



Europass Curriculum Vitae

November 3rd, 2023

Surname / First name

Raglianti Valentina

**Desired employment /
Occupational field**

Nephrologist, MD

Work experience

Dates

2022-2023

Occupation or position held

Research fellowship including clinical activity

Main activities and responsibilities

Research activities at Laboratory of Nephrology - Gruppo Romagnani (Department of Experimental and Clinical Biomedical Sciences "Mario Serio") Skills and competences techniques:

- immunofluorescence, immunohistochemistry, optical microscopy, microscopy confocal and multiphoton microscopy;
- in vivo techniques: breeding and manipulation of the mouse model, surgery and dissection of the mouse model for tissue collection;
- single-cell multi-omics techniques, particularly single cell RNA sequencing;
- good knowledge of office programs, statistical software (SPSS), image processing and analysis specifically related to scientific data or research (OriginLab), image editing (Adobe Photoshop).

Area of interest: Renal regeneration. Behavior and function of renal progenitor cells during injury and repair processes. Intricate relationship between kidney function and pregnancy-related complications, specifically preeclampsia. Glomerular disease: Podocytopathies, specifically focusing on understanding the pathogenic mechanisms.

Clinical activities at Meyer Children's IRCCS Hospital and Rare Disease Clinic with an active role in the ERKNet activities.

Name and address of employer

Fields of interest: Rare disorders in Nephrology, Inherited nephropathies of adult and child.
Department of Experimental and Clinical Biomedical Sciences. University of Florence.
Viale Pieraccini 6, 50139 Florence Italy

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| Dates | 2017-2021 |
| Main activities and responsibilities | <p>Resident in Nephrology</p> <p>Clinical activities at Emergency Department of Careggi Hospital in Florence. Clinical and research activities at Department of Nephrology and Immunology (San Giovanni di Dio Hospital, Careggi Hospital and Meyer Children's IRCCS Hospital). Period of training over the least two years at Rare Disease Clinic with focus on genetic of the kidney disease and with an active role in the ERKNet activities. Period of training at Laboratory of Nephrology - Gruppo Romagnani (Dipartimento di Scienze Biomediche Sperimentali e Cliniche "Mario Serio" Firenze) with focus on genetic of the kidney disease, kidney disease and renal regeneration, renal progenitor cells response to injury and kidney cancer.</p> <p>Fields of interest: Rare disorders in Nephrology, Inherited nephropathies of adult and child, immunological disorders with nephrological involvement.</p> |
| Name and address of employer | University of Florence, Florence, Italy Viale Pieraccini 6, 50139 Florence Italy |
| Dates | 2013-2016 |
| Main activities and responsibilities | <p>Clinical research fellow</p> <p>Research in Heart Failure Systems with particular interest in neurohormonal feedback systems and respiratory abnormalities (Cheyne-Stokes respiration and advanced Heart Failure pathways)</p> |
| Name and address of employer | Cardiovascular Medicine Department, Fondazione G. Monasterio Via Moruzzi 1, 56125 Pisa, Italy |
| Education and training | |
| Dates | 2007-2015 |
| Title of qualification awarded | Degree in Medicine and Surgery |
| | Experimental thesis on "Influence of central apneas and chemoreflex activation on pulmonary artery pressure in chronic heart failure". Distinctions in: Physics and Mathematics and Statistics, Biology and Genetics, Human Science, Psychiatry. |
| Name and type of organization providing education and training | Public Health Medicine and Surgery Faculty, University of Pisa, Pisa, Italy |
| Dates | 2003-2007 |
| Title of qualification awarded | Scientific High School Diploma (100/100) |
| Name and type of organization providing education and training | "Ulisse Dini" Scientific Lyceum, Pisa, Italy |
| Language | Italian, English. |
| Computer skills and competences | Microsoft Office, SPSS, Statview, Medcalc, Matlab (basic) |
| Driving license | A/B driving license |
| Additional information | Fellowship during preparation of experimental thesis at Fondazione Toscana G. Monasterio, Pisa, Italy |

List of publications:

