

**ANDREA ISIDORI****Curriculum Vitae**

Rome

28.11.2018

**Part I – General Information**

Full Name	Andrea Isidori
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**Part II – Education**

<i>Type</i>	<i>Year</i>	<i>Institution</i>	<i>Notes</i>
<b>University graduation</b>	1999	Sapienza University of Rome	Degree in Medicine 110/110 e lode – Prof. Fabbri / Prof. Dondero
<b>Post-graduate studies</b>	2000-2002	St. Bartholomew's Hospital – Queen Mary University of London	Honorary Clinical Assistant Research Fellow Prof. Besser and Prof. Grossman
<b>PhD</b>	2004-2008	PhD in Scienze e Teconologie Cellulari – Dipt. Istologia ed Embriologia Generale – Sapienza University	Prof. Stefanini
<b>Specialty</b>	1999-2004	Endocrinologia e Malattie del Ricambio – Dipartimento di Fisiopatologia Medica – Sapienza University	Degree 70/70 e lode – Prof. Dondero
<b>Licensure 01</b>	2000	General Medical Council of London	Full Registration # 4747275
<b>Licensure 02</b>	1999	Ordine dei Medici di Roma	Full Registration # M50039

**Part III – Appointments****IIIA – Academic Appointments**

<i>Star</i>	<i>End</i>	<i>Institution</i>	<i>Position</i>
2000	2001	St. Bartholomew's Hospital – London UK	Honorary Clinical Assistant – Prof. Besser
2001	2002	Queen Mary University of London	Research Fellow – Prof. Grossman
03/2008	09/2015	Sapienza University of Rome	Ricercatore a Tempo Indeterminato (Assistant Professor)

02/2014	02/2020	ANVUR (Abilitazione Scientifica Nazionale, prima tornata 2012)	Abilitazione II Fascia con superamento di 3/3 mediane richieste per il settore SSD 06/D2.
<b>10/2015</b>	-	<b>Sapienza University of Rome</b>	<b>Professore Associato (Associate Professor)</b>
<b>04/2017</b>	<b>04/2023</b>	<b>ANVUR (Abilitazione Scientifica Nazionale, bando D.D. 1532/2016)</b>	<b>Abilitazione I Fascia con superamento di 3/3 mediane richieste per il settore SSD 06/D2.</b>

### IIIB – Other Appointments

<i>Star</i>	<i>End</i>	<i>Institution</i>	<i>Position</i>
1998	1998	National Institute of Child health Disease (NICHD), NIH Bethesda, USA Dr ML Dufau	Summer Student in preparation of his Experimental MD thesis
2007	2007	Endocrine Oncology and Molecular Endocrinology – London, UK - Prof. Korbonits - Prof A Clarke	12 months - SIE Exchange research grant for studies on AMPKinase in adipose tissue
2012	2013	AIFA	Advisor for EMA co-rapporteur on a PDE5 inhibitor
2012	2014	SIAMS – Società Italiana di Andrologia e Medicina della Sessualità	Member of Executive Committee
2013	2015	Journal of Endocrinological Investigations	Editorial Board
2014	2015	SIE – Società Italiana di Endocrinologia	Member of Scientific Committee
2014	2015	ISSM – International Society for Sexual Medicine	Appointed for the International Consultation of Sexual Medicine – Madrid 2015
2014	2018	EAA – European Academy of Andrology	Member of Executive Committee (elected during the ECA 2014 Barcelona meeting)
2018	2022	EAA – European Academy of Andrology	Re-elected member of the Executive Committee (elected for a second turn during the ICA 2018 Budapest meeting)
2017	2021	ISA – International Society of Andrology	Elected Treasurer of ISA (elected during the ICA 2017 Copenhagen meeting)
2015	2018	Endocrine (Springer)	Associated Editor
2018	2021	Endocrine (Springer)	Reconfirmed as Associated Editor by the new EIC
2014	2022	European Journal of Endocrinology (official Journal of ESE)	Associate Editor

**III C – Clinical Appointments**

<i>Star</i>	<i>End</i>	<i>Institution</i>	<i>Position</i>
<b>2010</b>	-	<b>Azienda Policlinico Umberto I</b>	Dirigente Medico – DAI Medicina Interna – UOC – Endocrinologia (SMIC08).

