

# JOSÉ ANTONIO GÓMEZ VIDAL

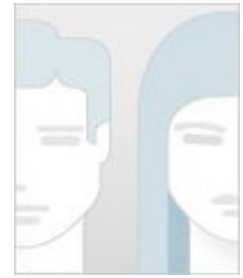
Grupo de Investigación: QUÍMICA BIOLÓGICA APLICADA: NUEVOS FÁRMACOS Y BIORREMEDIACIÓN (Cod.: BIO250)

Departamento: Universidad de Granada. Química Farmacéutica y Orgánica

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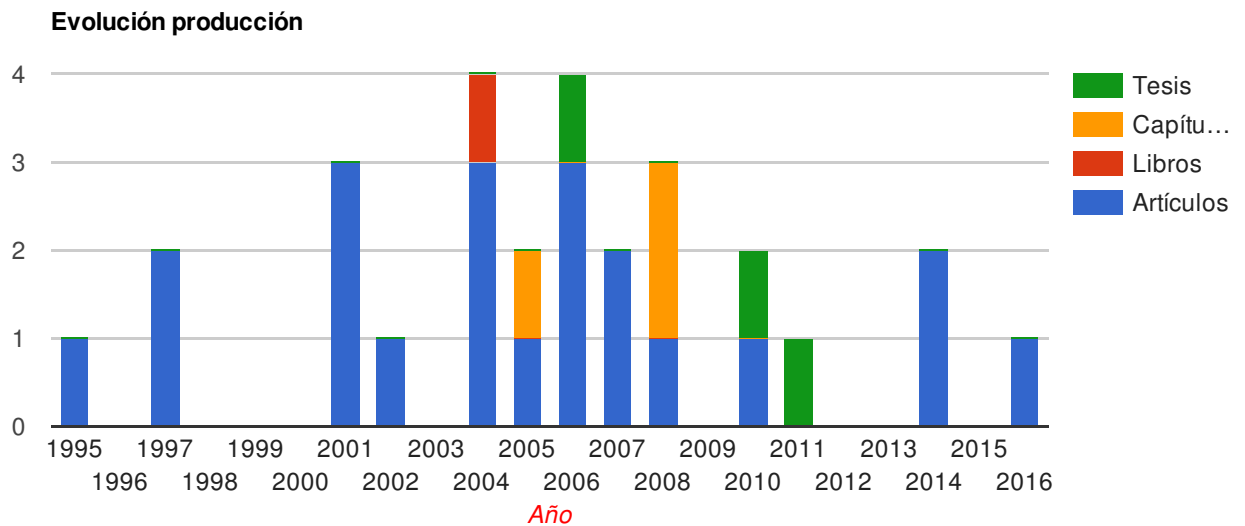
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Ficha del Directorio

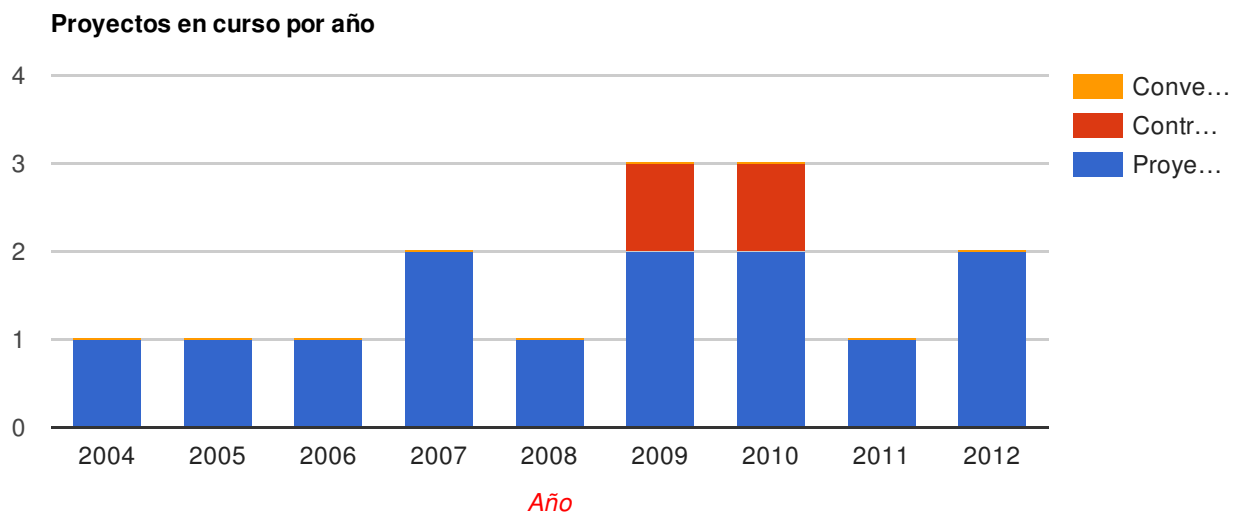
## Producción 28

Artículos (21) Libros (1) Capítulos de Libros (3) Tesis dirigidas (3)



