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Decreto Rettore Università di Roma "La Sapienza" D.R. n. 3699/2019 del 29.11.2019

CAROLA SEVERI

Curriculum Vitae

ROMA, January 18th 2020

Part I – General Information

Full Name	CAROLA SEVERI
Spoken Languages	Italian, English, French

Part II – Education

Type	Year	Institution	Notes (Degree, Experience,...)
School Graduation	1995	Lycée Chateaubriand - Roma	Diplome de Baccalaureat Generale en Serie Scientifique
University graduation	1981	University Sapienza of Rome	Medical Degree with full marks
Licensure	1982	Italian Medical Register	Registration n°31554
Specialty	1986	University Sapienza of Rome	Gastroenterology with full marks
	2001	University Sapienza of Rome	Clinical Pathology with full marks
Post-graduate studies	1985-86	Medical College of Virginia, Virginia Commonwealth University (USA)	Doctoral fellow in Gastroenterology Research Laboratory
PhD	1992	University Sapienza of Rome	Gastrointestinal Sciences
Post-doctoral training	1993-95	University of L'Aquila	Department of Biochemistry

Part III – Teaching experience

Year	Institution	Lecture/Course
2003 - Present	University Sapienza of Rome	Gastroenterology in the Nursing School "M", with teaching ownership from 2014
2006-2011	University Sapienza of Rome	Gastroenterology in Surgical Medical Methodology Teaching Modules - Medical Degree course "A"
2011 - Present	University Sapienza of Rome	Gastroenterology in Integrated Pathology and Integrated Scientific Medical Methodology Teaching Modules - Medical Degree course "D"
2014 - Present	University Sapienza of Rome	Coordinator of Integrated Course in Clinical Methodology in the Medical Degree course "D" of the School of Medicine

2000 - 2006	University Sapienza of Rome	Member of Professors Board of PhDs courses
2006-2015	University Sapienza of Rome	Member of Professors Board of PhD course in Experimental and Clinical Hepatogastroenterology
2016-2018		

Part IV – Medical Experience

Year	Institution	Position
1999 - Present	Azienda Policlinico Umberto I-Roma	Medical Assistant in Gastroenterology
2017 - Present	Azienda Policlinico Umberto I-Roma	High-specialty professional assignment – Acid-related gastrointestinal diseases

Part V – Appointments

VA – Academic Appointments

Start	End	Institution	Position
1999	Present	University Sapienza of Rome	Assistant Professor in Gastroenterology
2000	2008	University Sapienza of Rome	Vice-Director of the Specialty School in Gastroenterology
2007	Present	University Sapienza of Rome	Coordinator of the Didactics Commission of Nursing School
2010	2015	University Sapienza of Rome	Member of the Steering Committee of Dept. of Internal Medicine and Medical Specialties
2017	2019		
2012	2016	University Sapienza of Rome	Member of the Steering Committee of School of Medicine
2015	2016	University Sapienza of Rome	Member of Research Committee of School of Medicine
2016	Present	University Sapienza of Rome	Member of Technical Committee of Didactics Pedagogical Planning in Medical degree course “D” of the School of Medicine AND Vice-coordinator of semester in the Medical Degree course “D” of the School of Medicine
2017	Present	Ministry of Education, Universities and Research	Italian National Scientific Qualification for Associate Professor

VB – Other Appointments

Start	End	Institution	Position
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2006	2012	National College of University Professors in Gastroenterology (UNIGASTRO)	Member of Steering Committee - Secretary from 2009-2012
2012	2014	Italian Society of Gastroenterology (SIGE)	Member of Research Committee
2018	Present	National College of University Professors in Gastroenterology (UNIGASTRO)	Member of Steering Committee

Part VI - Society memberships, Awards and Honors

Year	Title
1982-present	Italian Society of Gastroenterology (SIGE)
1998	Member of PhD Commission, as Branch Specialist, for PhD thesis "Response contractile des cellule musculaire lisses isolées du colon humain normal et inflammatoire, at Montpellier University (Groupe de Disciplines Pharmaceutiques du CNU section 41 Biochimie Fondamentale et Clinique)
2012-present	European Society of Neurogastroenterology and Motility (ESNM)

