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Talk title: Mechanisms coordinating replication and transcription

Marco Foiani is professor of molecular biology at the University of Milan and group leader at IFOM. Since 2009, he is Scientific Director of IFOM, an international cancer center that hosts 20 groups and 300 scientists. At IFOM, Foiani is responsible for the research strategic planning, the development of programs aimed at the results reduction into practice and for the establishment of national and international co-operation programs and joint ventures. He is the founder of the European Nanomedicine Foundation (CEN) that aims at supporting multidisciplinary projects/teams in biomedicine. Since 2012 he directs, *pro bono*, a cancer genetics diagnostic laboratory within Cogentech. The Pi had professional training in leadership, management and intercultural skills. His major contributions are within the field of genome integrity. He has trained several undergraduate, PhD students and postdocs and 16 of them are now independent group leaders working in internationally recognized institutes. He is EMBO member and editor of *Cell*.

Recent publications

- Brambati A, Zardoni L, Achar YJ, Piccini D, Galanti L, Colosio A, Foiani M, Liberi G (2018). Dormant origins and fork protection mechanisms rescue sister forks arrested by transcription. *Nucleic Acids Res.* 2018 Feb 16;46(3):1227-1239. doi: 10.1093/nar/gkx945.
- Achar YJ, Foiani M. (2017). Coordinating Replication with Transcription. *Adv Exp Med Biol.* 2017;1042:455-487. doi: 10.1007/978-981-10-6955-0_20.
- Wang YH, Hariharan A, Bastianello G, Toyama Y, Shivashankar GV, Foiani M, Sheetz MP. (2017). DNA damage causes rapid accumulation of phosphoinositides for ATR signaling. *Nat Commun.* 2017 Dec 14;8(1):2118. doi: 10.1038/s41467-017-01805-9.