



### Curriculum Vitae

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Current position Post Doctoral Fellow: IMBB-FORTH

### Education and training

- 1) Post-doctoral Fellow: Institute of Molecular Biology and Biotechnology, Heraklion, Crete, Greece 2012-present
- 2) Post-doctoral Fellow, Institut für Organische Chemie und Chemische Biologie Zentrum für Biomolekulare Magnetische Resonanz, Goethe-Universität Germany 2011-2012
- 3) Ph.D., Biophysics, University of Michigan, Ann Arbor, Michigan, USA 2006-2011
- 4) M. Sc., Applied Molecular Spectroscopy, School of Sciences and Engineering University of Crete, Heraklion, Greece Institute of electronic structure and laser (IESL) Foundation of Research and Technology, Heraklion, Greece 2002-2004
- 5) B. Sc., Chemistry, School of Sciences and Engineering, University of Crete, Heraklion, Greece 1998-2002
- 6) Laboratory Research Assistant, Biophysics, University of Michigan, Ann Arbor, Michigan, USA 2005-2006

### Publications

Chemical manipulation of hsp70 ATPase activity regulates tau stability. Jinwal UK, Miyata Y, Koren J 3rd, Jones JR, Trotter JH, Chang L, O'Leary J, Morgan D, Lee DC, Shults CL, Rousaki A, Weeber EJ, Zuiderweg ER, Gestwicki JE, Dickey CA. J Neurosci. 2009 Sep 30;29(39):12079-88.

SAGA: rapid automatic mainchain NMR assignment for large proteins. Crippen GM, Rousaki A, Revington M, Zhang Y, Zuiderweg ER. J Biomol NMR. 2010 Apr;46(4):281-98. Epub 2010 Mar 16.

Allosteric drugs: the interaction of anti-tumor compound MKT-077 with human Hsp70 chaperones Rousaki A., Miyata Y., Jinwal U. K., Dickey C.A., Gestwicki J.E., and Zuiderweg E.R.P., J Mol Biol 2011

Aug 19; 411 (3): 614-632.

Gradient-enhanced TROSY described with Cartesian Product Operators Zuiderweg E. R. P. and Rousaki A. , *Concept Magn Reson A* 2011 Nov 38A (6), 280-288.

Allostery in the Hsp70 chaperone proteins. Zuiderweg E.R.P. , Bertelsen E.B., Rousaki A. Mayer M. P. , Gestwicki J. E. and Ahmad A. *Top Curr Chem*. 2013 (328) 99-153.