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

Year	Title	Program	Grant value
2009	Diagnostic, clinical and therapeutic perspectives in Helicobacter pylori pangastritis (PI)	University	12000 €
2009	Gastrointestinal Muscle homeostasis in humans: the role of pro- and anti-inflammatory molecules	Ministry of Education, Universities and Research (PRIN)	54825 €
2010	New therapeutic strategies on biological targets of neuromotor gastrointestinal diseases (PI)	University	7500 €
2011	Interactions between Helicobacter pylori and enteric muscle in the pathogenesis of gastric motor disorders (PI)	University	8000 €
2012	Functional gastrointestinal disorders in obesity: a translational study to define the role of enteric muscle (PI)	University	30946 €
2013	Functional gastrointestinal disorders in obesity: a translational study to define the role of enteric muscle (PI)	University	8000 €

2015	Health impact of tartary buckwheat rich diet in humans: a translational study to explore its effects on impaired nutritional status and leaky gut-related disorders and to promote the rediscovery of the economic importance of its production and marketing (PI)	University	22000 €
2016	Intestinal fibrosis: the role of mucosal mediators in morphofunctional alterations of human mesenchymal cells (PI)	University	10000 €
2017	Nutraceutical management of diverticular disease: a translational study on anti-inflammatory and antioxidant effects of functional food (PI)	University	31750 €
2017	Finanziamento delle attività base di ricerca (Bando Nazionale GU n.297 del 21-12-2016- suppl. Ord n.57)	ANVUR	7000 €
2018	Age and gender role in the development of complicated diverticular disease (PI)	University	10000 €

Part VII – Research Activities

Keywords

Neurogastroenterology
Gastrointestinal smooth muscle
Gastric diseases
Gastrointestinal peptides
Functional gastrointestinal disorders

Brief Description

Pathophysiology of digestive neuromuscular and secretory disorders (SECTOR: LS4)

During the early years of her academic career, the main purpose of the research has been to define the role of neuroendocrine peptides on various gastrointestinal functions, both in vivo in humans and on cells isolated from the digestive tract of laboratory animals. Thereafter, the research focused on neuroendocrine control of enteric motor activity and on alterations in gastrointestinal muscle in humans. In recent years, research projects have been developed to clarify the contribution of smooth muscle in motor disorders associated to inflammatory and infectious gastrointestinal diseases, both during the acute phase and especially after their remission (i.e. post-infectious disorders). Further recent research topic has been the enteric motility in obesity. At the same time, recent clinical studies have focused on gastric acid secretion disorders during infectious and autoimmune diseases.

C.S. is the Supervisor of the Basic Research Lab of Gastrointestinal Physiopathology in the Department of Internal Medicine and Medical Specialties, University Sapienza of Rome. As evident from her CV, the recent research projects have been conducted in collaboration with other Medicine and Surgery Departments of Università Sapienza and with the Department of Drug Research and Evaluation of the Italian Superior Health Institute (ISS), the Department of Cellular Biology of the Italian National Research Council (CNR), the Rome Campus BioMedico and the Experimental Pharmacology Laboratory of IRCSS S.de Bellis of Castellana Grotte (BA). With the research grants it has been possible to activate 5 research contracts (2011, 2012, 2013, 2016, 2017) and a

PhD in co-tutorship with INSERM 795 Laboratory at the University of Lille (France).

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Part V – Research Appointments and Editorial activities

Start	End	Institution	Position
2006	2009	Università Sapienza – Surgical and Gastroenterological PhD course	Supervisor of European Label Research Doctoral Thesis
2011	2019	Dept Internal Medicine and Medical Specialties – University Sapienza Roma	Supervisor of 5 research contracts
2010	2015	National College of University Professors in Gastroenterology (UNIGASTRO)	Member of the Editorial Board of the Gastroenterology textbooks
2015	2019	IRCSS De Bellis di Castellana Grotte	Supervisor of Scientific Cooperation agreement
2018	Present	ABOCA S.p.A	Supervisor of Scientific Cooperation agreement
2007	Present	Current trends in Biochemistry and Pharmacy (ISSN 0973-8916)	Member Editorial Board
2016	Present	Scientific Reports-Nature (ISSN 20145-2322)	Member Editorial Board
2018	Present	F1000 Research Prime (ISSN 2046-1402)	Faculty Member
2015	Present	International Journals Research Foundation - Flanders	International Journals and Grants Referee
2015	Present	National and International Congress	Speaker

Part VIII – Summary of Scientific Achievements

Product type	Number	Data Base	Start	End
Papers [international]	78	SCOPUS	1981	2020
Books [scientific]	4	U-Gov ricerca	1986	2020
Books [teaching]	7	U-Gov ricerca	2004	2020