**Part IV – Teaching experience**

<i>Year</i>	<i>Institution</i>	<i>Lecture/Course</i>
2008	Sapienza University of Rome	Docenza di Fisiologia, Anatomia e Istologia nel Corso di Laurea CLUPS Infermieristica
2006	Sapienza University of Rome	Docenza nella I° Scuola di Specializzazione in Endocrinologia e Malattie del Ricambio
2008	Sapienza University of Rome	Affidamento nei corsi di Endocrinologia, Medicina della Riproduzione e Metodologia Medico-Scientifica presso la Facoltà di Medicina e Odontoiatria. Patologia Integrata III, V e Metodologia VIII
2010	Sapienza University of Rome	Docenza nel Dottorato di Ricerca in Scienze Endocrinologiche, Metaboliche e Andrologiche
2013	Sapienza University of Rome	Incardinamento in Endocrinologia per CLM in Comunicazione Scientifica Biomedica
2014	Sapienza University of Rome	Responsible for the “Reproductive Medicine” for Applied Pathology V – CLMMC “F”
2016	Sapienza University of Rome	Insegnamento di Endocrinologia Patologia III – CLMMC “A”

**Part V - Society memberships, Awards and Honors**

<i>Year</i>	<i>Title</i>
2001-	Member of the British Endocrine Society (BES)
2002	Awarded with a Travel Grant (USD-1000) issued by the American Endocrine Society.
2002-	Member of the Italian Society of Endocrinology (SIE)
2004-	Academician of the European Academy of Andrology (EAA)
2004-	Member of the Italian Society of Andrology and Sexual Medicine (SIAMS)
2004-	Member of ESSM and ISSM (European and International Societies for Sexual Medicine)

2005	Winner of the "TRONCHETTI" Prize (€5000) issued by the Italian Society of Endocrinology (Società Italiana di Endocrinologia SIE) for the best research by investigators under the age of 30.
2005	Winner of the "Pietrandrea" Prize (€2000) issued by the Rotary Club for the best publication from young investigators.
2006	Winner of a Mobility (Exchange) Grant (€5000) for his international collaboration with the Endocrine Oncology Unit of the Queen Mary University of London, issued by the Italian Society of Endocrinology (Società Italiana di Endocrinologia SIE).
2007	Member of the "American Endocrine Society"(ENDO Society)
2008	Awarded with a Travel Grant (€1000) from the International Society of Endocrinology for his oral presentation to the Conference in Rio the Janeiro.
2008	Member of the "European Society of Endocrinology"(ESE)
2012	Best Oral Presentation at ESSM in Amsterdam (€2000).
2013	Awarded with the ISA Young Andrologist Award - (\$1000) [The award is presented at the International Conference of Andrology held in Melbourne Feb 2013, Australia]. This is the most prestigious international award in the field of medical Andrology, given every 4 years to the few young researchers that produced outstanding achievements in the field.
2015	Winner of the "UNDER-40 CARRIER AWARD" (€5000) issued by the Italian Society of Endocrinology (Società Italiana di Endocrinologia SIE) for the best carrier of a researcher under the age of 40.

#### Part VI - Funding Information [grants as PI-principal investigator or I-investigator]

<i>Year</i>	<i>Title</i>	<i>Program</i>	<i>Unit Grant value</i>
2008	<b>PI- National Research Coordinator:</b> Molecular, metabolic and hormonal profiling of prostate cancer progression. (Total Grant €25.160)	PRIN 2008	€0800
2008	I- Investigator: EndoTrial – Studio di comparazione sugli inibitori delle fosfodiesterasi.	Società Italiana di Endocrinologia	€10000
2008	<b>I- Investigator:</b> Progetto Strategico Salute della Donna – Responsabile Sottogruppo (IFO-San Gallicano) - Ormoni sessuali come determinanti "di genere" nella risposta immune e nello sviluppo di malattie autoimmuni e metaboliche. (Total Grant – Prof. Vella - 2,4 milioni)	Ricerca Finalizzata Min. Salute	€8000
2010	<b>PI- National Research Coordinator:</b> The phosphodiesterase system as a novel target in the pathophysiology of	FIRB Futuro in Ricerca 2010	€09200

	diabetic cardiomyopathy. Molecular, clinical and functional studies on the neuro-endocrine adaptive mechanisms in striated muscle cells and endothelial cells. (Total Grant €545200)		
2015	<b>PI - National Research Coordinator:</b> Defective tissue repair in metabolic disorders: untangling its role and key mechanisms for novel therapeutic approaches (Total Grant €605054)	PRIN 2015	€102443

