


CONTACT

Prof. Gianluigi Zaza

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Date of birth 01/05/1974 | Place of birth Corato (BA) | Nationality Italian

Work address Renal Unit, Department of Medicine, University of Verona Piazz.le Stefani, 1
37126 Verona, Italy**CURRENT POSITION**

Associate professor of Nephrology, Department of Medicine, University of Verona, Italy

EDUCATION AND TRAINING

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| 2000 | MD Degree. Thesis "Prospective study of the biocompatibility of two peritoneal dialysis solutions: evaluation of peritoneal membrane integrity and functionality". University of Bari |
| 2000-2005 | Post-graduate School of Nephrology. Dept. Of Emergency and Organ Transplantation (D.E.T.O), Division of Nephrology, Dialysis and Transplantation, University of Bari (Prof. F. P. Schena), Italy. Thesis: "Functional analysis and gene expression of activated CD8+ T cells using an in vitro model of clear cells renal cell carcinoma (RCC)." |
| Nov 2002 - Dec 2004 | "Research Fellow", Department of Pharmaceutical Sciences, St. Jude Children's Research Hospital, Memphis, TN, USA (Prof. W.E. Evans) with a SIN (Italian Society of Nephrology) fellowship for the project: pharmacogenomics of mycophenolate mofetil (MMF), treatment of primary and secondary glomerulonephritis" |
| July 2002 | International workshop on CAPD and CRF Sheffield Kidney Institute, Sheffield, UK |
| December 2002 | Advanced English course, University of Memphis, TN, USA. |
| May 2005 | National course for Transplant Organ Coordinators. "Transplant Procurement Management (TPM)". |
| April 2008 - April 2011 | PhD degree, thesis: "Mitochondrial dysregulation and oxidative stress in patients with chronic kidney disease. A genomic approach" Dept. of Clinical Pharmacology, University of Bari, Italy. |

POSITIONS/CLINICAL/INSTITUTIONAL ACTIVITY

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| 04/07/2006 – 31/05/2009 | Staff Physician, Apulia Transplantation Regional Center, Policlinic-University of Bari, Italy |
| 01/06/2009 – 31/10/2009 | Staff Physician, Emilia-Romagna Transplantation Regional Center / AIRT Inter-regional Center, Policlinic S. Orsola-Malpighi, Bologna, Italy |
| 16/11/2009 – 30/07/2010 | Staff Physician, Apulia Transplantation Regional Center / AIRT Inter-regional Center, Policlinic – University of Bari, Italy |
| 31/07/2010 – 30/09/2011 | Staff Physician, Division of Nephrology, Dialysis and Transplantation, Martina Franca Hospital (TA), ASL-TA, Italy |
| 01/10/2011 – 30/10/2011 | Staff Physician, Renal Unit, Ospedale Civile Maggiore, Verona, Italy |
| 01/11/2011 – 30/09/2017 | Assistant Professor, Renal Unit, Department of Medicine, School of Medicine, University of Verona, Italy |
| 01/10/2017 – today | Associate Professor, Renal Unit, Department of Medicine, School of Medicine, University of Verona, Italy |

SCIENTIFIC ACTIVITY

The scientific activity of Prof. Zaza, Chief of the Renal Translational Research Group of the University of Verona, resulted in more than 100 publications in national and international journals (80 articles published in peer-reviewed journals and included in the Scopus and Web of Science database) on the following research fields:

1. Recognition of biological elements regulating chronic inflammation and oxidative stress in patients with chronic kidney disease in conservative and dialysis treatment;
2. Study of mitochondrial oxidative phosphorylation system in circulating inflammatory-immune cells of uremic patients;
3. Identification of new diagnostic biomarkers for organ transplant complications, glomerular diseases, tubule-interstitial renal diseases and systemic transplant comorbidities;
4. Selection of key biological elements involved in delayed graft function (DGF) by using microarray technology associated with classical biomolecular research methodologies;
5. In vitro and in vivo definition of the biomolecular machinery associated with the onset and development of organ fibrosis and chronic allograft dysfunction in renal transplant patients undergoing immunosuppressive treatment (in particular mtor inhibitors);
6. Development of biomarkers for IgA nephropathy and Medullary Sponge Kidney Disease (MSK);
7. Pharmacogenomics/genetics of the main immunosuppressive agents employed in renal transplantation.

