



C. Palomo

Claudio Palomo

Date of birth:	September 4, 1951
Position:	Professor of Organic Chemistry, University of the Basque Country (UPV/EHU), Spain
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Education:	1975 Diploma in chemical engineering, Instituto Químico de Sarriá, Barcelona 1979 Degree in chemistry, University of Barcelona 1983 PhD in organic chemistry with Prof. R. Mestres, University of the Basque Country
Awards:	2002 Spanish Royal Society of Chemistry Award in Organic Chemistry; 2008 Euskadi Research Award
Current research interests:	Stereoselective C–C bond-forming reactions; asymmetric catalysis; organocatalysis; design and implementation of molecules with biological properties
Hobbies:	Fishing, chemistry, watching Barcelona FC matches, cinema, listening to music

The author presented on this page has published more than **10 articles** in *Angewandte Chemie* in the last 10 years, most recently:

“N-(Diazoacetyl)oxazolidin-2-thiones as Sulfur-Donor Reagents: Asymmetric Synthesis of Thiiranes from Aldehydes”: I. Cano, E. Gómez-Bengoa, A. Landa, M. Maestro, A. Mielgo, I. Olaizola, M. Oiarbide, C. Palomo, *Angew. Chem.* **2012**, 124, 11014–11018;

Angew. Chem. Int. Ed. **2012**, 51, 10856–10860.

My favorite way to spend a holiday is ... fishing.

My favorite painter is ... Joan Miró.

My favorite time of day is ... dinner time.

I admire ... my wife for several reasons, particularly for her patience.

The secret of being a successful scientist is ... being creative, intuitive, and constant.

My favorite reaction is ... the aldol reaction.

My science “heroes” are ... Alexander Fleming and Marie and Pierre Curie.

My favorite author (science) is ... David A. Evans.

My favorite musician is ... Miles Davis. In general I like all types of jazz music, including blues, funk, and soul.

My motto is ... “vive y deja vivir, que la vida son dos días” (life is just two days long, so live and let live).

When I was eighteen I wanted to be ... a football player for Barcelona FC.

My favorite drink is ... whisky.

The most significant historic event of the past 100 years was ... the fall of the Berlin Wall and the subsequent reunification of Germany.

My 5 top papers:

1. “A Chiral Acrylate Equivalent for Metal-Free Diels–Alder Reaction: *endo*-2-Acryloylisoborneol”: C. Palomo, M. Oiarbide, J. M. García, A. González, A. Lecumberri, A. Linden, *J. Am. Chem. Soc.* **2002**, 124, 10288–10289. (Diels–Alder reactions with difficult diene–dienophile combinations.)
2. “Catalytic Enantioselective Conjugate Addition of Carbamates”: C. Palomo, M. Oiarbide, R. Halder, M. Kelso, E. Gómez-Bengoa, J. M. García, *J. Am. Chem. Soc.* **2004**, 126, 9188–9189. (α -Hydroxy enones coordinate with Lewis acids through a 1,4-metal binding pattern.)
3. “Water-Compatible Iminium Activation: Organocatalytic Michael Reactions of Carbon-Centered Nucleophiles with Enals”: C. Palomo, A. Landa, A. Mielgo, M. Oiarbide, A. Puente, S. Vera, *Angew. Chem.* **2007**, 119, 8583–8587; *Angew. Chem. Int. Ed.* **2007**, 46, 8431–8435. (A suitable catalyst design allows C–C bond-forming reactions using water as the reaction medium.)
4. “Asymmetric Aza-Henry Reaction Under Phase Transfer Catalysis: An Experimental and Theoretical Study”: E. Gómez-Bengoa, A. Linden, R. López, I. Múgica-Mendiola, M. Oiarbide, C. Palomo, *J. Am. Chem. Soc.* **2008**, 130, 7955–7966. (This reaction is valid for both nonenolizable and enolizable aldehyde-derived azomethines and is tolerant of nitroalkanes other than nitromethane.)
5. “Combined α,α -dialkylprolinol ether/Brønsted acid promotes Mannich reactions of aldehydes with unactivated imines. An entry to *anti*-configured propargylic amino alcohols”: E. Gómez-Bengoa, J. Jiménez, I. Lapuerta, A. Mielgo, M. Oiarbide, I. Otazo, I. Velilla, S. Vera, C. Palomo, *Chem. Sci.* **2012**, 3, 2949–2957. (A method to address the problem of reactivity associated with the inherently low electrophilicity of simple imines or Schiff bases.)

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