## Proyectos dirigidos 5

Proyectos (4) Contratos (1) Convenios (0)



## Actividades 1

| Titulo publicación   | Fuente  | Tipo              | Fecha |
|--|---|-------------------|-------|
| Searching the conformational complexity and binding properties of hdac6 through docking and molecular dynamic simulations  | Journal of biomolecular structure and dynamics          | Articulo          | 2016  |
| Production of the phanerochaete flavido-alba laccase in aspergillus niger for synthetic dyes decolorization and biotransformation  | World journal of microbiology and biotechnology         | Articulo          | 2014  |
| Synthesis of l-octaarginine through microencapsulated palladium-catalyzed allyl ester deprotection   | Synlett   | Articulo          | 2014  |
| Síntesis de inhibidores de histonas desacetilasas con actividad antitumoral  |   | Tesis doctoral    | 2011  |
| Synthesis and evaluation of new hdac inhibitors  | Ars pharmaceutica                                       | Articulo          | 2010  |
| Síntesis y evaluación de inhibidores de las interacciones proteína-proteína mediadas por el dominio pdz de la nnos   | Universidad de granada. química farmacéutica y orgánica | Tesis doctoral    | 2010  |
| Anticancer activity of (1,2,3,5-tetrahydro-4,1-benzoxazepine-3-yl)-pyrimidines and -purines against the mcf-7 cell line: preliminary cDNA microarray studies                                 | Bioorganic & medicinal chemistry letters                | Articulo          | 2008  |
| Síntesis de péptidos con actividad neuroprotectora   | Medicamentos del siglo xxi: innovadores y genericos     | Capítulo de libro | 2008  |
| Síntesis y evaluación de nuevos inhibidores de la nnos   | Medicamentos del siglo xxi: innovadores y genericos     | Capítulo de libro | 2008  |
| 5-fluorouracil derivatives induce differentiation mediated by tubulin and hla class i modulation   | Medicinal chemistry                                     | Articulo          | 2007  |
| A synthetic uracil derivative with antitumor activity through decreasing cyclin d1 and cdk1, and increasing p21 and p27 in mcf-7 cells   | Breast cancer research and treatment                    | Articulo          | 2007  |
| Conformationally restricted dipeptide amides as potent and selective neuronal nitric oxide synthase inhibitors   | Journal of medicinal chemistry                          | Articulo          | 2006  |
| Diseño y síntesis de derivados del ácido hidroxámico como inhibidores de las histonas desacetilasas con actividad antitumoral  | Universidad de granada. química farmacéutica y orgánica | Tesis doctoral    | 2006  |
| Study of the factors that control the ratio of the products between 5-fluorouracil, uracil, and tetrahydrobenzoxazepine o,o-acetals bearing electron-withdrawing groups on the nitrogen atom | Journal of organic chemistry                            | Articulo          | 2006  |
| Synthesis and anticancer activity studies of novel 1-(2,3-dihydro-5h-1,4-benzodioxepin-3-yl)uracil and (6?-substituted)-7- or 9-(2,3-dihydro-5h-1,4-benzodioxepin-3-yl)-7h- or 9h-purines    | Tetrahedron   | Articulo          | 2006  |
| Exploring the binding conformations of bulkier dipeptide amide inhibitors in constitutive nitric oxide synthases   | Biochemistry (easton)                                   | Articulo          | 2005  |
| New oxazolidinone antibacterial agents   | Antibiotics   | Capítulo de libro | 2005  |
| Ideas básicas de química orgánica  | Grupo anaya   | Libros            | 2004  |
| Potent and selective conformationally restricted neuronal nitric oxide synthase inhibitors   | Journal of medicinal chemistry                          | Articulo          | 2004  |
| Structural basis for dipeptide amide isoform-selective inhibition of neuronal nitric oxide synthase  | Nature structural biology                               | Articulo          | 2004  |