MAIN INTERNATIONAL SCIENTIFIC COLLABORATIONS

- Department of Pharmaceutical Sciences, St. Jude Children's Research Hospital, Memphis, TN, USA;
- Department of Immunology, Erasmus Medical Center, Rotterdam, The Netherlands;
- PharmGKB-NIH/NIGMS Pharmacogenetics Research Network, USA;
- Division of Nephrology at Columbia University College of Physicians and Surgeons, New York, USA;
- United Kingdom (UK) 10K Consortium

REVIEWER/ EDITORIAL ACTIVITY

- Reviewer for** Nephrology, Dialysis and Transplantation (NDT), American Journal of Nephrology, Journal of Nephrology, PLOS ONE, BMC medical genomics, BioMed Research International, The Journal of Infectious Diseases, European Journal of Inflammation.
- 01/01/2012 – 31/12/2012** Editorial Board Membership of "Giornale Italiano di Nefrologia" (ISSN 0393-5590. Wicking Editore)
- 01/01/2013 – today** Editorial Board Membership of "Giornale di Tecniche Nefrologiche e Dialitiche" (ISSN 1724-5990. Wicking Editore)
- 07/08/2014 - today** Editorial Board Membership of "Journal of Nephrology" (ISSN: 1724-6059. Springer editore)
- 05/05/2017 - today** Editorial Board Membership of "Current Pharmacogenomics and Personalized Medicine". ISSN: 1875-6913 (Online), ISSN: 1875-6921 (Print)

AWARDS

- 2003** Italian Society of Nephrology (SIN) Fellowship for post-doc international research program (USA)
- 2003** Award at 45th American Society of Hematology (ASH)
- 2006** Travel Grant of the European Dialysis and Transplant Association (EDTA)

- 2006 Award for the best abstract on Dialysis “Primo incontro con la giovane nefrologia”
- 2007 Italian Society Award for the best oral communication on Renal Transplantation
- 2009 Award for the best young scientific contribution for the Italian Society of Organs transplantation (SITO)
- 2013 Award Young Investigator “Domenico Cotugno” della Società Apulo-Lucana di Nefrologia, Italian Society of Nephrology (SIN)
- 2013 Winner of the first “GREEN” project Award (Young investigators and Everolimus in organ transplantation)
- 2018 Award Thomas Starlz for the best scientific research in solid organ transplantation. Granted from the Italian Society of Organs transplantation (SITO)

MEMBERSHIP

- 01/01/2000 - today Member of the Italian Society of Nephrology (SIN)
- 01/01/2009 - today Member of the Italian Society of Organ Transplantation (SITO)
- 2012 - today Member of the European Society of Nephrology (ERA-EDTA)

EDITORIAL BOARDS OF MEETING

- 20/09/2017 Member of the Scientific Board of the “Multidisciplinary approaches kidney experience interactive touch (MAKEIT)”, Bologna.
- 05/12/2017 Chief of the Board of the meeting: “L’istologia nel trapianto renale: dalla lettura biptica al letto del paziente. Centro medico culturale “G. Marani”, Ospedale Borgo Trento, Verona.
- 15/01/2018 – 15/12/2018 Chief of the Scientific Board of the “Corso di Formazione a Distanza”, Transplant Itineran interactive way about transplant

