Léa Bouché joined the group of H.-U. Reissig at the Freie Universität Berlin for a thesis on the synthesis of enantiopure oxepanes as mime of multivalent carbohydrates, after obtaining a master's degree in organic and bio-organic chemistry at the Pierre & Marie Curie University in Paris. A first academic postdoc in collaboration with the Charité Hospital was followed by an industrial postdoc in the medicinal chemistry department of Bayer Pharma. Her position as head of the laboratory allowed her to explore multiple projects in the field of oncology over a period of six years where her contributions were focused on epigenetic targets. During this period, she participated in the "donated chemical probes" platform of Bayer in collaboration with the SGC (structural genomics consortium). Since March 2021, Léa joined the pRED (pharma research and early development) of F. Hoffmann-La Roche AG in Basel (Switzerland) where she is working as principal scientist.