

MÉRITOS DERIVADOS DE LA I+D+i ATENDIENDO A INDICADORES NACIONALES E INTERNACIONALES

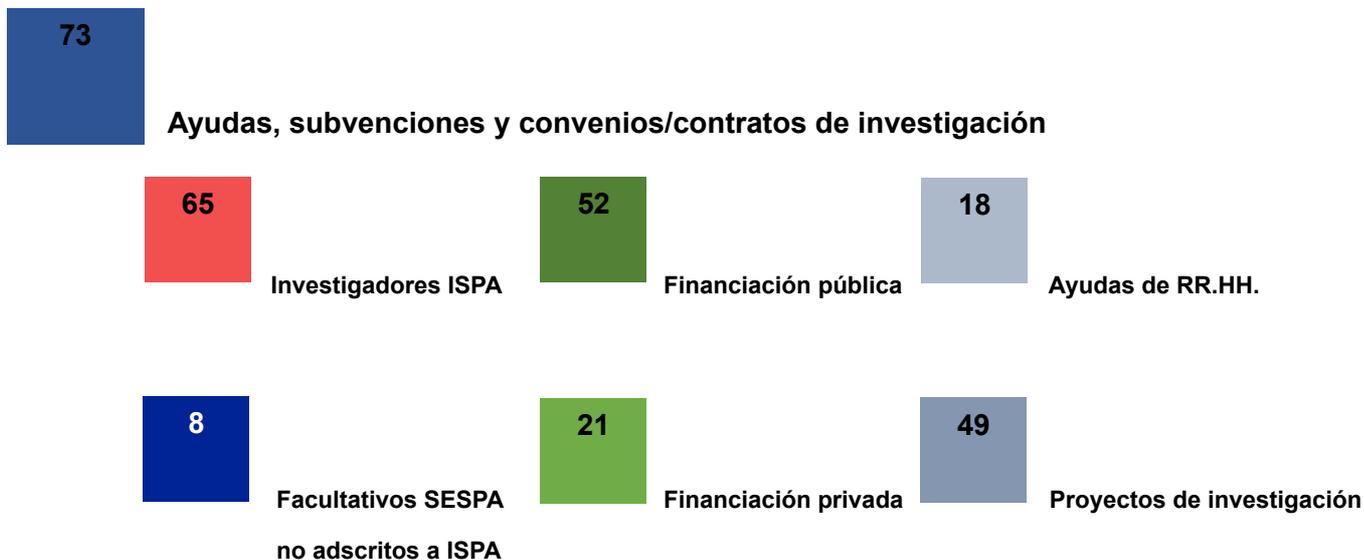
Período: 2017

PROYECTOS DE INVESTIGACIÓN, ACCIONES DE FORTALECIMIENTO Y AYUDAS DE RR.HH. GESTIONADAS POR LA FUNDACIÓN PARA LA INVESTIGACIÓN Y LA INNOVACIÓN BIOSANITARIA DEL PRINCIPADO DE ASTURIAS – FINBA

La Fundación para la Investigación y la Innovación Biosanitaria de Asturias – FINBA es una organización privado-pública integrada en el reto “Salud y Calidad de Vida” de la Estrategia Regional para una Especialización Inteligente (RIS3 Asturias 2014-2020). Concentra recursos y aprovecha sinergias en torno al conocimiento científico regional (Universidad, CSIC), la práctica clínica (facultativos investigadores del SESPA) y la disponibilidad de un espacio y unas infraestructuras para el emprendimiento (ISPA) nucleadas alrededor del entorno del nuevo Hospital Central de Asturias (HUCA).

FINBA es el órgano de gestión del Instituto de Investigación Sanitaria del Principado de Asturias – ISPA, constituido en la primavera del año 2016 al amparo de convenio de colaboración entre la Administración del Principado de Asturias, el SESPA, la Universidad de Oviedo y la propia FINBA.

En la actualidad FINBA, como agente público-privado del Sistema Español de Ciencia y Tecnología, gestiona **73** ayudas, subvenciones y convenios/contratos de investigación por un importe total de **4.889.957 €**.