PEER-REVIEWED GRANTED NATIONAL PROJECTS

- 25/11/2012 – 25/11/2013 PRINCIPAL INVESTIGATOR: Research Grant of the Italian Society of Nephrology (SIN) for the project “Analisi delle variazioni genomiche indotte dal trattamento di pazienti affetti da anemia secondaria ad insufficienza renale cronica con darbopoietina alfa: un approccio combinato tra trascrittomica e biologia molecolare classica”
- 01/09/2014 – 01/08/2016 PRINCIPAL INVESTIGATOR: Founded project by Italian Fondation cystic fibrosis 2014 (project code: FFC#28/2014). Title: In vitro study of potential pro-fibrotic effect of Everolimus in different human air way cell lines. Searching for new biomarkers to optimize mTOR-inhibitor immunosuppressive treatment of cystic fibrosis patients undergoing lung transplantation.
- 01/12/2014 - today CHIEF OF UNIT: Founded project by MINISTERO DELLA SALUTE, RICERCA FINALIZZATA/GIOVANI RICERCATORI BANDO 2011-2012 (Project code: GR-2011-02350438) “Development of the first biomarker for diagnosis of IgA Nephropathy”.
- 01/01/2015 - today CHIEF OF UNIT: Founded project by FONDAZIONE CARIVERONA 2015. Title: Sequenziamento massivo (next-generation sequencing) del genoma umano: verso una interpretazione sartoriale della variabilità individuale della risposta al farmaco. Una proposta trasversale.

SUMMARY OF THE ONGOING CLINICAL ACTIVITY

Prof. Zaza continues his clinical activities as medical Doctor involved in nephrology, dialysis and renal transplant patients' care at the Verona Renal Unit, Department of Medicine. In particular, he is Chief of the Renal Transplant follow-up maintenance group. Verona Renal and Dialysis Unit is one of the largest nephrology care unit in Italy being actually in charge of more than 300 dialysis patients and a large number of out-patients.

SELECTED INVITED LECTURES (LAST 5 YEARS)

- May 2013 Strategie immunosoppressive nel trapianto: focus su innovazione e personalizzazione della terapia. Milano. TITLE: Presentazione degli elaborati relativi all'immunosoppressione nel trapianto di rene.
- September 2013 1st Meeting on OMICS toward the system biology approach in renal diseases and transplantation. Tecnopolis-Scientific and Technological Park, Valenzano (BARI). TITLE: Omics in nephrology.
- September 2013 54° Congresso Nazionale della Società Italiana di Nefrologia (SIN). Firenze. TITLE: Genomica e Transcrittomica in nefrologia, dialisi e trapianto: update.
- September 2013 27° Congresso Nazionale SIMeL. Torino (TO). TITLE: Innovazione ed Evidenze in Medicina di Laboratorio.
- November 2013 XIX Congresso Italiano della Fibrosi Cistica/Congresso Nazionale della Società Italiana per lo studio della Fibrosi Cistica. Terrasini (PA). TITLE: Il Rischio Nefrologico.
- September 2014 30° Riunione della Sezione Triveneta della Società Italiana di Nefrologia. Bassano del Grappa. TITLE: Genomica e trascrittomica: un valido strumento per la ricerca in nefrologia, dialisi e trapianto.
- December 2014 Attualità in tema di Trapianto renale. Auditorium-Centro per i Servizi Sanitari, Trento. TITLE: mTOR-I ying and yang.
- July 2015 XXI Corso di aggiornamento in nefrologia. Italiana Hotels. Cosenza. TITLE: NUOVE FRONTIERE NEL TRATTAMENTO DEI PAZIENTI AFFETTI DA MALATTIE RENALI: Farmacogenomica e medicina personalizzata.
- October 2015 Titolo del Congresso: IV Incontro Medici-Pazienti dell'Associazione Italiana Lotta alla Sclerodermia. Riabilitazione e Cure. Verona. TITLE: Il rene nella Sclerodermia.
- March 2016 Proposta di PDTA della rete oncologica veneta per i pazienti affetti da carcinoma del rene. auditorium San Gaetano, Padova. TITLE: Aspetti nefrologici pre- e post-trattamento.
- April 2016 Verona Transplant Meeting 2016. Verona. TITLE: Nephrologists at work: Donatore vivente con criteri estesi.
- December 2016 XVIII Convegno del gruppo di studio dialisi peritoneale. Centro Congressi Salinello-Tortoreto Lido (TE), Giulianova. TITLE: Dialisi Peritoneale e ricerca di base.
- May 2016 Donazione e trapianto di rene da cadavere e vivente. Azienda Ospedaliera Universitaria Integrata di Verona. TITLE: Il ruolo del nefrologo.
- October 2016 57° Congresso Nazionale della Società Italiana di Nefrologia (SIN). MiCo Milano Congressi, Milano. TITLE: L'identificazione dei pazienti in cui è possibile minimizzare la terapia immunodepressiva a lungo termine.
- November 2016 2° evento formativo del GRUPPO INTERDISCIPLINARE MALATTIE DEL FERRO-GIMFer-Centro di Riferimento regionale per le Malattie del Ferro-DISORDINI DEL METABOLISMO DEL FERRO: UN PANORAMA IN ESPANSIONE. Verona. TITLE: Ferro e insufficienza renale cronica.
- May 2017 XXII Corso di aggiornamento in nefrologia, 19 Maggio 2017 Parco degli Enotri Mendicino (Cs) e 20 Maggio 2017 Villa Rendano Cosenza. TITLE: Nuovi target terapeutici per il trattamento della fibrosi renale.
- September 2017 Multidisciplinary approaches kidney experience interactive touch (MAKEIT). TITLE: Role of mTOR-I in renal physiology and biology, Bologna.
- December 2017 L'istologia nel trapianto renale: dalla lettura biotipica al letto del paziente, Ospedale Borgo Trento, Verona. TITLE: Variabilità farmacologica dei CNI e impatto sulla funzionalità del graft: ruolo della biopsia per la corretta gestione clinica.
- February 2018 Nuove sfide per la terapia immunosoppressiva nel trapianto renale, 22 Febbraio 2018 Aula Lenti AOU Città della Salute e delle Scienze di Torino. TITLE: La Fibrosi nel rene trapiantato dalla biopsia del donatore all'IF/TA.

