

Virginie PRENDKI, MD, MSc, PD, CC (chargée de cours)

Internal Medicine, DES, France & FMH Specialist, Switzerland
Infectious and tropical diseases specialist, DESC Specialist Diploma, France
Privat Docent, Senior lecturer, University of Geneva

1. Personal data

Virginie PRENDKI

15/11/1975, Epinal (88), France. Married, 2 children (6 and 9)

Division of Internal Medicine of the Aged, Hospital Trois-Chêne, HUG, 3, chemin du Pont-Bochet, 1226 – Thônex, Switzerland ; virginie.prendki@hcuge.ch ; virginie.prendki@unige.ch

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2. Professional experience

Since Novembre 2021 : Half –time assistant attending physician for the Division of Internal Medicine of the Aged, HUG ; Half –time assistant attending physician for the Division of Infectious Diseases, HUG

Since November 2019 : Senior lecturer, University of Geneva

Since June 2018: Privat Docent, University of Geneva

Since June 2013: Full-time assistant attending physician for the Division of Internal Medicine of the Aged, HUG

Clinical activity and care in internal medicine with expertise in infectious diseases

Management of medical and paramedical teams. Hospital emergencies management

Teaching students and young doctors (HUG-University of Geneva)

Past positions

2011 - 2013 Assistant head for the Department of Internal Medicine and Septic Orthopaedics, Reference Center for joint infections, Hôpital Croix Saint Simon Paris, France

2009 - 2011 Activité de recherche clinique, INSERM U945, Service de Parasitologie- Pr Mazier - Hôpital La Pitié Salpêtrière, Assistance Publique-Hôpitaux de Paris, France

2008 - 2011 Chef de Clinique (senior resident), Department of Internal Medicine – Pr Fain - Hôpital Jean Verdier, Bondy et Université Léonard de Vinci, Paris XIII, France

2006 - 2008 Chef de Clinique (senior resident), Department of Infectious and Tropical Diseases – Pr Bouchaud - Hôpital Avicenne, Bobigny et Université Léonard de Vinci, Paris XIII, France

2002-2003 : Humanitarian mission in Angola, Doctors Without Borders France

1999 - 2006 Internship in Internal Medicine and Infectious Diseases (Nantes, Paris)

3. Diplomas

2018 Privat Docent, University of Geneva

2012 Inter-university Diploma, Infectiology in the elderly, Paris-Grenoble

2007 DESC Infectious and tropical diseases Specialist Diploma, Paris XIII, France

2006 DES Internal Medicine Specialist Diploma, Nantes, France. Thesis « Atypical mycobacterial infections in non immunocompromised patients »

2005 MSc, master in Molecular and Cellular Biology, specialization in immuno-parasitology, Paris VI and Pasteur Institute. Thesis « Role of Gal-Gal Nac lectin in apoptosis of hepatic cells and inflammation »

2004 MD degree, Nantes. Thesis « Can LSA resistance in *Staphylococcus aureus* be a tool to understand MRSA transmission in a hospital? »

2006 Diploma in Genetics in human and in infectious diseases, Institut Pasteur, Paris

2004 Inter-university Diploma, Therapeutic strategies in infectious diseases, Paris VII

2004 Inter-university Diploma, CESAM (Centre d'enseignement de la statistique appliquée à la médecine et à la biologie médicale), Paris VI

2002 Inter-university Diploma, Sexually transmitted infections and HIV, Paris VII

4. Research

Pneumonia in the elderly :

-Principal investigator of the OCTOPLUS randomized clinical trial (Low-dose CT compared to Lung UltraSonography vs standard care for the diagnosis of pneumonia in the elderly: a multicentre randomized controlled study)

-Principal investigator of the GERBIOTA study (To better understand the relationship between oral examination and pneumonia in the elderly, including bronchoaspiration)

-Principal investigator of the PneumOldCT study : place of low-dose CT scan, accuracy of comprehensive PCR analysis of nasopharyngeal and oropharyngeal swabs, accuracy of biomarkers, diagnosis score

Diagnosis in infectious diseases and internal medicine of the aged

Co-investigator in many international studies in infectious diseases and internal medicine (R-Gnosis, AIDA, PIRATE, RESISTANCE, COMPASS, SYMPTOMS; malaria, HIV studies)

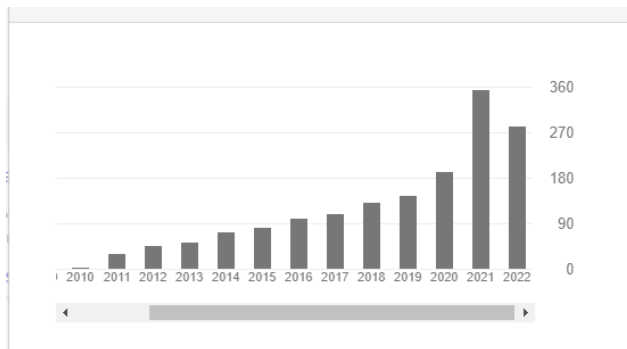
5. Member of scientific society and committees

Treasurer of the European Study Group on Infection in the Elderly patients (ESGIE) since 2018

6. Publications

Author or co-author of 102 publications referenced in PubMed, in national or international journal related to infectious diseases, internal medicine, haematological diseases, vasculitis, auto-immunity.