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Acciones de fortalecimiento

4.889.957 €

Captados de ayudas, subvenciones y convenios/contratos de investigación

4.687.767 €

Investigadores ISPA

4.270.482 €

Financiación pública

1.104.819 €

RR.HH.

202.190 €

Facultativos SESPA
no adscritos al ISPA

619.474 €

Financiación privada

4.203.556 €

Proyectos

519.493 €

Fortalecimiento

1. Financiación pública

La financiación pública captada se deriva de las distintas convocatorias en concurrencia competitiva al amparo del Plan Estatal de Investigación Científica y Técnica y de Innovación (Plan Estatal de I+D+i 2013-2016), que contempla cuatro Programas Estatales, desplegados en subprogramas y dos Acciones Estratégicas integradas en el cuarto Programa: Programa Estatal de I+D+i Orientada a los Retos de la Sociedad.

Los investigadores del ISPA y facultativos del SESPA no adscritos al ISPA, han concurrido durante las convocatorias de 2016 a la actualidad a los siguientes Programas y Subprogramas:

Programa Estatal de Promoción del Talento y su Empleabilidad

- Subprograma Estatal de Formación
- Subprograma Estatal de Incorporación
- Subprograma Estatal de Movilidad

Programa Estatal de Fomento de la Investigación Científica y Tecnológica de Excelencia

- Subprograma Estatal de Generación de Conocimiento
- Subprograma Estatal de Fortalecimiento Institucional

Programa Estatal de I+D+i Orientada a los Retos de la Sociedad

- Reto "Salud, cambio demográfico y bienestar"

Hasta el momento los investigadores adscritos al ISPA, no han recibido ningún tipo de financiación, a través de FINBA, de convocatorias al amparo del Plan de Ciencia, Tecnología e Innovación de Asturias (PCTI) 2013/2017.

Los resultados por año de inicio de ejecución se reflejan en las Tablas 1 a 4. Para cada año se recoge el número de ayudas recibidas; Subprograma y Programa Estatal e importes de ejecución; costes indirectos u overheads y total concedido. Nótese que las ayudas son plurianuales y que el importe reflejado representa el total de la concesión.

Tabla 1. Subvenciones e importe con inicio de ejecución 2016

		N Ayudas	EJECUCION	OVERHEAD	TOTAL
P. E. de Promoción del Talento y su Empleabilidad	Subprog. Estatal de Formación				
	Subprog. Estatal de Incorporación	2	78.000 €	0 €	78.000 €
	Subprog. Estatal de Movilidad				
P. E. de Fomento de la Investigación Científica y Tecnológica de Excelencia	Subprog. Estatal de Generación de Conocimiento				
	Subprog. Estatal de Fortalecimiento Institucional				
P. E. de I+D+i Orientada a los Retos de la Sociedad	Salud, cambio demográfico y bienestar				
TOTAL		2	78.000 €	0 €	78.000 €

Tabla 2. Subvenciones e importe con inicio de ejecución 2017

		N Ayudas	EJECUCION	OVERHEAD	TOTAL
P. E. de Promoción del Talento y su Empleabilidad	Subprog. Estatal de Formación	4	197.975 €	0 €	197.975 €
	Subprog. Estatal de Incorporación	5	369.815 €	0 €	369.815 €
	Subprog. Estatal de Movilidad				
P. E. de Fomento de la Investigación Científica y Tecnológica de Excelencia	Subprog. Estatal de Generación de Conocimiento	8	667.951 €	140.270 €	808.221 €
	Subprog. Estatal de Fortalecimiento Institucional	4	335.627 €	33.563 €	369.189 €
P. E. de I+D+i Orientada a los Retos de la Sociedad	Salud, cambio demográfico y bienestar				
TOTAL		21	1.571.368 €	173.832 €	1.745.201 €

Todas las ayudas del Programa Estatal de Fomento de la Investigación Científica y Tecnológica de Excelencia y seis de las nueve ayudas del Programa Estatal de Promoción del Talento y su Empleabilidad, con inicio de ejecución en 2017, fueron gestionadas en su origen por la Oficina de Investigación Biomédica de la Fundación para el Fomento en Asturias de la Investigación Científica Aplicada y la Tecnología (OIB-FICYT) realizándose el traspaso efectivo a FINBA en abril de 2017.