PUBLICATIONS

1. **Zaza G**, Granata S, Caletti C, Signorini L, Stallone G, Lupo A. mTOR Inhibition Role in Cellular Mechanisms. *Transplantation*. 2018 Feb;102(2S Suppl 1):S3-S16
2. Mantovani A, **Zaza G**, Byrne CD, Lonardo A, Zoppini G, Bonora E, Targher G. Nonalcoholic fatty liver disease increases risk of incident chronic kidney disease: A systematic review and meta-analysis. *Metabolism*. 2018 Feb;79:64-76 **SCOPUS**: 2-s2.0-85036498397
3. Masola V, **Zaza G**, Bellin G, Dall'Olmo L, Granata S, Vischini G, Secchi MF, Lupo A, Gambaro G, Onisto M. Heparanase regulates the M1 polarization of renal macrophages and their crosstalk with renal epithelial tubular cells after ischemia/reperfusion injury. *FASEB J*. 2018 Feb;32(2):742-756. **WOS**: 000425146900018 **SCOPUS**: 2-s2.0-85041652734
4. Signorini L, Granata S, Lupo A, Zaza G. Naturally Occurring Compounds: New Potential Weapons against Oxidative Stress in Chronic Kidney Disease. *Int J Mol Sci*. 2017 Jul 10;18(7). **WOS**: 000408746800150 **SCOPUS**: 2-s2.0-85023595201
5. Cacciamani G, Cima L, Ficial M, Novella G, Siracusano S, Tedeschi U, Balzarro M, Montin U, Cerruto MA, De Marco V, Porcaro AB, Hes O, D'Errico A, Martignoni G, Ghimenton C, **Zaza G**, Artibani W, Brunelli M, Eccher A. Liver Metastases From Renal Oncocytoma With Vascular Extension. *Appl Immunohistochem Mol Morphol*. 2017 Jul 4. **SCOPUS**: 2-s2.0-85022066094
6. Tachmazidou I, Süveges D, Min JL, Ritchie GRS, Steinberg J, Walter K, Lotchkova V, Schwartzentruber J, Huang J, Memari Y, McCarthy S, Crawford AA, Bombieri C, Cocca M, Farmaki AE, Gaunt TR, Jousilahti P, Kooijman MN, Lehne B, Malerba G, Männistö S, Matchan A, Medina-Gomez C, Metrustry SJ, Nag A, Ntalla I, Paternoster L, Rayner NW, Sala C, Scott WR, Shihab HA, Southam L, St Pourcain B, Traglia M, Trajanoska K, **Zaza G**, Zhang W, Artigas MS, Bansal N, Benn M, Chen Z, Danecek P, Lin WY, Locke A, Luan J, Manning AK, Mulas A, Sidore C, Tybjaerg-Hansen A, Varbo A, Zoledziewska M, Finan C, Hatzikotoulas K, Hendricks AE, Kemp JP, Moayyeri A, Panoutsopoulou K, Szpak M, Wilson SG, Boehnke M, Cucca F, Di Angelantonio E, Langenberg C, Lindgren C, McCarthy MI, Morris AP, Nordestgaard BG, Scott RA, Tobin MD, Wareham NJ; SpiroMeta Consortium; GoT2D Consortium; Burton P, Chambers JC, Smith GD, Dedoussis G, Felix JF, Franco OH, Gambaro G, Gasparini P, Hammond CJ, Hofman A, Jaddoe VVW, Kleber M, Kooner JS, Perola M, Relton C, Ring SM, Rivadeneira F, Salomaa V, Spector TD, Stegle O, Toniolo D, Uitterlinden AG; arcOGEN Consortium; Understanding Society Scientific Group; UK10K Consortium; Barroso I, Greenwood CMT, Perry JRB, Walker BR, Butterworth AS, Xue Y, Durbin R, Small KS, Soranzo N, Timpson NJ, Zeggini E. Whole-Genome Sequencing Coupled to Imputation Discovers Genetic Signals for Anthropometric Traits. *Am J Hum Genet*. 2017 Jun 1;100(6):865-884 **WOS**: 000402700600004 **SCOPUS**: 2-s2.0-85019940063
