

PAOLO SPAGNOLO (SPGPLA69R23L711B) +39 334 9787789 | paolo.spagnolo@unipd.it

DOB: 23.10.1969 | Nationality: Italian | Marital Status: married with Caterina, 2 children (Matilde 7 and Niccolò 5) |

PROFILE

Focused Medical Professional with extensive clinical and research experience and comprehensive knowledge in respiratory medicine with emphasis on interstitial lung diseases/orphan lung diseases.

Depth of background and skills includes:

Laboratory Techniques

- Broncho-Alveolar Lavage (BAL) processing; DNA extraction, quantification, and amplification; DNA sequencing; Sequence Specific Primers-Polymerase Chain Reaction (SSP-PCR); electrophoresis gel; ELISA procedures

Establishment of Clinical Database

- Extraction and cataloguing of DNA samples; review of clinical notes and patient consultation to refine clinical phenotype

Communication

- Good communication skills with positive feedback received on all occasions

Team Work

- Developed and demonstrated skills throughout course of study and work; supervised and trained new Unit colleagues, from medical students to post-doctoral students

Problem Solving

- Determined solutions to problems in a calm and efficient manner as learnt and demonstrated during course of study and work; provided advice/support to colleagues regarding research methodology
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EDUCATION / CERTIFICATION

ITALIAN MINISTRY OF UNIVERSITY AND RESEARCH

FULL PROFESSOR OF RESPIRATORY MEDICINE

AUG 2017

ITALIAN MINISTRY OF UNIVERSITY AND RESEARCH

ASSOCIATE PROFESSOR OF RESPIRATORY MEDICINE

Nov 2014

IMPERIAL COLLEGE

Ph.D. in Genetics (with distinction)

Supervisors: Prof. Ron du Bois and Prof. Ken Welsh

London, UK

Feb 2008

GENERAL MEDICAL COUNCIL (GMC)

UK Full Registration as a Medical Practitioner with Specialist Registration

UK

Feb 2005

UNIVERSITY OF BARI

Specialist in Respiratory Medicine (with Distinction)

Italian Medical Practitioner Certificate

Medical Graduation (MD)

Bari, Italy

Oct 2004

Jun 2001

Nov 2000

PROFESSIONAL EXPERIENCE

Physician Experience

Diffuse parenchymal lung disease - review clinic dealing mainly with diagnosis and management of interstitial lung diseases (Royal Brompton Hospital, London, UK [January 2002 - January 2008], Prof. RM du Bois, Prof. AU Wells; University Hospital of Modena, Italy [February 2008 - December 2013], Prof. LM Fabbri, Prof. L Richeldi; Kantonsspital Baselland, Liestal, CH [June 2014 – November 2015], Prof. J Leuppi; University Hospital of Padova, Padova, Italy [December 2015 to present])

• PROFESSIONAL EXPERIENCE – *Continued*

- Participate in full spectrum clinical activity at the Respiratory Disease Unit of the University Hospital of Padova, at the University hospital of Modena and at the ILDU of the Royal Brompton Hospital of London.

Research Experience

Interstitial Lung Disease Unit (ILDU), Royal Brompton Hospital, London, UK (Jan 2002 - Jan 2008; Prof. RM du Bois and Prof. KI Welsh) – **Respiratory Disease Unit, University Hospital of Modena, Italy** (Feb 2008 - Dec 2013; Prof. L Richeldi) – **Respiratory Disease Unit, University Hospital of Padova, Italy** (Dec 2015)

- Completed research on predisposition to sarcoidosis and pulmonary fibrosis during Ph.D. tenure. Focused on the role of chemokine and chemokine receptor gene polymorphisms in sarcoidosis susceptibility by using the positional cloning approach.
- Obtained results that confirmed predisposition to sarcoidosis is genetically determined and showed that genetics drive the disease down distinct phenotypic pathways. Results suggested Löfgren’s syndrome, historically considered an acute form of sarcoidosis, represents an entity genetically different from “classic” sarcoidosis.
- Focused additional research activity on genetic predisposition to pulmonary fibrosis with an emphasis on biomarkers in idiopathic pulmonary fibrosis (IPF) and therapy of IPF through participation to the largest multicenter clinical trials (e.g., pirfenidone and nintedanib amongst others).

