



## Dra. Ximena Bonilla Bustillo

### Professional and Research Experience

2021-current Manager, Tertiary Analysis Research. SOPHiA genetics, Switzerland

2018-2021 Post-doctoral researcher, Cancer genomics. Laboratory of Prof. Gunnar Rätsch. ETH Zürich, Switzerland

2018 Variant interpretation specialist. University Hospital, Universidad Autónoma de Nuevo León, México

2011-2016 Research assistant. Laboratory of Prof. Stylianos E. Antonarakis. University of Geneva, Switzerland Clinical Experience

2008-2009 Primary Care Physician. IMSS, Piedra Blanca rural medical unit, Arteaga México

2007-2008 Medical Intern. University Hospital, Universidad Autónoma de Coahuila, Saltillo México

### Teaching experience

2020 Teaching assistant. Data Science For Medicine (Bachelor of Medicine). ETH Zürich, Switzerland

2018 Course coordinator. Medical genomics for non-genetics medical residents. UANL, Monterrey, México

2011-2015 Supervised and mentored visiting students in the Antonarakis lab. University of Geneva, Switzerland

2004-2007 Surgery laboratory instructor. UAdeC, Saltillo, Coahuila México

### Education

2010-2016 Ph.D. in Human Genetics mention très bien (highest honor). University of Geneva Medical School Thesis title: " Genomic characterization of basal cell carcinoma of the skin" Advisor: Prof. Stylianos E. Antonarakis

2009-2010 M.Sc. in Medical Genetics with Distinction (highest honor). University of Glasgow, Scotland, UK

2002-2009 M.D. (Class rank #6). Universidad Autónoma de Coahuila (UAdeC), Saltillo, Coahuila México. Professional license number: 6538702

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