7. **Zaza G**, Dalla Gassa A, Felis G, Granata S, Torriani S, Lupo A. Impact of maintenance immunosuppressive therapy on the fecal microbiome of renal transplant recipients: Comparison between an everolimus- and a standard tacrolimus-based regimen. *PLoS One*. 2017 May 24;12(5):e0178228. **WOS**:000402061500076
8. Pertica N, Ciciarella L, Carraro A, Montin U, Violi P, Lupo A, **Zaza G**. Safety and Efficacy of Citrate Anticoagulation for Continuous Renal Replacement Therapy for Acute Kidney Injury After Liver Transplantation: A Single-Center Experience. *Transplant Proc*. 2017 May;49(4):674-676 **WOS**: 000400954100012 **SCOPUS**: 2-s2.0-85018254974
9. Abassi Z, Hamoud S, Hassan A, Khamaysi I, Nativ O, Heyman SN, Muhammad RS, Ilan N, Singh P, Hammond E, **Zaza G**, Lupo A, Onisto M, Bellin G, Masola V, Vlodyavsky I, Gambaro G. Involvement of heparanase in the pathogenesis of acute kidney injury: nephroprotective effect of PG545. **WOS**: 000402051700020 **SCOPUS**: 2-s2.0-85019864121
10. Corino I, Ria P, Pertica N, **Zaza G**, Lupo A. [HFR equilibrium can be an answer to malnutrition and hypotension in dialysis: case report]. *G Ital Nefrol*. 2016 Nov-Dec;33(6). pii: gin/33.6.8. **SCOPUS**: 2-s2.0-85031745232
11. Masola V, Granata S, Bellin G, Gambaro G, Onisto M, Rugiu C, Lupo A, **Zaza G**. Specific heparanase inhibition reverses glucose-induced mesothelial-to-mesenchymal transition. *Nephrol Dial Transplant*. 2017 Jul 1;32(7):1145-1154 **WOS**: 000405421100009 **SCOPUS**: 2-s2.0-85028777254
12. Eccher A, Boschiero L, Delahunt B, Cima L, Fior F, Nacchia F, Rostand M, Carraro A, Tedeschi U, **Zaza G**, Casartelli Liviero M, Zampicininini L, Chilosi M, Feltrin G, Rago C, D'Errico A, Ghimenton C, Martignoni G, Brunelli M. De Novo Renal Neoplasia After Kidney Transplantation According to New 2016 WHO Classification of Renal Tumors. *Ann Transplant*. 2016 Dec 6;21:745-754. **WOS**: 000395532300001 **SCOPUS**: 2-s2.0-85006728122
13. Fabris A, Bruschi M, Santucci L, Candiano G, Granata S, Dalla Gassa A, Antonucci N, Petretto A, Ghiggeri GM, Gambaro G, Lupo A, **Zaza G**. Proteomic-based research strategy identified laminin subunit alpha 2 as a potential urinary-specific biomarker for the medullary sponge kidney disease. *Kidney Int*. 2017 Feb;91(2):459-468. **WOS**: 000392582000026 **SCOPUS**: 2-s2.0-85007500960

