**Attività didattiche del secondo anno di dottorato in Biotecnologie e Bioscienze**

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**Attività formative:**

* Characterization and Bioprocessing of Prebiotics from Agricultural Co-Products. 27 Novembre 2018. Professoressa Daniela Barile.
* Living in someone’s gut. 21 Novembre 2018. Professor Douwe van Sinderen.
* The sweet tooth of the gut microbiota: bifidobacterial carbohydrate metabolism. 4 Dicembre 2018. Professor Douwe van Sinderen.
* The science behind probiotics: limits, promises, effectiveness. 16 Giugno 2019. Dottor Francesco Di Pierro.
* Primary Cells Engineering and biomedical application. 17 Giugno 2019. Dottor Matthias Bozza.
* Bifidobacterial metabolism of HMO: an intriguing example of microbe-host co-evolution. 2 Luglio 2019. Professor Douwe van Sinderen.
* Corso di Macromolecular crystallography. 9-13 Settembre 2019. Professor Ditlev Brodersen.
* Intellectual property and its multifaceted implications. 30 Settembre 2019. Professoressa Chiara Soncini.

**Pubblicazioni in peer-reviewed journals:**

* **Mancino W**, Duranti S, Mancabelli L, Longhi G, Anzalone R, Milani C, Lugli GA, Carnevali L, Statello R, Sgoifo A, van Sinderen D, Ventura M, Turroni F. “Bifidobacterial transfer from mother to child as examined by animal model”. Microorganisms. 2019 Aug 27;7(9). pii: E293.
* Duranti S, Lugli GA, Milani C, James K, Mancabelli L, Turroni F, Alessandri G, Mangifesta M, **Mancino W**, Ossiprandi MC, Iori A, Rota C, Gargano G, Bernasconi S, Di Pierro F, van Sinderen D, Ventura M. “Bifidobacterium bifidum and the infant gut microbiota: an intuing case of microbe-host co-evolution.” 2019 Jun 6. Environ. Microbiol. Accepted.
* Duranti S, Mancabelli L, **Mancino W**, Anzalone R, Longhi G, Statello R, Carnevali L, Sgoifo A, Bernasconi S, Turroni F, Ventura M. “Exploring the effects of COLOSTRONONI on the mammalian gut microbiota composition.” 2019 May 31. 14(5):e0217609.
* Lugli GA#, **Mancino W**#, Milani C, Duranti S, Mancabelli L, Napoli S, Mangifesta M, Viappiani A, Anzalone R, Longhi G, van Sinderen D, Ventura M, Turroni F. “Dissecting the Evolutionary Development of the Species Bifidobacterium animalis through Comparative Genomics Analyses.” 2019 Mar 22. pii: AEM.02806-18. #These authors contribuited equally.
* Lugli GA, **Mancino W**, Milani C, Duranti S, Turroni F, van SinderenD, Ventura M. “Reconstruction of the bifidobacterial pan-secretome reveals the network of extracellular interactions between bifidobacteria and the infant gut.” 2018 Jun 8. pii: AEM.00796-18.