	Toutes	Depuis 2017
<u>Citations</u>	1671	1227
<u>indice h</u>	19	17
<u>indice i10</u>	35	26



Research areas of interest: pneumonia and respiratory tract infections including COVID-19, prosthetic joint infections, diagnosis in internal medicine of the aged, diagnosis research.

Recent relevant publications:

-Tiseo G, Margalit I, Ripa M, Borghi V, Green H, **Prendki V**, Riccardi N, Dishon BY, Perego G, Grembiale A, Galli L, Tinelli M, Castagna A, Mussini C, Yahav D, Paul M, Falcone M. Predictors of survival in elderly patients with COVID-19 admitted to the hospital: derivation and validation of the FLAMINCOV score. CMI (accepted)

-Abdul F, Ribaux P, Caillon A, Malézieux-Picard A, Prendki V, Vernaz N, Zhukovsky N, Delhaes F, Krause KH, Preynat-Seauve O. A cellular assay for spike/ACE2 fusion: quantification of fusion-inhibitory antibodies after COVID-19 and vaccination. Viruses (accepted)

-Malézieux-Picard A, Abdul F, Herrmann FR, Caillon A, Ribaux P, Cambet Y, Yerly S, Baggio S, Vernaz N, Zekry D, Krause KH, Preynat-Seauve O, **Prendki V**. Decreased levels of SARS-CoV-2 fusion-inhibitory antibodies in the serum of aged COVID-19 patients. Diagnostics 2022

-Catho G, Sauser J, Coray V, Da Silva S, Elzi L, Harbarth S, Kaiser L, Marti C, Meyer R, Pagnamenta F, Portela J, **Prendki V**, Ranzani A, Centemero NS, Stirnemann J, Valotti R, Vernaz N, Suter BW, Bernasconi E, Huttner BD. Impact of interactive computerised decision support for hospital antibiotic use (COMPASS): an open-label, cluster-randomised trial in three Swiss hospitals. The Lancet Infectious Diseases 2022

-Abbas M, Anne Cori D, Cordey S, Laubscher F, Robalo Nunes T, Myall A, Salamun J, Huber P, Zekry D, **Prendki V**, Iten A, Vieux L, Sauvan V, Graf CE, Harbarth S. Reconstruction of transmission chains

of SARS-CoV-2 amidst multiple outbreaks in a geriatric acute-care hospital: a combined retrospective epidemiological and genomic study. *Elife*. 2022

-Margalit I, **Prendki V**, Tishler O, Falcone M, Tiseo G, Leibovici-Weissman Y, Paul M, Yahav D. Effectiveness and safety of colistin among older adults – a systematic review and meta-analysis. *J Antimicrob Chemother* 2022

-Malézieux-Picard A, Nascè A, Azurmendi L, Pagano S, Vuilleumier N, Sanchez JC, Reny JL, Zekry D, Roux X, Stirnemann J, Garin N, **Prendki V**. Kinetics of inflammatory biomarkers to predict one-year mortality in elderly patients hospitalized for pneumonia: a multivariable analysis. *International Journal of Infectious Diseases* 2022

-**Prendki V**, Garin N, Stirnemann J, Combescure C, Platon A, Bernasconi E, Sauter T, Hautz W and the OCTOPLUS study group. LOw-dose CT cOmPared to Lung UltraSonography vs standard of care based-strategies for the diagnosis of pneumonia in the elderly: a multicentre randomised controlled trial (OCTOPLUS). *BMJ Open* 2022.

-Chauffard A, Bridevaux PO, Carballo S, **Prendki V**, Reny JL, Stirnemann J, Garin N. Accuracy of a score predicting the presence of an atypical pathogen in hospitalized patients with moderately severe community-acquired pneumonia. *BMC Infectious Diseases* 2022

-Huttner A, von Dach E, **Prendki V**, Harbarth S, Kaiser L. Patient and proxy recall after providing written or oral informed consent to participate in an interventional trial, *JAMA Network Open* 2022

-**Prendki V**, Tiseo G, Falcone M. Caring for older adults during the COVID-19 pandemic. *Clin Microbiol Infect* 2022.