1. De Chiara L, Semeraro R, Mazzinghi B, Landini S, Molli A, Antonelli G, Angelotti ML, Melica ME, Maggi L, Conte C, Peired AJ, Cirillo L, **Raglianti V**, Magi A, Annunziato F, Romagnani P, Lazzeri E. Polyploid tubular cells initiate a TGF- β 1 controlled loop that sustains polyploidization and fibrosis after acute kidney injury. *Am J Physiol Cell Physiol*. 2023;325:C849-C861.
2. Becherucci F, Landini S, Palazzo V, Cirillo L, **Raglianti V**, Lugli G, Tiberi L, Dirupo E, Beilelli S, Mazzierli T, Lomi J, Ravaglia F, Sansavini G, allinovi M, Giannese D, Somma C, saptoliatore G, Vergani D, Artuso R, Rosati A, Cirami C, Dattolo PC, Campolo G, DeChiara L, Papi L, Vaglio A, Lazzeri E, Anders HJ, Mazzinghi B, Romagnani P. A clinical workflow for cost-saving high-rate diagnosis of genetic kidney diseases. *J. Am. Soc. Nephrol. J Am Soc Nephrol*. 2023; 34:706-720.
3. Cirillo L, Lugli G, **Raglianti V**, Ravaglia F, Buti E, Landini S, Becherucci F. Defining diagnostic trajectories in patients with podocytopathies. *Clin Kidney J*. 2022; 15:2006-2019.
4. Melica ME, Antonelli G, Semeraro R, Angelotti ML, Lugli G, Landini S, Ravaglia F, Regina G, Conte C, De Chiara L, Peired AJ, Mazzinghi B, Donati M, Molli A, Steiger S, Magi A, Bartalucci N, **Raglianti V**, Guzzi F, Maggi L, Annunziato F, Burger A, Lazzeri E, Anders HJ, Lasagni L, Romagnani P. Differentiation of crescent-forming kidney progenitor cells into podocytes attenuates severe glomerulonephritis in mice. *Sci Transl Med*. 2022; 14:eabg3277.
5. Palazzo V*, **Raglianti V***, Landini S, Cirillo L, Errichiello C, Buti E, Artuso R, Tiberi L, Vergani D, Dirupo E, Romagnani P, Mazzinghi B, Becherucci F. Clinical and Genetic Characterization of Patients with Bartter and Gitelman Syndrome. *Int J Mol Sci*. 2022; 23:5641.
* These authors contributed equally to this work
6. De Chiara L, Lugli G, Villa G, **Raglianti V**, Husain-Syed F, Ravaglia F, Romagnani P, Lazzeri E. Molecular Mechanisms and Biomarkers Associated with Chemotherapy-Induced AKI. *J Mol Sci*. 2022; 23:2638.
7. **Raglianti V**, Rossi GM, Vaglio A. Idiopathic retroperitoneal fibrosis: an update for nephrologists. *Nephrol Dial Transplant* 2020; 36:1773-1781.
8. Giannoni A*, **Raglianti V***, Taddei C, Borrelli C, Chubuchny V, Vergaro G, Mirizzi G, Valleggi A, Cameli M, Pasanisi E, Emdin M, Passino C. Cheyne-Stokes respiration related oscillations in cardiopulmonary hemodynamics in patients with heart failure. *Int J Cardiol*. 2019; 289:76-82. *These authors contributed equally to this work
9. Giannoni A, Aimo A, Mancuso M, Piepoli MF, Orsucci D, Aquaro GD, Barison A, Catapano G, **Raglianti V**, Taddei C, Cameli M, Siciliano G, Passino C, Emdin, M. Skeletal Myopathy and Subclinical Cardiac Involvement in Mitochondrial Disease: Increased Ergoreflex Sensitivity As the Missing Link. *EJHF*. 2017;19:1701-1709.
10. Aimo A, Borrelli C, Vergaro G, Piepoli MF, De Caterina AR, Mirizzi G, Valleggi A, **Raglianti V**, Passino C, Emdin M, Giannoni A. Targeting mitochondrial dysfunction in chronic heart failure: current evidence and potential approaches. *Current Pharmaceutical Design*. 2016;22:4807-4822.
11. Giannoni A*, **Raglianti V***, Mirizzi G, Taddei C, Del Franco A, Iudice G, Bramanti F, Aimo A, Pasanisi E, Emdin M, Passino C. Influence of central apneas and chemoreflex activation on pulmonary artery pressure in chronic heart failure. *Int J Cardiol*. 2016;202:200-206.
* These authors contributed equally to this work

Book chapters and CD-ROM:

1. Emdin M, Giannoni A, Passino C (Editors). *The Breathless Heart Apneas in Heart Failure*. Springer. 2017. [Epub ahead of print]

Authors of the following chapters:

- Giannoni A, Borrelli C, **Raglianti V**. Chapter 3 - Hypopneas and apneas as physiological and pathological phenomena throughout the life-span. Sudden infant death syndrome, obstructive apneas and diverse central apneas.

