

Consiglia Longobardi

Project title: *Uremic toxins in severe combined immunodeficiency due to adenosine deaminase deficiency (ADA-SCID): the role of gut-kidney axis*

Duration	3 months
Short Bio	<i>PhD student in Medical Clinical and Experimental Sciences. The primary topic of the attended PhD program was the study of the gut-kidney axis.</i>
Home Institution	University of Campania "Luigi Vanvitelli"
Host institution	Ghent University/Ghent University Hospital
Project description	<i>The aim of this project was to investigate the Uremic Toxins (UTs) in the sera of Severe combined immune deficient (SCID) homozygous mice (Ada^{-/-}), that have been shown to recapitulate many features associated with ADA deficiency in humans, including combined immunodeficiency.</i>
Personal statement	<i>This fellowship broadened my knowledge of rare diseases and provided me with the opportunity to acquire a new technique that would be useful in my future studies, as this technique may be applied to a wide range of research fields. I would extend my gratitude to home institution, host institution and the EJP RD fellowship exchange organization for providing me with this rewarding experience.</i>