

Carlotta Ciaramelli

Academic education

- 2009 **Bachelor degree in Chemistry** at University of Naples Federico II. 110/110 with honours.
2011 **Master degree in Chemical Sciences** at University of Naples Federico II. 110/110 with honours.
2015 **PhD in Chemical Sciences** at University of Milano - Bicocca. Mentor: Prof. F. Peri.

Research experience

- 2015 - present **Post-Doc fellow** at BioOrgNMR Lab, Dept. of Biotechnology and Biosciences, University of Milano - Bicocca. Mentor: Prof. Cristina Airoidi.

Publications

- 1) R. Cighetti, C. Ciaramelli, S. E. Sestito, I. Zanoni, Ł. Kubik, A. Ardá-Freire, V. Calabrese, F. Granucci, R. Jerala, S. Martín-Santamaría, J. Jiménez-Barbero, F. Peri. *ChemBioChem*. **2014**, *15*, 250-8.
- 2) S. E. Sestito, P. Sperandeo, C. Santambrogio, C. Ciaramelli, V. Calabrese, G.E. Rovati, L. Zambelloni, R. Grandori, A. Polissi, F. Peri. *ChemBioChem*. **2014**, *15*, 734-742.
- 3) E. Ferri, A. Galimberti, M. Casiraghi, C. Airoidi, C. Ciaramelli, A. Palmioli, V. Mezzasalma, I. Bruni, M. Labra. *BioMed Research International*. **2015**, Article ID 365794, 1-14.
- 4) C. Ciaramelli, V. Calabrese, S. E. Sestito, L. Pérez-Regidor, J. Klett, A. Oblak, R. Jerala, M. Piazza, S. Martín-Santamaría, F. Peri. *Chemical Biology & Drug Design*. **2016**, *88*, 217-229.
- 5) C. Airoidi, C. Ciaramelli, M. Fumagalli, R. Bussei, V. Mazzoni, S. Viglio, P. Iadarola, J. Stolk. *Journal of Proteome Research*. **2016**, *15*(12), 4569-4578.
- 6) C. Ciaramelli, M. Fumagalli, S. Viglio, A. M. Bardoni, D. Piloni, F. Meloni, P. Iadarola, C. Airoidi. *Journal of Proteome Research*. **2017**, *16*, 1669-1682.
- 7) L. Amigoni, M. Stuknytė, C. Ciaramelli, C. Magoni, I. Bruni, I. De Noni, C. Airoidi, M. E. Regonesi, A. Palmioli. *Journal of functional foods*. **2017**, *33*, 297-306.
- 8) Y. Zeinolabediny, F. Caccuri, L. Colombo, F. Morelli, M. Romeo, A. Rossi, S. Schiarea, C. Ciaramelli, C. Airoidi, R. Weston, L. Donghui, J. Krupinski, R. Corpas, E. García-Lara, S. Sarroca, C. Sanfeliu, M. Slevin, A. Caruso, M. Salmona, L. Diomede. *Scientific Reports*. **2017**, *7*, 10313.
- 9) A. Palmioli*, C. Ciaramelli*, R. Tisi, M. Spinelli, G. De Sanctis, Elena Sacco, C. Airoidi. *Chem. Asian J.* **2017**, *12*, 2457 - 2466. * These authors contributed equally to this work
- 10) C. Ciaramelli, A. Palmioli, A. De Luigi, L. Colombo, G. Sala, C. Riva, C. P. Zoia, M. Salmona, C. Airoidi. *Food Chemistry*, **2018**, *252*, 171-180.
- 11) C. Airoidi, B. La Ferla, G. D'Orazio, C. Ciaramelli, A. Palmioli. *Curr Med Chem*. **2018**, *25*(27), 3228-46.
- 12) F. A. Facchini, L. Zaffaroni, A. Minotti, S. Rapisarda, V. Calabrese, M. Forcella, P. Fusi, C. Airoidi, C. Ciaramelli, J.-M. Billod, A. Schromm, H. Braun, C. Palmer, R. Beyaert, R. Jerala, G. Pirianov, S. Martin Santamaria, F. Peri. *J. Med. Chem.* **2018**, *61* (7), 2895-2909.
- 13) C. Ciaramelli, A. Palmioli, C. Airoidi. *Food Chemistry*, **2019**, *278*, 47-55.
- 14) S. Viglio, C. Airoidi, C. Ciaramelli, P. Iadarola. *Applications of NMR Spectroscopy*, **2018**, *7*, 21-62.
- 15) M. Vacchini, R. Edwards, R. Guizzardi, A. Palmioli, C. Ciaramelli, A. Paiotta, C. Airoidi, B. La Ferla, L. Cipolla. *Current Medicinal Chemistry*, **2019**, *26*, 6349-6398.
- 16) A. Palmioli, C. Ciaramelli, D. Alberici, C. Airoidi. *Food Chemistry*, **2020**, *327*, 127025.
- 17) C. Ciaramelli, A. Palmioli, A. De Luigi, L. Colombo, G. Sala, M. Salmona, C. Airoidi. *Food Chemistry*, **2021**, <https://doi.org/10.1016/j.foodchem.2020.128249>.

Schools-Congresses and Awards

Participation to 5 NMR and Organic Chemistry Schools and to 27 National and International Congresses, presenting 5 oral contributions and 37 poster contributions.

Two awards as best poster contribution at "XIV Convegno Scuola sulla Chimica dei Carboidrati" (2014) and "XXXVIII Convegno Nazionale della Divisione di Chimica Organica della Società Chimica Italiana" (2018).