Brief curriculum vitae of Prof. Lorenzo Stella

Lorenzo Stella was born in Rome in 1968, in 1993 he received a M.Sc. degree in physics (summa cum laude) from the University of Rome "La Sapienza" and in 1997 a Ph.D. in Biophysics, from the same University. Since 1997 he is working at the Department of Chemical Sciences and Technologies of the University of Rome Tor Vergata, where he is now Associate Professor of Physical Chemistry. He has been a research associate at the Laboratory for Fluorescence Dynamics, University of Illinois, and at the Laboratorium für Biochemie of the Swiss Federal Institute of Technology (ETH). He received the "Lucio Senatore" award by the Italian Chemical Society, the "Best Paper Award" of the Journal of Peptide Science (2011) and in 2016 he was finalist for the Zervas Award of the European Peptide Society. In 2015 he co-founded the Italian Peptide Society, was its Secretary and is currently part of the Scientific Council. He is a member of the editorial board of the J. Mol. Struct., of the editorial advisory board of the J. Pept. Sci. and is a Review Editor for Frontiers in Chemistry, Frontiers in Mol. Biosci. and Frontiers in Cell and Developmental Biology. His researches have led to more than 150 publications on international journals and received more than 3700 citations.
Prof. Stella's research is focused on the structure, dynamics, molecular interactions and biological function of peptides and proteins, studied by a combination of spectroscopic techniques and computational methods, particularly fluorescence spectroscopy and molecular dynamics simulations. In the last years, he devoted his studies mainly to understand the mechanism of action of membrane-active peptides and to characterize the structural, dynamical and functional effects of pathogenic mutations.

5 selected recent publications

F. Savini, V. Luca, A. Bocedi, R. Massoud, Y. Park, M. L. Mangoni, **L. Stella**.
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F. Kortüm, V. Caputo, C. K. Bauer, **L. Stella**, A. Ciolfi, M. Alawi, G. Bocchinfuso, E. Flex, S. Paolacci, M. L. Dentici, P. Grammatico, G. C. Korenke, V. Leuzzi, D. Mowat, L. D. V. Nair, T. T. M. Nguyen, P. Thierry, S. M. White, B. Dallapiccola, A. Pizzuti, P. M. Campeau, M. Tartaglia, K. Kutsche.
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V. Cordeddu, B. Redeker, E. Stellacci, A. Jongejan, A. Fragale, T. E. J. Bradley, M. Anselmi, A. Ciolfi, S. Cecchetti, V. Muto, L. Bernardini, M. Azage, D. R. Carvalho, A. J. Espay, A. Male, A.-M. Molin, R. Posmyk, C. Battisti, A. Casertano, D. Melis, A. van Kampen, F. Baas, M. M. Mannnens, G. Bocchinfuso, **L. Stella**, M. Tartaglia, R. C. Hennekam
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