Selected International Collaboration – *discussion of research methodology and exchange of clinical samples*

- Prof. Hal Collard – University of California San Francisco, San Francisco, US
- Dr Toby Maher – Royal Brompton Hospital and Imperial College, London, UK
- Prof. Hilario Nunes – Hôpital Avicenne, Paris, France
- Prof. Johan Grunewald – Karolinska University Hospital, Stockholm, Sweden
- Prof. Martin Petrek – Palacky University and University Hospital, Olomouc, Czech Republic
- Prof. Nicola Sverzellati – University Hospital, Parma, Italy
- Prof. Athol Wells – Royal Brompton Hospital and Imperial College, London, UK
- Prof. Luca Richeldi – Università Cattolica del Sacro Cuore, Roma, Italy
- Prof. Vincent Cottin – Hôpital Louis Pradel, Lyon, France

Teaching Experience

- Supervise and train students of the Schools of Medicine as well as senior house officers and senior registrars of the School of Respiratory Diseases, (University Hospital of Padova).
- Give formal lectures and hold regular seminars / teaching session at bedside and weekly grand rounds (University Hospital of Padova).

WORK HISTORY

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| UNIVERSITÀ DEGLI STUDI DI PADOVA Director of the School of Specialization in Respiratory Medicine | Padova, Italy Sept 2017 – |
| UNIVERSITÀ DEGLI STUDI DI PADOVA Associate Professor of Respiratory Medicine | Padova, Italy Jan 2016 – |
| KANTONSSPITAL BASELSTADT (MEDICAL UNIVERSITY CLINIC) Senior Clinical Research Fellow | Liestal, Switzerland Jun 2014 – Dec 2015 |
| SANTHERA PHARMACEUTICALS LTD Consultant – Sponsor’s Medical expert | Liestal, Switzerland Aug 2015 – Dec 2015 |
| F. HOFFMANN-LA ROCHE LTD Consultant – Sponsor’s Medical expert | Basel, Switzerland Jan 2015 – Dec 2015 |

WORK EXPERIENCE – Continued

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| INTERMUNE AG Consultant – Sponsor’s Medical expert | Muttenz, Switzerland Jan 2014 – Dec 2014 |
| UNIVERSITY HOSPITAL OF MODENA AND REGGIO EMILIA Assistant Professor in Respiratory Medicine | Modena, Italy Dec 2010 – Dec 2013 |
| CHIESI FARMACEUTICI Consultant – Sponsor’s Medical expert | Parma, Italy Oct 2011 – Oct 2013 |
| UNIVERSITY HOSPITAL OF MODENA Honorary Specialist Registrar – Respiratory Disease Unit <i>Prof. LM Fabbri, Prof. L Richeldi</i> | Modena, Italy Jun 2008 – Dec 2010 |
| IMPERIAL COLLEGE – NATIONAL HEART AND LUNG INSTITUTE Clinical Research Fellow – Interstitial Lung Disease Unit | London, UK Oct 2003 – Jan 2008 |
| ROYAL BROMPTON HOSPITAL Honorary Specialist Registrar – Interstitial Lung Disease Unit <i>Prof. RM du Bois</i> | London, UK Oct 2003 – Jan 2008 |
| UNIVERSITY HOSPITAL OF BARI Specialist Registrar in Respiratory Medicine – Respiratory Disease Unit Pre-Registration House Officer – General Surgery Pre-Registration House Officer – Internal Medicine | Bari, Italy Nov 2000 – Nov 2004 Mar 2001 – Jun 2001 Nov 2000 – Feb 2001 |

KEY SKILLS

Language Skills: Italian (native tongue) | English (fluent)

Computer Skills: Knowledge Studio (data mining) | Prism (data analysis) | Arlequin | Phase (haplotype reconstruction) | Fast-PCR (primer designing)

AWARDS

- Rotary Club Foundation Prize, Bari, Italy (Best thesis in Respiratory Medicine), June 2001.
- World Association of Sarcoidosis and Other Granulomatous Disorders (WASOG) international conference, Denver, CO, USA (“Young Investigator Award”), June 2005.
- Recipient of the grant BIRD 2016-2018. PROGETTO SID "PRECISION-IPF: PREdiCting disease behaviOUr iN Idiopathic Pulmonary Fibrosis" - Anno: 2016 - prot. BIRD163522

Editorial Activity

- Serve as a regular reviewer for, among others, *Am J Respir Crit Care Med*, *Thorax*, *Eur Respir J*, *Lancet Respir Med*, and *PLoS ONE*.
- Member of the Editorial Board of the European Respiratory Journal, BioMed Research International (2013 -) and BMJ Open Respiratory Medicine (2015 -)
- Current Opinion in Pulmonary Medicine: section Editor (Interstitial Lung Disease) (Dec 2016 -)

Other Activities

- Treasurer of the WASOG (World Association of Sarcoidosis and Other Granulomatous diseases) (2016 -)
- European Respiratory Society - Secretary of Group - 12.03 - Sarcoidosis and other granulomatous ILD / DPLD

AUTHOR OF APPROXIMATELY 100 PEER-REVIEWED PUBLICATIONS