14. Iotchkova V, Huang J, Morris JA, Jain D, Barbieri C, Walter K, Min JL, Chen L, Astle W, Cocca M, Deelen P, Elding H, Farmaki AE, Franklin CS, Franberg M, Gaunt TR, Hofman A, Jiang T, Kleber ME, Lachance G, Luan J, Malerba G, Matchan A, Mead D, Memari Y, Ntalla I, Panoutsopoulou K, Pazoki R, Perry JR, Rivadeneira F, Sabater-Lleal M, Sennblad B, Shin SY, Southam L, Traglia M, van Dijk F, van Leeuwen EM, **Zaza G**, Zhang W; UK10K Consortium., Amin N, Butterworth A, Chambers JC, Dedoussis G, Dehghan A, Franco OH, Franke L, Frontini M, Gambaro G, Gasparini P, Hamsten A, Issacs A, Kooner JS, Kooperberg C, Langenberg C, Marz W, Scott RA, Swertz MA, Toniolo D, Uitterlinden AG, van Duijn CM, Watkins H, Zeggini E, Maurano MT, Timpson NJ, Reiner AP, Auer PL, Soranzo N. Discovery and refinement of genetic loci associated with cardiometabolic risk using dense imputation maps. *Nat Genet.* 2016 Sep 26. **WOS:** 000386543400005 **SCOPUS:** 2-s2.0-84988713790
15. Tomei P, Masola V, Granata S, Bellin G, Carratù P, Ficial M, Ventura VA, Onisto M, Resta O, Gambaro G, Chilosi M, Lupo A, **Zaza G**. Everolimus-induced epithelial to mesenchymal transition (EMT) in bronchial/pulmonary cells: when the dosage does matter in transplantation. *J Nephrol.* 2016 Dec;29(6):881-891. **WOS:** 000387090400018
16. Ria P, Fabris A, Dalla Gassa A, **Zaza G**, Lupo A, Gambaro G. New non-renal congenital disorders associated with medullary sponge kidney (MSK) support the pathogenic role of GDNF and point to the diagnosis of MSK in recurrent stone formers. *Urolithiasis.* 2017 Aug;45(4):359-362.
17. Masola V, **Zaza G**, Gambaro G, Onisto M, Bellin G, Vischini G, Khamaysi I, Hassan A, Hamoud S, Nativ O, N Heyman S, Lupo A, Vlodavsky I, Abassi Z. Heparanase: A Potential New Factor Involved in the Renal Epithelial Mesenchymal Transition (EMT) Induced by Ischemia/Reperfusion (I/R) Injury. *PLoS One.* 2016 Jul 28;11(7):e0160074. **WOS:**000381516100105 **SCOPUS:** 2-s2.0-84982671680
18. Granata S, Dalla Gassa A, Bellin G, Lupo A, **Zaza G**. Transcriptomics: A Step behind the Comprehension of the Polygenic Influence on Oxidative Stress, Immune Deregulation, and Mitochondrial Dysfunction in Chronic Kidney Disease. *Biomed Res Int.* 2016;2016:9290857. **WOS:**000379077400001 **SCOPUS:** 2-s2.0-84978718184
19. Stallone G, Infante B, Di Lorenzo A, Rascio F, Zaza G, Grandaliano G. mTOR inhibitors effects on regulatory T cells and on dendritic cells. *J Transl Med.* 2016 May 31;14(1):152. **WOS:** 000377182900001
