

Prof. Alessandra Schneider Henn is a Professor in the Department of Chemistry (DQ) at the Federal University of Minas Gerais (UFMG). She is a member of the Brazilian Chemical Society (SBQ) and of the Young Researchers Committee (JP-SBQ). She holds degrees in Chemistry (2015) and Industrial Chemistry (2022), as well as a Master's degree in Chemistry (2017) and a PhD in Sciences (2021), in Analytical Chemistry, from the Federal University of Santa Maria (UFSM). She was a CAPES scholarship holder (2013–2015) within the Science Without Borders program at Freie Universität Berlin, Germany. She completed a sandwich PhD (2019–2020) at Ghent University (Belgium), funded by CAPES under the Institutional Internationalization Program CAPES-PrInt. She worked as a volunteer professor (2021–2022 and 2023–2024) in the Department of Chemistry at UFSM and as a substitute professor (2022–2023) in the Department of Chemistry at the Federal University of Technology - Paraná. She was also a visiting researcher (2023–2024) in the Petroleum Processing and Biofuels Human Resources Training Program – PRH 52.1, in the Department of Chemical Engineering at UFSM. Her research focuses on the development of sample preparation methods for the determination of metals and halogens using spectrometric (AAS, ICP-OES, ICP-MS), chromatographic (LC and GC), and potentiometric techniques. She has experience in direct solid analysis techniques (ETV-ICP-MS and LA-ICP-MS), as well as in isotopic analysis using high-resolution ICP-MS (HR-ICP-MS) and multicollector ICP-MS (MC-ICP-MS).