## Part VII – Research Activities

<i>Keywords</i>	<i>Brief Description (A.I. the candidate)</i>
Testosterone	<p>A.I. research activity has focused on steroid hormones – specifically androgens and glucocorticoids- and their interactions with cardiovascular disorders.</p> <p>A.I. dedicated his early career exploring the interactions between adipokines, steroid hormones and gonadal steroidogenesis. His basic and clinical experimental studies discovered and characterized the molecular mechanism linking leptin to the 17-20-lyase activity of Leydig cells. Subsequently, A.I. moved to investigate the effects of steroid hormonal therapies in male hypogonadism and female hyperandrogenism, and how these could impact on cardiovascular health. In this field he has pioneered the studies on androgens – type 5 phosphodiesterase interactions in vascular pathophysiology.</p> <p>While in UK A.I. dedicated his research activity to glucocorticoid excess. In particular he produced several original studies on diagnostic tests, including imaging and pathophysiology of Cushing’s syndrome. His pioneering works on ectopic Cushing’s are among the most highly cited.</p> <p>Back to Rome, A.I. brought his knowledge in diagnostic medicine and imaging learnt in UK and set up a diagnostic facility that is now producing exciting findings on steroid hormones’ neoplasm, including Leydig-cell tumors and testicular cancer. In Rome, A.I. has continued his clinical translational research in the field of glucocorticoids focusing on adrenal insufficiency and the interplay between glucocorticoids, the immune system and the clock-genes.</p> <p>Because of A.I. large clinical activity, he has continued to produce clinical works on various aspects of pituitary disorders and neuroendocrine tumors.</p> <p>Finally, A.I. has merged his different expertise in andrology, sexual medicine and endocrinology starting a research area dedicated to the role of PDE5i in cardiovascular function, tissue repair and cardiac remodeling and regeneration, that is currently ongoing with simultaneous basic and clinical translational approach.</p>
Glucocorticoids and Adrenal disorders	
Diagnostic Imaging in Endocrine Disorders	
Phosphodiesterase: specifically PDE5 and PDE2	
Sexual Medicine	
Diabetic cardiomyopathy	
Pituitary e Neuroendocrine Tumours	

**Part VIII – Summary of Scientific Achievements**

<i>Product type</i>	<i>Number</i>	<i>Data Base</i>	<i>Start</i>	<i>End</i>
Papers [international] peer reviewed.	152	Medline, Scoups, ISI Web of Science	1999	-
Books [scientific] international	1	AMN (reprint by Springer in 2018) — Morphofunctional Atlas of Scrotal Ultrasound	1998	2015
Books [scientific] international	1	Ultrasound of the Testis for the Andrologist - Trends in Andrology and Sexual Medicine – Springer Nature	2018	-
Books [teaching] international	1	Wiley-Blackwell's "Atlas of Endocrine and Metabolic Disease", May 2012 Eds. Paolo Pozzilli, Andrea Lenzi, Bart L. Clarke and William Young	2012	
Books National	3	Carocci, Minverva Medica	2011	-

**Part VIII B – Bibliometrics**

	<b>SCOPUS</b>	<b>Google-Scholar</b>
Number of Published articles	152	152
Total Impact factor	637,3	637,3
Total Citations	6346	9672
Average Citations per Product	41,7	63,6
Hirsch (H) index	41	52
Normalized H index*	31/19=2.16	
Author ID	55183511100	
Ranking in Italian TOP Scientists		Position 76

\*H index divided by the academic seniority (defined from graduation in MD).