20. Granata S, Dalla Gassa A, Carraro A, Brunelli M, Stallone G, Lupo A, **Zaza G**. Sirolimus and Everolimus Pathway: Reviewing Candidate Genes Influencing Their Intracellular Effects. *Int J Mol Sci.* 2016 May 14;17(5). pii: E735. **WOS:**000378791400125 **SCOPUS:** 2-s2.0-84968719123
21. Gigante M, Pontrelli P, Herr W, Gigante M, D'Avenia M, **Zaza G**, Cavalcanti E, Accetturo M, Lucarelli G, Carrieri G, Battaglia M, Storkus WJ, Gesualdo L, Ranieri E. miR-29b and miR-198 overexpression in CD8+ T cells of renal cell carcinoma patients down-modulates JAK3 and MCL-1 leading to immune dysfunction. *J Transl Med.* 2016 Apr 11;14:84. **WOS:**000373561700001 **SCOPUS:** 2-s2.0-84962870270
22. Hanna MH, Dalla Gassa A, Mayer G, **Zaza G**, Brophy PD, Gesualdo L, Pesce F. The nephrologist of tomorrow: towards a kidney-omic future. *Pediatr Nephrol.* 2017 Mar;32(3):393-404. **SCOPUS:** 2-s2.0-84960111966
23. Sallustio F, Serino G, Cox SN, Dalla Gassa A, Curci C, De Palma G, Banelli B, **Zaza G**, Romani M, Schena FP. Aberrantly methylated DNA regions lead to low activation of CD4+ T-cells in IgA nephropathy. *Clin Sci (Lond).* 2016 May;130(9):733-46. **WOS:**000377035800008 **SCOPUS:** 2-s2.0-84973561968
24. Granata S, Dalla Gassa A, Tomei P, Lupo A, **Zaza G**. Mitochondria: a new therapeutic target in chronic kidney disease. *Nutr Metab (Lond).* 2015 Nov 25;12:49. **WOS:**000365566800001 **SCOPUS:** 2-s2.0-84948145690
25. Serino G, Pesce F, Sallustio F, De Palma G, Cox SN, Curci C, **Zaza G**, Lai KN, Leung JC, Tang SC, Papagianni A, Stangou M, Goumenos D, Gerolymos M, Takahashi K, Yuzawa Y, Maruyama S, Imai E, Schena FP. In a retrospective international study, circulating miR-148b and let-7b were found to be serum markers for detecting primary IgA nephropathy. *Kidney Int.* 2016 Mar;89(3):683-92. **WOS:** 000370471700023 **SCOPUS:** 2-s2.0-84947560275
26. Secchi MF, Masola V, **Zaza G**, Lupo A, Gambaro G, Onisto M. Recent data concerning heparanase: focus on fibrosis, inflammation and cancer. *Biomol Concepts.* 2015 Dec;6(5-6):415-21. **SCOPUS:** 2-s2.0-84948680999
27. Masola V, **Zaza G**, Onisto M, Gambaro G. Heparanase: another renal player controlled by vitamin D. *J Pathol.* 2016 Jan;238(1):7-9. **WOS:**000367295800002 **SCOPUS:** 2-s2.0-84955201495
28. Masola V, Carraro A, **Zaza G**, Bellin G, Montin U, Violi P, Lupo A, Tedeschi U. Epithelial to mesenchymal transition in the liver field: the double face of Everolimus in vitro. *BMC Gastroenterol.* 2015 Sep 14;15:118. **WOS:**000361103600001 **SCOPUS:** 2-s2.0-84942192934

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