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**STRUCTURAL INSIGHTS INTO INHIBITOR OF
APOPTOSIS PROTEINS RECOGNITION
BY PRO-APOPTOTIC COMPOUNDS**

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Part II: Publications

- 1) **Cossu F**, Malvezzi F, Canevari G, Mastrangelo E, Lecis D, Delia D, Seneci PF, Scolastico C, Bolognesi M and Milani M. *Recognition of Smac-mimetic compounds by the BIR3 domain of cIAP1*. Pro Sci (2010). 19: 2418-2429.
- 2) Seneci P, Bianchi A, Battaglia C, Belvisi L, Bolognesi M, Caprini A, **Cossu F**, Franco E, Matteo M, Delia D, Drago C, Khaled A, Lecis D, Manzoni L, Marizzoni M, Mastrangelo E, Milani M, Motto I, Moroni E, Potenza D, Rizzo V, Servida F, Turlizzi E, Varrone M, Vasile F, Scolastico C. *Rational design, synthesis and characterization of potent, non-peptidic Smac mimics/XIAP inhibitors as proapoptotic agents for cancer therapy*. Bioorg Med Chem (2009) 17(16):5834-56.
- 3) **Cossu F**, Milani M, Mastrangelo E, Vachette P, Servida F, Lecis D, Canevari G, Delia D, Drago C, Rizzo V, Manzoni L, Seneci P, Scolastico C, Bolognesi M. *Structural basis for bivalent smac-mimetics recognition in the IAP protein family*. J Mol Biol. (2009) 392(3):630-44.
- 4) **Cossu F**, Mastrangelo E, Milani M, Sorrentino G, Lecis D, Delia D, Manzoni L, Seneci P, Scolastico C, Bolognesi M. *Designing Smac-mimetics as antagonists of XIAP, cIAP1, and cIAP2*. Biochem Biophys Res Commun. (2009); 378(2):162-7.