Tabla 3. Ayudas e importe con inicio de ejecución 2018

		N Ayudas	EJECUCION	OVERHEAD	TOTAL
P. E. de Promoción del Talento y su Empleabilidad	Subprog. Estatal de Formación	2	79.123 €	4.250 €	82.123 €
	Subprog. Estatal de Incorporación				
	Subprog. Estatal de Movilidad	1	11.281 €	125 €	11.406 €
P. E. de Fomento de la Investigación Científica y Tecnológica de Excelencia	Subprog. Estatal de Generación de Conocimiento	12	913.949 €	191.929 €	1.105.878 €
	Subprog. Estatal de Fortalecimiento Institucional	2	136.500 €	13.804 €	150.304 €
P. E. de I+D+i Orientada a los Retos de la Sociedad	Salud, cambio demográfico y bienestar	1	131.949 €	27.710 €	159.659 €
TOTAL		18	1.272.802 €	237.818 €	1.509.370 €

En el año 2018 se renunció por parte de las beneficiarias a dos ayudas del Subprograma Estatal de Formación por un importe total de 107.464 €.

Tabla 4. Ayudas e importe con inicio de ejecución 2019 (datos provisionales)

		N Ayudas	EJECUCION	OVERHEAD	TOTAL
P. E. de Promoción del Talento y su Empleabilidad	Subprog. Estatal de Formación				
	Subprog. Estatal de Incorporación	3	330.500 €	0 €	330.500 €
	Subprog. Estatal de Movilidad				
P. E. de Fomento de la Investigación Científica y Tecnológica de Excelencia	Subprog. Estatal de Generación de Conocimiento	7	447.900 €	94.059 €	541.959 €
	Subprog. Estatal de Fortalecimiento Institucional				
P. E. de I+D+i Orientada a los Retos de la Sociedad	Salud, cambio demográfico y bienestar	1	65.453 €	0 €	65.453 €
TOTAL		11	843.853 €	94.059 €	937.912 €

2. Financiación privada

La financiación privada captada se deriva de distintas convocatorias en concurrencia competitiva y de convenios o contratos de investigación patrocinados por asociaciones de pacientes, mutuas laborales o industria farmacéutica.

Los resultados por año de inicio de ejecución se reflejan en la tabla siguiente, para cada año se recoge el número de proyectos; los importes de ejecución: costes indirectos u overheads y total concedido. Nótese que en muchos casos las ayudas y contratos o convenios son plurianuales y que el importe reflejado representa el total de la ayuda.

	AÑO	N Proyectos	EJECUCION	OVERHEAD	TOTAL
Proyectos Convocatorias Competitivas Privadas	2016				
	2017	4	345.320 €	3.180 €	348.500 €
	2018				
Proyectos contratos/convenios no competitivos	2016				
	2017	6	103.809 €	17.949 €	121.758 €
	2018	11	137.005 €	12.212 €	149.217 €
TOTAL		21	586.134 €	33.340 €	619.474 €

Investigación colaborativa en red

Un nuevo equipo de investigación del ISPA se incorporará además al consorcio de investigación Biomédica en Red (CIBER) en el área respiratoria de tal manera que este año el Principado contará con cuatro grupos de investigación incorporados a esta red multidisciplinar de excelencia como son, además del anterior, los equipos de epidemiología y salud, el de enfermedades neurológicas y mentales y finalmente el grupo de cáncer.

