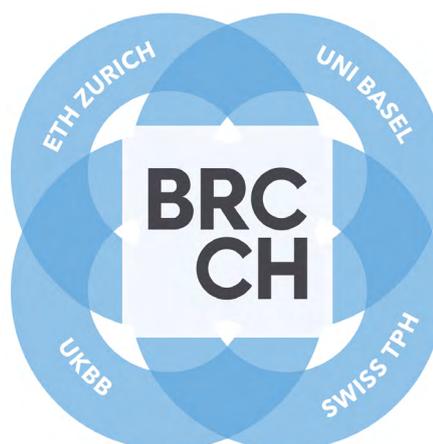
Four Multi-Investigator Projects

- Dr Andreas Mueller (project leader): “Burden-Reduced Cleft Lip and Palate Care and Healing“
- Prof Emma Wetter Slack (project leader): “Precision Microbiota Engineering for Child Health“
- Prof Randall Platt (project leader): “Living Microbial Diagnostics to Enable Individualized Child Health Interventions“
- Prof Günther Fink (project leader): “Digital Support Systems to Improve Child Health and Development in Low-Income Settings“

The BRCCH-Network

BRCCH connects four major swiss institutions: The University of Basel, ETH Zürich, Swiss TPH and the University Children’s Hospital Basel (UKBB).

Each of these partners contribute their complementary expertise and network to BRCCH researchers in order to develop new approaches for child and adolescent health.



Development of the BRCCH

The idea of the BRCCH was developed in 2018 by Fondation Botnar, the University of Basel and ETH Zurich. Various partners and institutions participated in designing the concept. Supported by the generous contribution of the Fondation Botnar for initially ten years, the University of Basel and ETH Zurich co-founded the BRCCH and operations began in early 2019.

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