



**Juan Carlos Morales**

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Juan Carlos Morales Sánchez holds a PhD in Chemistry (Univ. Autónoma de Madrid, 1996). His research education started at the Universities of East Anglia (1991), Alcalá (1992), Sheffield (1995), Rochester (1997-1998), Stanford (1999) and the Institute of Organic Chemistry-CSIC (1993-1996) and Institute of Advanced Chemistry of Catalunya-CSIC (2000), where he worked in supramolecular chemistry and molecular interactions, carbohydrate chemistry and nucleic acids chemistry. He began his professional career as Head of Chemistry in *Puleva Biotech* (2000-2006) where he worked on new antioxidants, carbohydrates and fats for functional foods.

Dr. Morales returned to public research at the Institute of Chemical Research (CSIC-University of Seville) and became staff scientist in 2008. In 2014 he moved to the Institute of Parasitology and Biomedicine López Neyra-CSIC. He is the author of more than 70 publications and 11 patents. His research group develops three research lines: a) design and synthesis of phenolic derivatives with potential application in inflammatory-based diseases; b) DNA-carbohydrate conjugates as tools to study molecular interactions and c) carbohydrate G-quadruplex DNA ligands as potential chemotherapy drugs.