Producción científica

a) Publicaciones

El número de publicaciones de los grupos del ISPA durante 2017 ha alcanzado la cifra de 769 publicaciones (Figura 1), de las cuales 424 son artículos de revista (Figura 2), siendo el factor de impacto de 3633,34 con un promedio de 5,288 (Figura. 3). Valorando la distribución de dichas publicaciones en función del cuartil y decil, el 53% de los trabajos publicados se situó en el primer cuartil y el 29% se correspondió con el primer decil (Figuras 4 y 5). Además, las citas de los artículos de los grupos del ISPA fueron de 1626, con un promedio de citas por artículo de 3,83 (Figura 6)

b) Innovación. Patentes, marcas y registros

En el año 2017 se registró en la Oficina Nacional de patentes y marcas, la patente P201730885, referente a “COMPUESTOS Y SUS USOS COMO SONDAS FLUORESCENTES”, con la cotitularidad del CSIC y FICYT y que durante el año 2018 se presentará para solicitar la extensión internacional PCT.

Figuras

Figura 1. Publicaciones en 2017

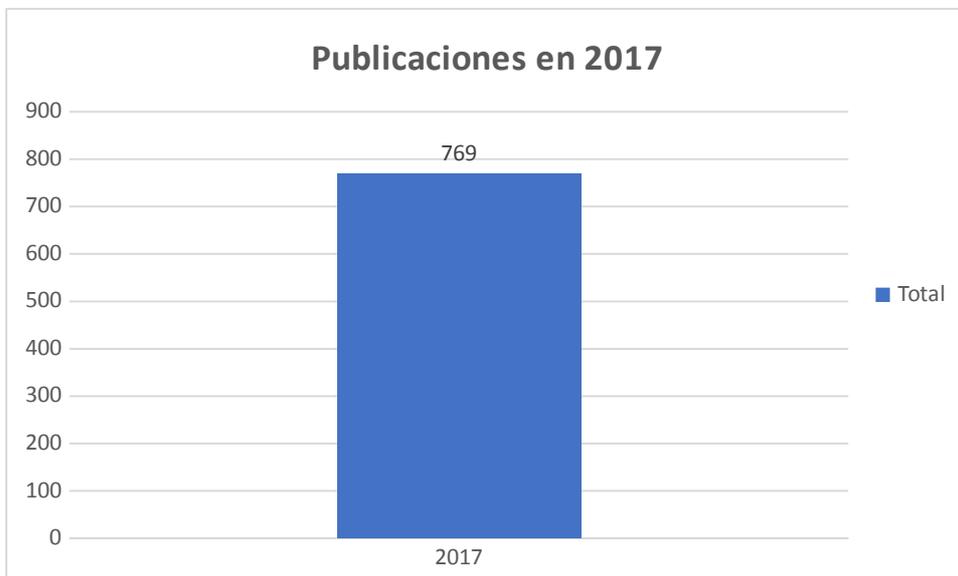


Figura 2. Trabajos por tipo de publicación



Figura 3. Factor de Impacto (FI)

