

Curriculum Vitae: Silvia Bisti

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Education

1970-Degree in Biological Sciences, University of Pisa.

1976-1977-Sloan Foundation Fellowship, Department of Anatomy, University of Pennsylvania, Philadelphia, USA (Prof. J. Sprague)

1979, 1982- ETP Fellowship, Neuroanatomical Laboratory, Max-Plank-Istitut fuer Psychiatrie, Muenchen, Germany (Prof. H. Hollaender)

Scientific collaboration.

1984 Visiting scientist, "Institut d'anatomie" Università di Losanna (Svizzera).

1985 Visiting Scientist Department of Psychology, University of California, Davis, USA (Prof. L. Chalupa)

1987-Visiting Scientist, Department of Physiology, Johns Hopkins Medical School, Baltimore, USA (Prof. G. Poggio)

1997 Visiting scientist, Center for Neuroscience, University of California, Davis, USA (Prof. L. Chalupa)

1998; 2000-2001, Visiting scientist NSW Retinal Dystrophy Research Center, Dept. of Anatomy and Histology, University of Sydney. AU. (Prof. J. Stone)

2006 (February-March) ARC Centre of Excellence in Vision CNS Stability and Degeneration Group Research School of Biological Sciences. The Australian National University, Canberra (Prof. J. Stone)

2009 ARC Centre of Excellence in Vision and Save Sight Institute and Discipline of Physiology University of Sydney (Prof. J. Stone)

Career

1971-Staff research investigator, Istituto di Neurofisiologia del CNR, Pisa

1985-Section Chief, Istituto di Neurofisiologia , CNR,Pisa

1988-1994 Senior research Investigator, Istituto di Neurofisiologia , CNR,Pisa

1991, 1992, 1993-Acting Director, Istituto di Neurofisiologia, CNR, Pisa

1994-2005 Full Professor of Physiology, School of Medicine, University of L'Aquila

2005-present Full Professor of Physiology Faculty of Biotechnology ,University of L'Aquila

2010-2012 Dean of the Faculty of Biotechnology

Grants: national PRIN, CNR, ASI,Telethon and international grants (ESF , European Commission Science Program, NATO). Partner of the ARC center of excellence in Visual Science.

mf: anatomy and physiology of the visual system

other field: developmental neurobiology

cri: neurodegeneration and neuroprotection, retinal development in health and disease

Society

ARVO and Neuroscience

Silvia BISTI

Pubblicazioni

Bisti S., Iosif G., Marchesi G.F. and Strata P.: Pharmacological properties of inhibitions in the cerebellar cortex. *Exp. Brain Res.* **14**, 24-37, 1971.

Bisti S., Iosif G. and Strata P.: Suppression of inhibition in the cerebellar cortex. *Brain Res.* **28**, 591-593, 1971.

Bisti S., Maffei L. and Piccolino M.: Variations of the visual responses of the superior colliculus in relation to body roll. *Science, N.Y.* **175**, 456-457, 1972.

Maffei L., Fiorentini A. and Bisti S.: Neural correlate of perceptual adaptation to gratings. *Science, N.Y.* **182**, 1036-1038, 1973.

Bisti S., Maffei L. and Piccolino M.: Visuo-vestibular interactions in the cat superior colliculus. *J. Neurophysiol.* **37**, 146-155, 1974.

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- Maffei L. and Bisti S.: Binocular interactions in strabismic kittens deprived of vision. *Science N.Y.* **191**, 579-580, 1976.
- Bisti S., Clement R., Maffei L. and Mecacci L.: Spatial frequency and orientation tuning curves of visual neurones in the cat: effects of mean luminance. *Exp. Brain Res.* **27**, 335-345, 1977.
- Fiorentini A., Maffei L. and Bisti S.: Change of binocular properties of cortical cells in the central and paracentral visual field projections of monocularly paralyzed cats. *Brain Res.* **171**, 541-544, 1979.
- Bisti S. and Maffei L.: Binocular interaction in bilateral strabismic kittens. *Brain Res.* **170**, 359-361, 1979.
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- Carmignoto G., Canella R. and Bisti S.: Can functional reorganization of area 17 following monocular deprivation be modified by GM1 internal ester treatment? *J. Neurosci. Res.* **12**, 477-483, 1984.
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