Total Impact factor (IF 2018)	348,31
Total Citations	1597
Average Citations per Product	20,47
Hirsch (H) index	19
Impact factor last 10 years	113,16
Internat. papers in the last 10 years	40

Part IX– Selected Publications

PUBLICATIONS	IF 2018
1. Ribichini E , Stigliano S, Rossi S, Zaccari P , Sacchi MC, Bruno G, Badiali D, Severi C . Role of Fibre in Nutritional Management of Pancreatic Diseases. <i>Nutrients</i> 2019, 11, 2219	4,171
2. Bruno G, Zaccari P, Rocco G, Scalese G, Panetta C, Porowska B, Pontone S, Severi C . Proton pump inhibitors and dysbiosis: Current knowledge and aspects to be clarified. <i>World J Gastroenterol.</i> 2019;25(22):2706-2719.	3,411
3. Virili C, Stramazzo I, Santaguida MG, Bruno G, Brusca N, Capriello S, Cellini M, Severi C , Gargano L, Centanni M. Ulcerative Colitis as a Novel Cause of Increased Need for Levothyroxine. <i>Front Endocrinol (Lausanne).</i> 2019;10:233.	3,634
4. Scirocco A, Pallotta L, Rengo M, Ignazzi A, Carabotti M, Cicienia A, Vona R, Chirletti P, Maselli MA, Donghia R, Coluzzi M, Matarrese P, Silecchia G, Severi C . Myogenic oxidative imbalance interferes with antral motility in obese subjects. <i>Dig Liver Dis.</i> 2018 Aug;50(8):820-827.	3,037
5. Guarino MP, Barbara G, Cicienia A, Altomare A, Barbaro MR, Cocca S, Scirocco A, Cremon C, Emerenziani S, Stanghellini V, Cicala M, Severi C . Supernatants of Irritable Bowel Syndrome mucosal biopsies impair human colonic smooth muscle contractility. <i>Neurogastroenterol Motil,</i> 2017, 29(2):e12928	3,842
6. Guarino MP, Cicala M, Putignani L, Severi C . Gastrointestinal neuromuscular apparatus: An underestimated target of gut microbiota. <i>World J Gastroenterol.</i> 2016 Dec 7;22(45):9871-9879.	3,411
7. Scirocco A, Matarrese P, Carabotti M, Ascione B, Malorni W and Severi C . Cellular and molecular mechanism of phenotypic switch in gastrointestinal smooth muscle cells. <i>J Cell Physiol,</i> 2016;231(2):295-302.	4,080
8. Carabotti M, Lahner E, Porowska B, Colacci E, Trentino P, Annibale B, Severi C . Are clinical features able to predict <i>Helicobacter pylori</i> gastritis patterns? Evidence from tertiary centers. <i>Intern Emerg Med</i> 2014, 9(8):841-5	2,624
9. Carabotti M, Silecchia G, Greco F, Leonetti F, Piretta L, Rengo M, Rizzello M, Osborn J, Corazziari E, Severi C . Impact of laparoscopic sleeve gastrectomy on upper gastrointestinal symptoms. <i>Obes Surg.,</i> 2013, 23 (10), 1551-1557.	3,947
10. Matarrese P, Petitta C, Scirocco A, Ascione B, Ammoscato F, Di Natale G, Anastasi E, Marconi M, Chirletti P, Malorni W, Severi C . Antioxidants counteract lipopolysaccharide-triggered alterations of human colonic smooth muscle cells. <i>Free Radic Biol Med.,</i> 2012; 53(11):2102-11.	5,271
11. Lahner E, Norman GL, Severi C , Encabo S, Shums Z, Vannella L, Delle Fave G, Annibale B. Reassessment of intrinsic factor and parietal cell autoantibodies in atrophic gastritis with respect to cobalamin deficiency. <i>Am J Gastroenterol.</i> 104(8): 2071-2072, 2009.	6,012
12. C. Severi , I. Tattoli, V.D. Corleto, M.A. Maselli, P. Trisolini, G. Delle Fave. Vasoactive Intestinal Peptide receptor subtypes and signalling pathways involved in relaxation of human stomach. <i>Neurogastroenterol. Motil.,</i> 18, 1009-1018, 2006.	3,842

Roma 3 febbraio 2020

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