FI Acumulado	FI Promedio
3633,34	5,288

Figura 4. Distribución por Cuartiles

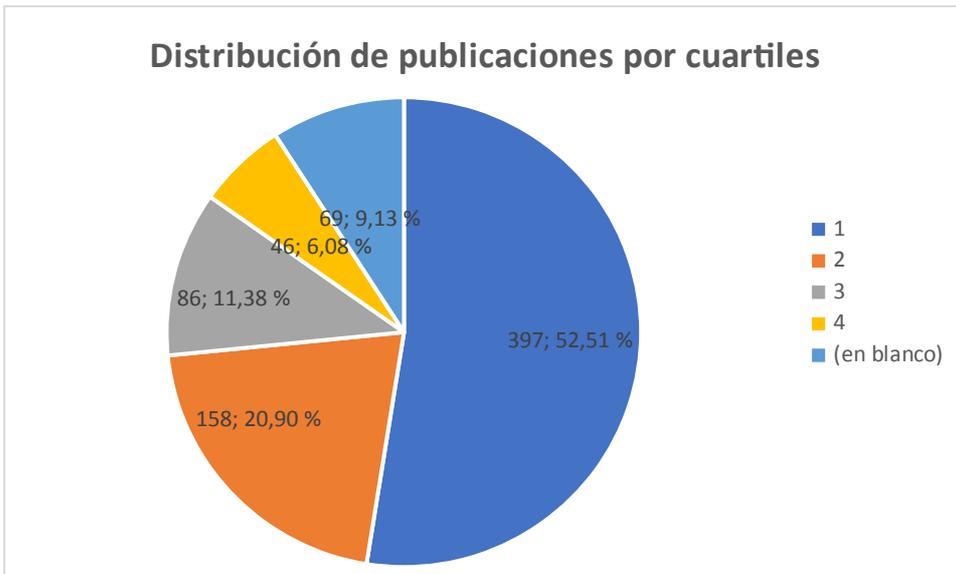


Figura 5. Distribución por Deciles

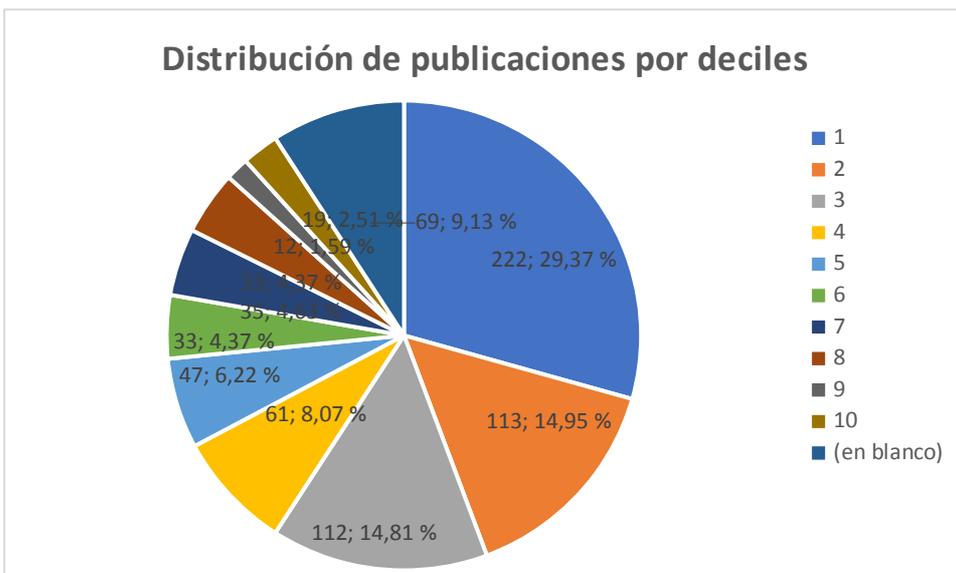
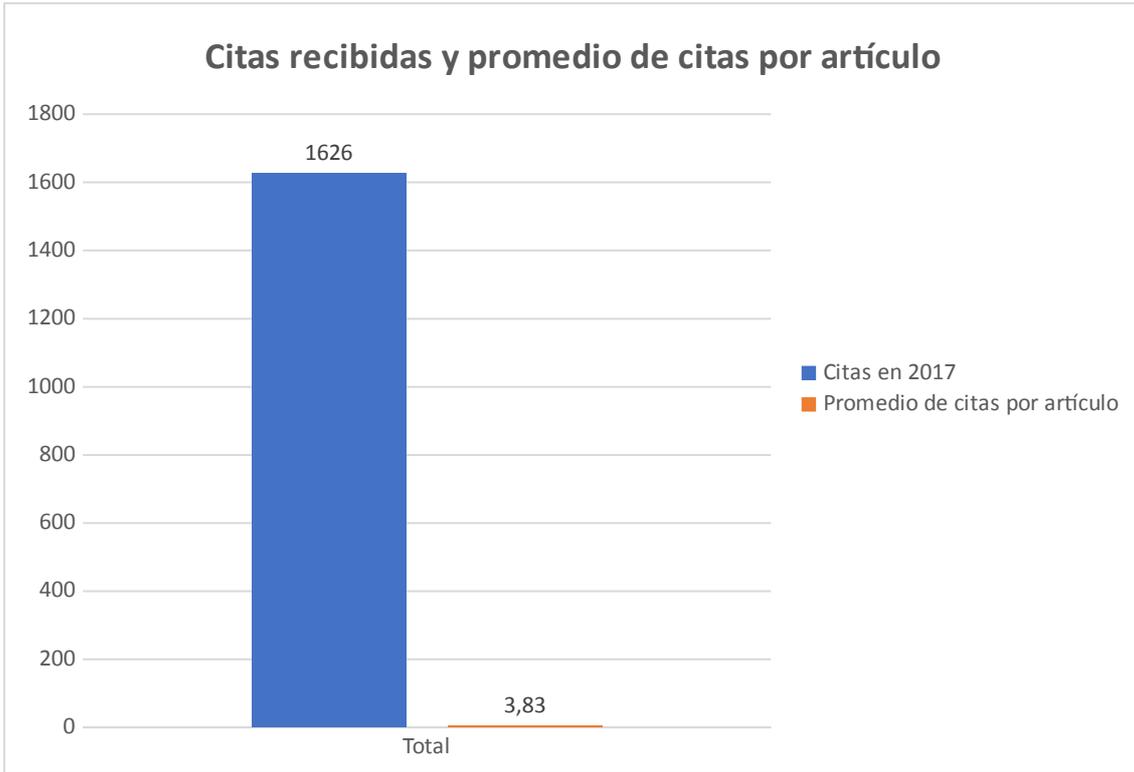


