Lifelines

Elizete Baggio graduated in Chemistry from the University of Caxias do Sul - Brazil (2011). Master in Process and Technology Engineering, also from the University of Caxias do Sul (2017). She has experience in education in public schools as a chemistry teacher since 2009.

Bianca Santinon Scopel - Chemical Engineer (2014 – University of Caxias do Sul). M. Sc. in Engineering of Processes and Technology (2016 – University of Caxias do Sul) and PhD in Mining, Metallurgical and Materials Engineering (2020 – Federal University of Rio Grande do Sul). She worked with pyrolysis of wastes and effluent gas analysis and treatment. For the past 6 years, Ms Scopel has been working with leather waste treatment through chemical hydrolysis and steam explosion and with reuse of the protein extracted from leather wastes in polymer production.

Daniela Dal Castel Krein has a degree in Chemical Engineering (2020) and is currently pursuing a master's degree in Food Science and Technology, both from the University of Passo Fundo- Brazil. She also works in research focused on biodegradable polymers and reuse of waste from the leather industry. Currently works at BRF SA in the productivity area.

César V. T. Rigueto has a degree in Food Engineering from the State University of Mato Grosso - Brazil (2018). During his academic career, he worked on projects aimed at the use of agro-industrial residues for application as bio sorbents, as well as residues from fishing activities for the development of new products. Currently, he is a master's student at the Graduate Program in Food Science and Technology (PPGCTA) at the University of Passo Fundo (UPF) – Brazil.

Fernanda Cemin Kovalski is an Academic of the 9th level of the Chemical Engineering course at the University of Passo Fundo (UPF) - Brazil. She has been a volunteer in research projects since 2017. Currently, she is a Pibic CNPq fellow in the area of Lactose Hydrolysis with β-Glactose enzyme immobilized in support.

Camila Baldasso - Professor of Chemical Engineering, professor and coordinator of the graduate program in process and technology engineering (PGEPROTEC); of the area of EXATAS -Area of Exact Sciences and Engineering of the University of Caxias do Sul (UCS). He has a degree in Food Engineering from the Federal University of Rio Grande do Sul (2005) and a Masters in Chemical Engineering from the Federal University of Rio Grande do Sul (2008). PhD in Chemical Engineering from the Federal University of Rio Grande do Sul in co-tute in the course of Chemical and Biological Engineering from the University of Porto (2011). She has experience in the area of membrane separation processes (PSM), applied to the food industry and effluent treatment. The main research lines are related to PSM, numerical simulation, effluent treatment, biopolymer production, adsorption, gas separation, whey treatment.

Aline Dettmer graduated in Chemical Engineering from the Federal University of Santa Maria - UFSM, in 2006. Occasion when she was awarded the Distinction of the Chamber of Commerce and Industry of Santa Maria - CACISM, for her performance during the course. She has professional experience in tanneries, acting in the quality control of products and inputs and in the development of new products. She has a Masters and doctorate in Chemical Engineering from the Federal University of Rio Grande do Sul UFRGS. She received the Young Speaker Award, offered by the Veslic - Association of Swiss Leather Chemists and Technologists during the 17th Latin American Congress of Leather Industry Chemists and Technicians, 2008. She was a professor of engineering courses (chemical and mechanics) at the University of Caxias do Sul - UCS (2011-2016). She also worked in the Master in Process and Technology Engineering (PGEPROTEC) (2012-2016). Guided undergraduate students and master's works in the areas of treatment and reuse of solid waste (especially, tannery wastes), production of biopolymers and energy generation (biogas). She is currently an adjunct professor II in the Chemical Engineering course and in the Graduate Program in Food Science and Technology - PPGCTA at the University of Passo Fundo – UPF, Brazil. She works in the area of reuse of waste, production of polymeric films, enzymatic treatment, and production of biopolymers, adsorption and biogas. Dettmer's has more than 100 papers, including journal papers, congress communications and book chapters, with more than 350 citations, her H index is 12.

