Kornelius Kupczik

PD Dr./ rer. nat. habil.

Datos de contacto:

Max Planck Weizmann Centerfor Integrative Archaeology and Anthropology

Max Planck Institute for Evolutionary Anthropology

Deutscher Platz 6, 04103 Leipzig, Alemania

Email: kornelius_kupczik@eva.mpg.de

Web: http://www.eva.mpg.de/mpwc/staff/kornelius-kupczik/index.html

Jerarquía Académica:

Investigador Principal y Líder de Grupo de Investigación Científica, Max Planck Weizmann Center for Integrative Archaeology and Anthropology, Max Planck Institute for Evolutionary Anthropology, Leipzig, Alemania

Docente universitario (*Privatdozent*) de la Friedrich-Schiller-Universität Jena, Jena, Alemania

Educación:

2014 Habilitation and*venialegendi* in Zoologie, Friedrich-Schiller-Universität Jena, Alemania

2004 PhD in Vertebrate Palaeontology, University College London, ReinoUnido

1996 Vordiplom-Biologie, Georg-August Universität Göttingen, Alemania

1999 Diplom-Biologie, Universität Hamburg, Alemania

Líneas de Investigación:

Morfología evolutiva y funcional del aparato masticatorio en mamíferos; anatomía y biología estructural de los dientes; evolución humana

Publicaciones selectas:

Curth, S., Fischer, M. S., & Kupczik, K. (2017). Patterns of integration in the canine skull: An inside view into the relationship of the skull modules of domestic dogs and wolves. Zoology.

Kupczik, K., Cagan, A., Brauer, S., & Fischer, M. S. (2017). The dental phenotype of hairless dogs with FOXI3 haploinsufficiency. Scientific Reports, 7: 5459.

Benazzi, S., Nguyen, H. N., Kullmer, O., & Kupczik, K. (2016). Dynamic modelling of tooth deformation using occlusal kinematics and finite element analysis.PLoSOne, 11(3): e0152663.

Kupczik, K., Stark, H., Mundry, R., Neininger, F. T., Heidlauf, T., &Röhrle, O. (2015). Reconstruction of muscle fascicle architecture from iodine-enhanced microCT images: A combined texture mapping and streamline approach. Journal of Theoretical Biology, 382, 34-43.

Kupczik, K., & Lev-Tov Chattah, N. (2014). The adaptive significance of enamel loss in the mandibular incisors of cercopithecine primates (Mammalia: Cercopithecidae): a finite element modelling study. PLoS One, 9(5): 9767.

Kupczik, K., &Stynder, D. D. (2012).Tooth root morphology as an indicator for dietary specialization in carnivores (Mammalia: Carnivora). Biological Journal of the Linnean Society, 105(2), 456-471.

Kupczik, K., &Hublin, J.-J.(2010). Mandibular molar root morphology in Neanderthals and Late Pleistocene and recent Homo sapiens.Journal of Human Evolution, 59(5), 525-541.

Ver mas publicaciones:

http://www.eva.mpg.de/mpwc/staff/kornelius-kupczik/publications.html