Figura 6. Citas recibidas y promedio de citas por artículo



Número de artículos	424
Citas recibidas en artículos	Promedio de citas por artículo
1626	3,83

Listado de publicaciones

- PRENATAL MATERNAL VITAMIN D STATUS AND LIPID PROFILE OF THE OFFSPRING AT 8 YEARS. Riano-Galan, I, Rodriguez-Dehli, AC, Fernandez-Somoano, A, Velazquez, IO, Venta, R, Tardon, A. 2017. *Horm Res Paediatr.* 88: 335-0. 88(). FI: 1,844 (Q2)
- FROM RESEARCH TO CLINIC: TRANSLATION OF VITAMIN D STATUS IN CHILDHOOD. Rodriguez-Dehli, AC, Riano-Galan, I, Fernandez-Somoano, A, Velazquez, IO, Candenias, M, Tardon, A. 2017. *Horm Res Paediatr.* 88: 445-0. 88(). FI: 1,844 (Q2)
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- Evaluation of the accuracy of a previously published equation to predict energy expenditure per unit distance following an exercise intervention in previously sedentary overweight adults. Moris, CE, Garner, JC, Owens, SG, Valiant, MW, Loftin, M. 2017. *Gazz Med Ital.* 176: 1-9. 176(1-2). FI: (Q)
- HUMANIZED MOUSE MODELS TO BOOST ANTIMALARIAL DRUG DISCOVERY. Lafuente, MJ, Viera, S, Segura, D, Calvo, D, Cortes, L, Cuevas, C, Garuti, H, Gomez, V, Magan, N, Pablos, A, Gamon, FJ. 2017. *Am J Trop Med Hyg.* 97: 481-0. 97(5). FI: 2,549 (Q2)
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- Physical activity in European adolescents and associations with anxiety, depression and well-being. McMahon, EM, Corcoran, P, O'Regan, G, Keeley, H, Cannon, M, Carli, V, Wasserman, C, Hadlaczky, G, Sarchiapone, M, Apter, A, Balazs, J, Balint, M, Bobes, J, Brunner, R, Cozman, D, Haring, C, Iosue, M, Kaess, M, Kahn, JP, Nemes, B, Podlogar, T, Postuvan, V, Saiz, P, Sisask, M, Tubiana, A, Varnik, P, Hoven, CW, Wasserman, D. 2017. *Eur Child Adolesc Psychiatry*. 26: 111-122. 26(1). FI: 3,295 (Q1)
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