

CiQUS Lecture



Prof. Marcus Mandolesi Sá

Chemistry at MesoLab: Symphony of molecules
through dominos, one-pot & multicomponents



MESOLab
Laboratório de Metodologia
e Síntese Orgânica

Wednesday, January 25, 2023
12:15 pm CiQUS Seminar Room

FONDO EUROPEO DE DESENVOLVIMENTO REGIONAL
PO FEDER Galicia 2014-202 - *Unha maneira de facer Europa*

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Biosketch:

Marcus Mandolesi Sá is Full Professor of Organic Chemistry at Federal University of Santa Catarina (UFSC), in Florianópolis, Brazil. He received his diploma (1989) and his doctoral (1995) degrees in Organic Chemistry from the State University of Campinas (UNICAMP) under the guidance of Prof. Albert Kascheres, working in the chemistry of vinyl azides and azirines. After periods of postdoctoral research with Professor Albert Padwa at Emory University in Atlanta, USA (1995-1997), and with Professor José Tércio Ferreira at Federal University of São Carlos, in Brazil (1997-1998), he moved to UFSC in 1998 to start his independent academic career. During the biennium 2019-2021, he held the position of Coordinator of the Chemistry Postgraduate Program (PPGQ-UFSC). He is scientific consultant for R&D agencies and Journals, including The Journal of Organic Chemistry, Green Chemistry, European Journal of Medicinal Chemistry, Tetrahedron, Tetrahedron Letters, Arkivoc, and

Journal of the Brazilian Chemical Society. He has granted a research scholarship “Pesquisador-2” from CNPq (Brazilian Research Council), since 2006. His current research interests include the synthesis of heterocycles and bioactive substances, new synthetic methodologies (domino, one-pot, multicomponent processes), the reactivity of multifunctionalized compounds and three-membered rings, heterogeneous catalysis, microwave synthesis, and green chemistry.