N. Nishad Fathima, PhD in Leather Technology is presently working as a Senior Principal Scientist in Inorganic Physical Chemistry Laboratory, CSIR- Central Leather Research Institute, India. Her research interests include collagen stabilization, ionic liquids, multi-functional leather chemicals and development of value added products from tannery solid waste. Dr. Nishad has more than 100 publications in peer reviewed journals to her credit.

C. Inbasekar, M Tech in Leather Technology is working as a CSIR-SRF in Inorganic Physical Chemistry Laboratory, CSIR- Central Leather Research Institute, India. He is currently pursuing his PhD in Metal Free Tanning and biopolymer based retanning system.

Benson Ongarora is an accomplished chemistry lecturer with over seven years of experience in teaching and research in the Department of Chemistry at Dedan Kimathi University of Technology. His area of speciality is in teaching of organic chemistry and research, which has provided him with a good foundation in material chemistry. His skills in synthesis, isolation, characterization and analysis, have allowed him to carryout research in various fields. He has successfully supervised four students at Master's level both in the area of chemistry and leather technology. One of his outstanding research projects in leather technology is on tannage of chamois using oil extracted from tannery fleshing waste. He has more than ten publications in peer reviewed journals on various subjects. He is committed to career development in order to ensure quality research and innovation in the long-term. In addition, I am a reviewer with Team Publons, a part of Web of Science group. He holds a doctorate degree from Louisiana State University, where he completed studies in organic chemistry in 2012. He believes that technology will go a long way in solving challenges faced by society.

Pavithra Navaneetha Krishnan holds a Master's Degree in Leather Technology from Anna University, Chennai. She has been awarded Mecca Haji Abdul Majeed Endowment Award for the best project work during her M.Tech program. She received CSIR - Senior Research Fellowship during the year 2018 to undertake the study on species identification through molecular techniques. She also involved in the research on gene mapping in resistant bacterial strains.

Aishwarya Annur Balasubramanian completed her Master's Degree in Molecular Biology from the University of Madras. She had been awarded the DST INSPIRE fellowship during the year 2016. She has been associated with the molecular studies in the various ongoing projects in the Microbiology Division, CSIR-CLRI. She has high research thrust in novel method of analysis.

Sahaya Pravin is a plant biotechnologist and molecular biologist trained in pharmacogenomics and bioinformatics in France. Currently, he is employed as a Laboratory Manager for Specialized Medical Solution taking care of Bio-Rad Life-Science division as well as Illumina in Qatar. He is responsible for managing the entire lab division and he also provides training to the customers in the operation of the equipment. He is diligent and focused on the timely, quality completion of all lab procedures and works well under pressure within high-volume testing environments and productive working relationships with all levels of the Research Mix.

Victor John Sundar obtained his Doctorate in Technology from Anna University, India. He has made significant contributions towards Process & Product Innovations, Technology Dissemination, Human Resource Development, Standards Development, Product Evaluation and Advisory Consultancy for leather and chemical sectors since joining CSIR-CLRI in 1993. He has developed a number of process technologies aimed at resource management and waste minimization resulting in more than 30 patents and 100 research papers. He has led many technology implementation teams for cleaner process techniques and for modernization of tanneries in India, Ethiopia and Saudi Arabia. His current areas of research include development of Cleaner technologies, Water management and Solid waste management in leather processing. He has successfully completed projects with SITA-ITC, UNIDO, GTZ-Germany and CSIRO, Australia. He is recipient of four National Awards for his significant contribution to Indian Leather Sector.

Arumugam Gnanamani received her Doctoral degree in Science and is involved in challenging research activities in microbiology, biotechnology, environmental issues, biological material for health care and development of analytical tools. She has published 200 numbers of research articles with the i10 index 84. She has filed more than 10 patents and three patents have been transferred to industry. Her research team is involved in the development of innovative materials for health care like bioglue for tissue approximation and organ mimics as an alternative to animal models. She is a recipient of prestigious awards which include: Tamil Nadu Scientist Award, TATA innovation Fellowship award, DBT-OVERSEAS AWARD, DBT –CREST AWARD and IIGP (India Innovative Growth program) Gold medal.