

Isabel Romero Calvo

Biomedical Illustrator

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Education

- 2016-2019 **MS, Biomedical Visualization.** University of Illinois at Chicago, Chicago, IL.
Research project: *Visual Data Impact on Comprehension and Perception of Educational Animations for Biomedical Researchers*
- Dec 2013 **PhD, Biochemistry and Molecular Biology,** School of Pharmacy. University of Granada, Spain
Thesis: Modulation of ion transport in inflammatory bowel diseases: regulatory *targets*, delivered with maximum qualification (Cum Laude)
- 2009 **Master Thesis,** School of Pharmacy. University of Granada, Spain
- 2007 **BS, Pharmacy,** School of Pharmacy. University of Granada, Spain
- 2015-2018 **Drawing Classes.** Vitruvian Fine Art Studio, Chicago, IL
Instructors: David Jamieson and Melinda Whitmore

Work Experience

- 2019-Present **Founder and Creative Director of Morphology LLC,** Illinois; US
- 2017-Present **Scientific Consultant, Organoid Specialist,** Tempus Lab, Illinois; US
- 2015-2018 **Biomedical Researcher,** Chicago Pancreatic Cancer Initiative, Department of Medicine, The University of Chicago, Dr.White Lab, Illinois; US
- 2014-2015 **Postdoctoral Scholar,** The University of Chicago, Department of Pathology, Dr. J.R. Turner Lab, Illinois; US

Published Illustrations

- 2019 **Cover for Small Journal,** December 2019, Vol 15, No. 1
- 2019 **Cover for The American Journal of Bioethics,** January 2019, Vol 19, No. 1
- 2018 **Cover for Northwestern Public Health Review,** Fall issue
- 2017 **Cover Genomic Research Cover,** March 2017, volume 27, Number 3
- 2016 **Blog illustrator,** John Hopkins Biomedical Odyssey Blog, *John Hopkins*

Exhibitions

- 2020 7th Edition of Ilustraciencia, National Museum of Natural Science, *Madrid, Spain*
- 2019-2017 Annual Student Association of Medical Artists Art Show, International Museum of Surgical Science, *Chicago, IL*
- 2019 Association of Medical Illustrators Annual Meeting Student Salon, *Milwaukee, WI*
- 2018 Association of Medical Illustrators Annual Meeting Student Salon, *Newton, MA*
- 2018 Art & Sci Expo, *The University of Chicago, IL*

Skills & Techniques

Traditional media:

- Pencil
- Pen & Ink
- Watercolor
- Photography

Digital skills:

- Adobe Creative Suite
- Microsoft Office
- Autodesk: 3DStudio Max, Mudbox
- Pixologic ZBrush
- Corel Painter
- OsyriX
- Materialise Mimics
- VMD
- HTML5, CSS

Languages

Spanish
English

Fellowships & Awards

- 2019 **Finalist on 7th Edition of Ilustraciencia**, Spain
- 2019 **Honorable Mention Vesalius Trust Poster Symposium**, The Vesalius Trust.
- 2019 **Research Grant Award**, The Vesalius Trust for Visual Communication in the Health Sciences.
- 2019 **e-Learner Designer Intern at Medline**, Chicago; IL.
- 2009-2013 **National Predoctoral Fellow** of the Ministry of Science and Technology. Department of Biochemistry & Molecular Biology, University of Granada; Spain.
- 2013 **Predoctoral Fellowship**, Department of Gastroenterology & Hepatology, Erasmus University Medical Center, Rotterdam; the Netherlands.
- 2012 **Predoctoral Fellowship**, Department of Gastroenterology, Hepatology & Endocrinology, Hannover Medicine School, Hannover; Germany.
- 2010 **Predoctoral fellowship**, Department of Medicine, Johns Hopkins University, Baltimore; US.

Selected Scientific Publications (3 of 20)

- 2019 *Human Organoids Share Structural and Genetic Features with Primary Tumor*. Romero-Calvo, I et al. Molecular Cancer Research, 2019 Jan;17(1):70-83
- 2018 *Adenylyl Cyclase 6 is involved in the hyposecretory status of experimental colitis*. Romero-Calvo, I et al. Pflugers Arch.
- 2014 *The Role of Molecular Remodeling in Differential Regulation of Tight Junction Permeability*. Turner JR, Buschmann MM, Romero-Calvo I, Sailer A, Shen L. Semin Cell Dev Biol
Google Scholar page: scholar.google.com/citations?hl=en&view_op=list_works&vqmla=AJsN-F5W4LOCT2YZTJvsC6C5de7ikM14Yvlhcd4vgr0orE4allmTCypIA02VSXHsw3zX_D0vZPr8o2v3x29PbgCOSdXRNa-aQ&user=IOBlpMAAAAAJ

Poster & Oral Presentations

- Oral Presentations A total of 11 International Oral Communications, including the American Medical Association, *Pillars of Color Use in Scientific Data Communication*, Milwaukee, WI.
- Poster Presentations A total of 30 abstracts in international meetings, including the American Medical Association, American Gastroenterology Association, and American Association for Cancer Research.

Teaching Experience

- 2019-Present **Clinical Assistant Professor**, Biomedical Visualization Graduate Program, UIC. Chicago, IL
- 2019 **Teaching Assistant**, BVIS 560, Molecular Pharmacology, BVIS, UIC. Chicago, IL
- 2018 **Teaching Assistant**, BioS, Biology of Population and Communities, UIC. Chicago, IL
- 2011-2014 **Teaching Assistant**, Biochemistry laboratory. School of Pharmacy, University of Granada, Spain

Affiliations

- 2017-Present Association of Medical Illustrators (AMI), Student member, Volunteer in Membership Committee
- 2016-Present Student Association of Medical Artists (SAMA)
- 2016-Present American Association of Cancer Research (AACR)