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## EXPERIENCE

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05.2020 – present    **Wissenschaftliche Mitarbeiterin (Scientist)** at the Clinic of Gastroenterology and Hepatology, University Hospital Zürich

08.2019 – 04.2020    **Clinical Scientist** at ARTIDIS AG, Team Quality and Clinical Operations

## EDUCATION

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2015 – 2019            International PhD Program in Biomedicine, University of Basel (*summa cum laude*)

2011 – 2013            Visiting Graduate Student, University of Virginia

2007 – 2013            Master's Degree in Molecular Biology, University of Gdansk

## SELECTED PUBLICATIONS

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**Szczerba BM** et.al. *Neutrophils Escort Circulating Tumor Cells to Enable Cell Cycle Progression*. Nature (2019)

Gkountela S, Castro-Giner F, **Szczerba BM** et.al. *Circulating Tumor Cell Clustering Triggers DNA Methylation Changes that Enable Metastasis Seeding*. Cell (2019)

Padmanaban V, Krol I, Suhail Y, **Szczerba BM** et.al. *E-cadherin is an invasion suppressor, survival factor, and metastasis promoter across multiple models of breast cancer*. Nature (2019)

## HONORS AND AWARDS

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International Birnstiel Award - Honourable mentions (2019)

Bruno Speck Award for clinically oriented research (2019)

Charles Rodolphe Brupbacher Young Investigator Award (2019)

Nancy Hynes Award at 'Personalized Breast Cancer Treatments' meeting (2018)

## PATENT APPLICATIONS

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Inhibitors of bone resorption for treatment of metastasis. EP17206492

Suppression of metastasis by targeting CTC-neutrophil clusters. EP19150179

## ADDITIONAL INFORMATION

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Advanced Clinical Project Management, ECCRT (2021)

Good Clinical Practice at Swiss Tropical and Public Health Institute, Basel (2019)

Innosuisse start-up training Module 2: Business Concepts (2019)

Coordinator at Basel Breast Consortium (2016 - 2018)