Javiera Cervini-Silva received her B.Sc. in Chemistry from the National Autonomous University of Mexico (UNAM, 07.95), and M.Sc. in Environmental Engineering (05.97) and PhD in Soil Environmental Chemistry (05.99) from the University of Illinois at Urbana-Champaign, thanks to awarded fellowships from the National Council of Science and Technology (CONACYT) and UNAM (DGAPA-UNAM). After postdoctoral work in Environmental Geochemistry at the U.S.DOE Orland Berkeley National Laboratory under Prof. Garrison Sposito (99-02) and in Geomicrobiology at the Dept. of Earth and Planetary Science of the University of California Berkeley (03) under Prof. Jill Banfield, she held an assistant researcher position at the Center for Integrative Planetary Science, and acted as subdirector of the NASA Astrobiology Institute (NAI) of that institution (BIOMARS program; 03-05). In 2006, she was awarded a Repatriation Grant from CONACYT, and joined the faculty of UNAM as associate researcher of the Institute of Geography (06-09). In 2009, she left UNAM for the newly-established University Autonoma Metropolitana Cuajimalpa Campus (Santa Fe District) to hold a [untenured (09-10) and tenured (10 to present)] full professor position in the Dept. of Technology and Processes. She supervises undergraduate, graduate, and postdoctoral students from various Mexican institutions, including UAM, UNAM, and CINVESTAV. She holds previous work experience in the Materials Research Institute (UNAM), National Center of Disaster Prevention (CENAPRED), and Mexican Oil Institute (IMP). She has participated in the edition of the books: *Carbon Stabilization by Clays in the Environment: Processes and Characterization Methods*. (2009), The Clay Minerals Society Workshop Series, Vol. 16, 135 pp, The Clay Minerals Society, Washington (ISBN 978-1-881208-17-4) and *Molecular Geomicrobiology*. (2005). J.F. Banfield, J. Cervini-Silva, & K. Nealson, Eds. Reviews in Mineralogy and Geochemistry Vol. 59. Mineralogical Society of America. Washington, D.C. 294 pp (ISBN 093995071-5). She has participated in the organization of scientific meetings as session chair or member of the scientific board, and has participated in the organization of workshops, including ¨*Molecular Geomicrobiology*¨(Berkeley, California, Dec 2005; sponsored by The Mineralogical Society of America, U.S. Department of Energy, NASA Astrobiology Institute); ´*Carbon Stabilization by Clays in the Environment*¨ (Santa Fe, New México, June 2007; sponsored by The Clay Minerals Society, Kaolin Co, Chevron). She is a numerary member of the Mexican Academy of Sciences (AMC), and an active member of the National System of Researchers (SNI). Her research interests involve using high resolution analytical techniques to study the preservation of ancient human remains and mummies.