Lifelines

Tao Zhang obtained a Bachelor's degree in Chemical Engineering and Technology from Hunan Institute of Technology (Hengyang, China) in 2018. Since then, he has been studying for Master's degree under the guidance of Professor Wei Lin in the major of Light Industry Technology and Engineering at Sichuan University (Chengdu, China).

Chunhua Wang received a B.S. in Light Industry Biological Technology (2011), a M.S. in Leather Chemistry and Engineering (2014), and a Ph.D. in Leather Chemistry and Engineering at Sichuan University (2017). Since then, she has been working in Professor Wei Lin's group as a Research Assistant at Sichuan University. After a postdoctoral research associate position in Professor Huining Xiao's group in the Department of Chemical Engineering at University of New Brunswick during October 2019 to October 2020, she returned to the Department of Leather Chemistry and Engineering at Sichuan University and was promoted to Associate Professor in October 2020. Her research interests focus on design and developing environmental-friendly coating materials with antibacterial function applied in leather finishing or other fields.

Jun Sang received a B.S. in Polymer Science and Engineering at Yantai University (2007), a M.S. in Leather Chemistry and Engineering at Shanxi University of Science and Technology (2010), and a Ph.D. in Leather Chemistry and Engineering at Sichuan University (2017). Now he is working in China leather and Footwear Research Institute Co. LTD. His research interests focus on leather standardization and leather chemical materials.

Long Zhang obtained a Bachelor's Degree in Chemical Engineering from Taiyuan University of Science and Technology (Taiyuan, China) in 2015 and then received a Master Degree in Light Industry Technology and Engineering at Sichuan University (Chengdu, China) in 2019. Since then, he has been studying for Doctor Degree under the supervision of Prof. Wei Lin in the major of Light Industry Technology and Engineering at Sichuan University.

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Wei Lin received her Ph.D. in Leather Chemistry and Engineering at Sichuan University (Chengdu) in June 2000. She moved to University of Science and Technology of China (Hefei) in September 2000 as the postdoctoral fellow for two years in Professor Qingshi Zhu and Professor Chi Wu's research groups. After an additional postdoctoral research associate position in Professor Michal Borkovec's group in the Department of Inorganic, Analytical and Applied Chemistry at University of Geneva during April 2003 to August 2005, she returned to the Department of Leather Chemistry and Engineering at Sichuan University, and was promoted to Full Professor in June 2006. Her research interests center on environmental-friendly leather chemicals and leather-making process. She focuses on studying macromolecular structure and property of collagen and its interactions with tanning substances, as well as collagen-based biomass materials. She also focuses on the design and developing environmental-friendly non-chrome tanning agents, and the risk screening of the chemicals used in leather-making.

Xinju Jia is a Ph. D. student at Sichuan University, China. He is working on clean technology of leather-making, mainly the tanning chemistry and greener leather chemicals. He is under the guidance of Prof. Biyu Peng.

Ran Tan is an undergraduate student at Sichuan University, China. He is working on clean technology of leather-making, mainly the tanning chemistry and greener leather chemicals. He is under the guidance of Prof. Biyu Peng.

Biyu Peng received his Master's Degree (1994) and Ph.D. (1999) in Leather Chemistry and Engineering from Sichuan University, China. He pursued his postdoctoral research work as a visiting scientist in Leather Research Institute of Texas Tech University, USA, from 2004 to 2006. Now he is a Professor in National Engineering Laboratory for Clean Technology of Leather Manufacture, Sichuan University, China. Recently, his research work mainly focuses on biochemistry technologies in leather manufacturing and enzyme engineering.

Ipek Turkmenoglu graduated from Marmara University Atatürk Faculty of Education, Biology Department in 2012. She is continuing to the master program and she is studying as scholarship researcher with the support of TUBITAK on determination and utilization of species-specific allosteric inhibition zones in glycolytic enzymes in pharmaceutical design. Her research topics are hide microbiology, environmental microbiology, antimicrobial agents, quorum sensing, and biofilm formation.

Orcun Toksoz received his MSc degree from the Biology Department, Faculty of Arts and Sciences, Marmara University in 2017 and he is continuing to the doctorate program. He is studying as a scholarship researcher with the support of Scientific and Technological Research Council of Turkey (TUBİTAK). His research topics are food microbiology, hide microbiology, environmental microbiology, quorum sensing, biofilm formation, cosmetic industry.

Didem Berber received MSc. degree from Pediatric Allergy-Immunology Department of Marmara University Medical Faculty in 2003 and PhD degree from Department of Biology, Faculty of Arts and Sciences of Marmara University in 2010. She studied as post doctorate researcher in the same department from 2016 up to 2020. She contributed to international projects (COST and other bilateral collaboration projects) on bacterial quorum sensing and biofilm inhibition. She became an assistant professor in 2020. Her research topics are hide microbiology, food microbiology, environmental microbiology, antimicrobial agents, fungi, quorum sensing, and biofilm formation.

