



Julian Louis Muff

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Bio

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I am a Research Scholar in the Division of Pediatric Surgery, currently pursuing my MD-PhD at the University Children's Hospital of Basel in Switzerland. I am actively engaged in research at the Dunn lab, focusing on innovative approaches to investigate tissue regeneration in the small intestine.

My research involves examining the impact of helminth-mediated tissue adaptation and partial obstruction induced changes on the tissue health and regenerative potential of the small intestine. To achieve this, I employ a combination of genetic mouse models, surgical techniques, and cutting-edge three-dimensional imaging. My primary interest lies in the translational potential of these findings for treating short bowel syndrome, a devastating condition that particularly affects pediatric patients.

Outside of my academic pursuits, I spend my free time exploring the Bay Area, whether on foot, bike, or using public transport.