Abstracts:

1. **Raglianti V**, Lugli G, Landini S, Palazzo V, Cirillo L, Romagnani P, Becherucci F. Correlazione genotipo-fenotipo in famiglie affette da IFT140-ADPKD. SIN, 2023
2. Becherucci F, Landini S, Palazzo V, **Raglianti V**, Cirillo L, Lugli G, Mazzinghi B, Romagnani P. A Clinical Workflow for Selection of Patients and Efficient Diagnosis of Genetic Kidney Diseases. ASN Kidney week 2022
3. Becherucci F, Cirillo L, Landini S, Palazzo V, **Raglianti V**, Lugli G, Timberi L, Vaglio A, Anders HJ, Mazzinghi B, Romagnani P. A clinical workflow for selection of patients and cost-efficient diagnosis of genetic kidney diseases. ERA-EDTA, 2022

4. Becherucci F, Cirillo L, Belevi S, Mazzinghi B, **Raglianti V**, Landini S, Palazzo V, Lugli G, Timbri L, Vaglio A, Anders HJ, Romagnani P. Cost-analysis of a clinical workflow for diagnosis of inherited kidney diseases. ERA-EDTA, 2022.
5. Becherucci F, Palazzo V, Cirillo L, Mazzinghi B, Landini S, **Raglianti V**, Romagnani P. Whole-exome sequencing as a first-line diagnostic tool in Bartter and Gitelman syndrome. ERA-EDTA, 2021.
6. **Raglianti V**, Spatolatore G, Scopetani N, Becherelli P, Toti G, Rosso G, Caselli G, Merciai C, Ravaglia F, Rosati A. Vasculite crioglobulinemica non hcv correlata ad interessamento renale e cardiaco in paziente con immunodeficienza comune variabile. SIN, 2019.
7. Giannoni A, **Raglianti V**, Pasanisi E, Chubuchnyi V, Taddei C, Aimo A, Borrelli C, Valleggi A, Vergaro G, Passino C, Emdin M. Echocardiographic variations in pulmonary pressure, vascular resistances and biventricular hemodynamics during different phases of Cheyne-Stokes respiration in heart failure patients. Diastole Disease, 2016.
8. Mirizzi G, Iudice A, Giannoni A, **Raglianti V**, Poletti R, Mammini C, Gabutti A, Bramanti F, Passino C, Emdin M. Cheyne-Stokes respiration occurring both at night and daytime in patients with systolic heart failure holds an additive prognostic value. Heart Failure Congress of the ESC, 2015.
9. **Raglianti V**, Del Franco A, Mirizzi G, Aimo A, Taddei C, Iudice G, Bramanti F, Passino C, Emdin M, Giannoni A. Central apneas and chemoreflex activation influence on pulmonary hypertension in heart failure: role of adrenergic activation. Heart Failure Congress of the ESC, 2015.
10. Giannoni A, **Raglianti V**, Del Franco A, Mirizzi G, Taddei C, Iudice G, Bramanti F, Emdin M, Passino C. Influence of central apneas and chemoreflex activation on heart failure related pulmonary hypertension: role of adrenergic activation on pulmonary vasoconstriction. AHA congress, Chicago, 2014.
11. Mirizzi G, Ripoli A, Giannoni A, Vergaro G, Bramanti F, Iudice G, **Raglianti V**, Aimo A, Emdin M, Passino C. Prediction of the Chemoreflex Sensitivity by Common Clinical Variables in Systolic Heart Failure. AHA congress, Chicago, 2014.
12. Mirizzi G, Iudice G, Bramanti F, Giannoni A, Poletti R, Gabutti A, Mammini C, **Raglianti V**, Passino C, Emdin M. Clinical significance of daytime vs. nighttime Cheyne-Stokes respiration in systolic heart failure patients: findings from 24-hour polygraphic recordings. AHA congress, Chicago, 2014.

Grants:

Travel Grant for "best abstract" at Diastole Disease congress – DD 2016. Pisa, March 2016 (Fondazione Menarini).

I authorize the processing of my personal data pursuant to Legislative Decree 196/2003 and art. 13 GDPR (EU Regulation 2016/679) for the purposes of personnel research and selection.