Pinar Caglayan graduated from Biology Department, Ataturk Faculty of Education, Marmara University. She received MSc, and PhD Degrees in Biology from Institute of Pure and Applied Sciences, Marmara University. She was an Erasmus student in Department of Microbiology and Parasitology, Faculty of Pharmacy, Sevilla University, Spain (2008-2009). Dr.Caglayan has been working as a research and teaching assistant at Division of Plant Diseases and Microbiology, Marmara University since 2011. She became an assistant professor in 2020. Her research interests are moderately halophilic bacteria, extremely halophilic archaea, antimicrobial agents, hide microbiology, electric current applications on microorganisms.

Meral Birbir received her PhD in 1991, with a study of Isolation and Identification of Bacteria Adversely Affecting Hide and Leather Quality at Marmara University, Turkey. She has been working in the Biology Department of Marmara University since 1985. She has been the Head of the Division of Plant Diseases and Microbiology, Biology Department of Marmara University, Turkey since 2012. She was a visiting research scientist in the Department of Pathology and Microbiology, Veterinary Medical School, Purdue University (USA) in 1990. She was a research scientist in Hides and Leather Department of USDA from 1992 to 1993. Professor Birbir has been a member of the Editorial Board of Journal of the American Leather Chemists Association (JALCA) and Johnson Matthey Technology Review. She is also member of International Committee on Systematics of Prokaryotes. She is a member of Turkish Microbiological Society and Turkish Leather Technologists' and Chemists' Society. Professor Birbir supervised 38 Master of Science Thesis and 3 Doctoral Thesis Her research interests include environmental microbiology, food microbiology, fungi, yeasts, moderately halophilic bacteria, extremely halophilic archaea, hide microbiology, antimicrobial agents, electric current application and microbiology of hypersaline environments. Her work is reflected in 81 research articles, 134 presentations and 29 scientific projects.

Nüzhet Cenk Sesal graduated from Marmara University, Atatürk Faculty of Education, Biology Department. He has been working at Marmara University, Faculty of Arts and Sciences, Department of Biology since 2001. His research area is molecular microbiology. He has been working as a principal investigator, researcher and consultant in national and international projects, especially about molecular diversity, environmental microbiology, antimicrobial agents, quorum sensing, and biofilm formation.

Masood Aslam received his B.S. degree in Electrical engineering from The University of Faisalabad, Faisalabad, Pakistan, in 2013 and the M.S. degree in Electrical Engineering from FASTNUCES, Islamabad, Pakistan, in 2018. He is currently working as Research Associate at Visual Computing Technology (VC-Tech) lab, Islamabad, Pakistan. Before joining VC-Tech he worked as a Research Assistant at FAST-NUCES. His research interest includes deep learning, computer vision and image processing.

Tariq M. Khan (Member, IEEE) received the Ph.D. degree from Macquarie University, Sydney, NSW, Australia. He is currently working as a Research Fellow with Deakin University. At CUI, he serves as the Head of the Image and Video Processing Research Group (IVPRG). He has over ten years   of research and teaching experience in universities, including CUI, Macquarie University, and UET Taxila, Pakistan. He is interested in both digital image processing (with an emphasis on medical imaging) and machine learning. He has published 40 journals and 22 conference papers in well-reputed journals and conferences, such as IEEE Transactions on Image Processing, Pattern Recognition, IEEE Access, Expert Systems with Applications, JRTIP, ICIAR, VCIP, and DICTA. His research has received research funding from Effat University, HEC (Pakistan), MBIE (New Zealand), and KSA International Collaboration Grant over $1M in past years. His research interests include most aspects of image enhancement, pattern recognition, and image analysis. He was a recipient of several awards, including the iMQRES Scholarship, the Macquarie University Postgraduate Research Student Support (PRSS) travel grants, and SRGP.

Syed Saud Naqvi received his B.Sc. in Computer Engineering from COMSATS Institute of Information Technology, Islamabad, Pakistan and M.Sc. in Electronic Engineering form University of Sheffield, United Kingdom in 2005 and 2007, respectively. He received his Ph.D. degree in 2016 from the School of Engineering and Computer Science at Victoria University of Wellington New Zealand. He is currently working as an Assistant Professor at COMSATS Institute of Information Technology Islamabad Pakistan. His research interests include saliency modelling, medical image analysis, scene understanding and deep learning methods for image analysis.

Geoffrey Holmes is a leather technologist who obtained his Degree in Applied Science from Kingston University in 1986 and HND in Leather Technology from the University of Northampton's Institute for Creative Leather Technologies in 1989. He has over 30 years' experience in the leather industry in various production and technical roles, and for the last 14 years has been involved in research at the New Zealand Leather and Shoe Research Association (LASRA). He is the current LASRA Director.

Rafea Naffa is a scientist at the Leather and Shoe Research Association of New Zealand based in Palmerston North. He finished his PhD in Biochemistry from School of Fundamental Sciences at Massey University in 2017. His research focus is the analysis of collagen in skins and hides where he developed several analytical methods for the separation and quantitation of collagen crosslinks and advanced glycation end products using LC-MS. He published more than 18 peer-reviewed papers since 2017 including 6 method papers. Currently, he is studying the extraction, purification and characterization of collagen from different animal species for several applications.