-Sullerot C, Bouillier K, Laborde C, Gilis M, Fèvre A, Hacquin A, Manckoundia P, Hoefler F, Bermejo M, Mendes A, Serratrice C, **Prendki V**, Sanchez S, Putot A. Is Long-term Treatment with Aspirin Associated with Lower Mortality in Older Inpatients with SARS-CoV-2 Pneumonia? *Geroscience* 2022

-Putot A, Bouillier K, Laborde C, Gillis M, Fèvre A, Hacquin A, Manckoundia P, Hoefler F, Messaline Bermejo M, Mendes A Serratrice C, **Prendki V**, Sanchez S. Association between Early Antibiotic Therapy and In-Hospital Mortality among Older Patients with SARS CoV-2 Pneumonia. *J Gerontol A Biol Sci Med Sci*. 2021

-Nascè A, Malézieux-Picard A, Hakiza L, Fassier T, Zekry D, Stirnemann J, Garin N, Roux X*, **Prendki V** (*equally authors). How do geriatric scores predict 1-year mortality in elderly patients with suspected pneumonia? *Geriatrics (Basel)*. 2021

-**Prendki V**, Malézieux-Picard A, Azurmendi L, Sanchez JC, Vuilleumier N, Carballo S, Roux X, Reny JL, Zekry D, Stirnemann J, Garin N and on behalf of the PneumOldCT study group. Accuracy of C-reactive protein, procalcitonin, serum amyloid A and neopterin for low-dose CT-scan confirmed pneumonia in elderly patients: a prospective cohort study. *Plos One* 2020

-Chebib N, Cuvelier C, Malézieux-Picard A, Parent T, Roux X, Fassier T, Müller F, **Prendki V**. Pneumonia prevention in the elderly patients: the other sides. *Aging Clin Exp Res*. 2019

-Garin N, Marti C, Carballo S, Darbellay Farhoumand D, Montet X, Roux X, Scheffler M, Serratrice C, Serratrice J, Claessens YE, Duval X, Loubet P, Stirnemann J, **Prendki V**. Rational use of CT-scan for the diagnosis of pneumonia: comparative accuracy of different strategies. *Journal of Clinical Medicine* 2019.

-Garin N, Marti C, Scheffler M, Stirnemann J, **Prendki V**. Computed tomography scan contribution to the diagnosis of community-acquired pneumonia. *Current Opinion in Pulmonary Medicine* 2019

-**Prendki V**, Huttner B, Marti C, Mamin A, Fubini PE, Meynet MP, Scheffler M, Montet X, Janssens JP, Reny JL, Kaiser L, Garin N, Stirnemann J. Accuracy of comprehensive PCR analysis of nasopharyngeal and oropharyngeal swabs for CT-scan confirmed pneumonia in elderly patients: a prospective cohort study. *Clin Microbiol Infect* 2019

-**Prendki V**, Scheffler M, Huttner B, Garin N, Herrmann F, Janssens JP, Marti C, Carballo S, Roux X, Serratrice C, Serratrice J, Agoritsas T, Becker CD, Kaiser L, Rosset-Zufferey S, Soulier V, Perrier A, Reny JL, Montet X, Stirnemann S. Low-dose chest CT for the diagnosis of pneumonia in elderly patients (PneumO-LD-CT study): a single-center, prospective, interventional cohort study. Eur Resp J 2018

7. Presentations: more than 70 presentations at national and international conferences, since 2004; on infections in elderly patients, especially pneumonia.

8. Research grants

- 2021 SNFS (Swiss National Foundation for Science) project OCTOPLUS (principal applicant) 803 kCHF
- 2021 SNFS Protected Research Time for research for OCTOPLUS project (principal applicant) 84 kCHF
- 2021 Nakao Foundation GERBIOTA (co-applicant) 100 kCHF
- 2020 Ligue Pulmonaire Genevoise OCTOPLUS (principal applicant) 75 kCHF

9. Recent distinctions

-2020 MENTORING PROGRAM OF THE UNIVERSITY OF GENEVA EQUALITY COMMISSION

-Price Riotton 2019, Faculty of Medicine, Geneva

-Price of the best original scientific publication, Swiss Society of Internal Medicine 2018 (Prendki et al, Low-dose CT for the diagnosis of pneumonia in elderly patients: a prospective, interventional cohort study, Eur Resp J)

-Price of the best clinical research, HUG 2018 (Prendki et al, Low-dose CT for the diagnosis of pneumonia in elderly patients: a prospective, interventional cohort study, Eur Resp J)

-Price for the best poster, Swiss Society of Internal Medicine 2018 (Prendki et al. Multiplex PCR in elderly patients with suspicion of pneumonia)

-Subside Tremplin 2017, University of Geneva

Geneva, 20 September 2022

