

Fabia Ursula Battistuzzi

Curriculum vitae

Personal Details

Fabia Ursula Battistuzzi

Born in Sorengo (Switzerland) on May 25, 1977

Nationality: Italian

Address: Center for Evolutionary Functional Genomics

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Education

2007 Ph. D. in Evolutionary Biology and Astrobiology, Dept. of Biology, The Pennsylvania State University (USA). Doctoral advisor: Dr. S. Blair Hedges

2001 Bachelor degree in Biological Sciences, Dept. of Biology, Università' degli Studi di Roma Tre, Rome (Italy).

Teaching experience

Fall 2005 & 2006 Teaching assistant for Bio 427: Evolution, The Pennsylvania State University (lecture)

Fall 2003 Teaching assistant for Bio 110: basic concepts and biodiversity, The Pennsylvania State University (laboratory groups)

Summer 2003-2005 Training of undergraduate students during the Astrobiology Summer Program, The Pennsylvania State University, Dept. of Biology

Research interests

Astrobiology, molecular and evolutionary biology, evolution of early life (prokaryotes and origin of eukaryotes) and early Earth history, molecular clock testing and applications.

Publications

S.B. Hedges, F.U. Battistuzzi, J.E. Blair. (2006). Molecular timescale of evolution in the Proterozoic. Pp 199-229 in S. Xiao and A. J. Kaufman (Eds.), *Neoproterozoic Geobiology and Paleobiology*, Springer, New York.

A. Riccardi, S. Domagal-Goldman, F.U. Battistuzzi, V. Cameron. Astrobiology influx or in flux? (2006) *Astrobiology* **6**(3)

F.U. Battistuzzi, A. Feijao, S.B. Hedges. A genomic timescale of prokaryote evolution: insights into the origin of methanogenesis, phototrophy, and the colonization of land (2004) *BMC Evolutionary Biology*, **4**: 44

F.U. Battistuzzi, A. Feijao, S.B. Hedges. A genomic timescale of prokaryote evolution and early Earth history. (abstract published in *International Journal of Astrobiology Supplement* 1, March 2004: 50)

Invited research presentations

Center for Tropical & Emerging Global Diseases & Department of Genetics, University of Georgia, Athens, GA – June 20, 2007 (lecture)

PennState Astrobiology Research Center, University Park, PA – May 12, 2007 (lecture)

Society for Molecular Biology and Evolution Meeting SMBE2006, Tempe, AZ – May 24-28, 2006 (symposium lecture)
PennState Astrobiology Research Center, University Park, PA – May 8, 2006 (poster)
Astrobiology Science Conference AbSciCon2006, Washington D.C. March 26-30, 2006 (poster)
National Workshop in Astrobiology, Capri, Italy – Oct 26-28, 2005 (lecture)
Congresso dei Biologi Evoluzionisti Italiani (Meeting of Italian Evolutionary Biologists) CoEvol 2005, Ferrara, Italy – Aug 24-26, 2005 (lecture)
PennState Astrobiology Research Center, University Park, PA – May 5-6, 2005 (poster)
NASA Astrobiology Institute General Meeting, University of Colorado at Boulder, Boulder, CO – April 10-14, 2005 (poster)
Genomes and Evolution 2004, The Pennsylvania State University, University Park, PA – June 17-20, 2004 (poster)
PennState Astrobiology Research Center, University Park, PA – May 7, 2004 (poster)
NASA Astrobiology Institute Science Conference, NASA Ames, Moffett Field, CA – March 29 - April 1, 2004 (lecture)

Awards and Memberships

European Astrobiology Network Association (EANA) – Member
Italian Society for Evolutionary Biology (ISEB) – Member
Society for Molecular Biology and Evolution (SMBE) – Member
Penn State Astrobiology Research Center – Member
J. Ben and H. D. Hill Memorial Fund Award, The Pennsylvania State University – Academic year 2004-2005
Braddock Graduate Fellowship, Eberly College of Science, The Pennsylvania State University – Academic year 2002-2003