|   |                                  |          |      |
|---|----------------------------------|----------|------|
| Synthesis of tetrahydrobenzoxazepine acetals with electron-withdrawing groups on the nitrogen atom. novel scaffolds endowed with anticancer activity against breast cancer cells  | Tetrahedron                      | Articulo | 2004 |
| Quantitative structure-activity relationships for a series of symmetrical bisquaternary anticancer compounds  | Bioorganic & medicinal chemistry | Articulo | 2002 |
| Cis- and trans-1-[3-(hydroxymethyl)-1,4-dioxepan-5-yl]pyrimidines: a new nucleoside prototype with a seven-membered moiety  | Tetrahedron                      | Articulo | 2001 |
| Mild and selective sodium azide mediated cleavage of p-nitrobenzoic esters  | Organic letters                  | Articulo | 2001 |
| Short, highly efficient syntheses of protected 3-azido- and 4-azidoproline and their precursors   | Organic letters                  | Articulo | 2001 |
| Chemical modifications on the acyclic moiety of 3-(2-hydroxyethoxy)-1-alkoxypropyl nucleobases. 2. differentiation and growth inhibition in rhabdomyosarcoma cells after exposure to a novel 5-fluorouracil acyclonucleoside    | Tetrahedron                      | Articulo | 1997 |
| Chemical modifications on the acyclic moiety of [3-(2-hydroxyethoxy)-1-alkoxy]-propyl nucleobases. 2. differentiation and growth inhibition in rhabdomyosarcoma cells after exposure to a novel 5-fluorouracil acyclonucleoside | Tetrahedron                      | Articulo | 1997 |
| Diastereoselective intramolecular cyclization through the triphenylphosphine/carbon tetrachloride system: synthesis of saturated 1,4-dihetero seven-membered cycloacetals   | Synlett                          | Articulo | 1995 |

|   | <b>Título proyecto</b>   | <b>Tipo</b> | <b>Inicio</b> | <b>Fin</b> |
|---|--|-------------|---------------|------------|
| 1 | Síntesis y evaluación de nuevos inhibidores de las histonas desacetilasas                                | Proyecto    | 4/14/12       | 12/31/12   |
| 2 | New drugs for the treatment of primary hiperoxaluria   | Proyecto    | 12/31/09      | 11/30/12   |
| 3 | Análisis de la estabilidad de fármacos en mezclas intravenosas de uso en clínica                         | Contrato    | 9/1/09        | 12/31/10   |
| 4 | Caracterización de la actividad antitumoral de nuevos inhibidores de las histonas desacetilasas          | Proyecto    | 4/11/07       | 3/31/10    |
| 5 | Diseño y síntesis de moléculas con capacidad para inhibir la interacción de los rns con el receptor nmda | Proyecto    | 12/30/04      | 12/30/07   |

## Actividades 1

| <b>Título actividad</b>  | <b>Fuente</b>  | <b>Tipo</b>                      | <b>Fecha</b> |
|--|--|----------------------------------|--------------|
| Participación en: comisión de investigación del departamento de química farmacéutica y orgánica, univ. de granada (departamento de química farmacéutica y orgánica de la universidad de granada) | Departamento de química farmacéutica y orgánica de la universidad de granada | Comité científico en sociedad ci | Sep 7, 2008  |

## Colaboradores

- JOAQUIN MARÍA CAMPOS ROSA (10)
- MIGUEL ANGEL GALLO MEZO (10)
- JOSÉ FRANCISCO DOMÍNGUEZ SEGLAR (8)
- ANTONIA ARÁNEGA JIMÉNEZ (7)
- JUAN ANTONIO MARCHAL CORRALES (7)
- FERNANDO RODRÍGUEZ SERRANO (5)
- MÓNICA DÍAZ GAVILÁN (5)
- MARIA DEL CARMEN NUÑEZ CARRETERO (3)
- CONSOLACIÓN MELGUIZO ALONSO (2)
- HOURIA BOULAIZ TASSI (2)
- JOSÉ CARLOS PRADOS SALAZAR (2)
- ANTONIO JOSÉ ENTRENA GUADIX (1)
- ANTONIO SUAREZ GARCIA (1)
- ESMERALDA CARRILLO DELGADO (1)
- JUAN ANTONIO TAMAYO TORRES (1)
- OCTAVIO CABA PÉREZ (1)
- ROSARIO MARÍA SÁNCHEZ MARTÍN (1)