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EDITORIAL

Creating the Institute of Paediatric Virology: In honor of Professor Anne Greenough

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Paediatric virology is a rapidly increasing educational challenge

Professor Anne Greenough

I heard for the first time about Professor Anne Greenough, Professor of Neonatology and Clinical Respiratory Physiology at the King's College London in London in the United Kingdom (UK) and vice President of Science and Research at the Royal College of Paediatrics and Child Health (RCPCH), in 2005, in Liverpool, at the beginning of my paediatric and neonatal training. I studied, there, almost 14 years ago, at the Library of the Wirral University Teaching Hospital, her book on congenital, perinatal and neonatal infections (1), which was our ‘Bible’ on neonatal infections not only for me, but for all my colleagues in neonatology and paediatrics at the Wirral. Her second book on neonatal respiratory disorders with Professor Anthony Milner (2), which was published in 2003, was always my companion during my first job, a few months later, as a Senior House Officer (SHO) in paediatric accident and emergency (A&E) in Southport and six months later as a SHO in neonatology at the Wirral University Teaching Hospital.

The inspiration of her title, as ‘our Queen in neonatology’, referred to in our interview published in Experimental and Therapeutic Medicine (3), does not belong to me. During my presence in Douglas on the Isle of Man, in 2008, working at the local neonatal unit, I heard about her outstanding clinical talent in neonatology. My consultant, Dr Prakash Thiagarajan (4), was one of her students with a very promising career in London; his comments on her were more than enthusiastic: ‘She is excellent as a clinical scientist, as an academic teacher, as a human; she is our Queen in neonatology’. He was really proud of her, as well as of his clinical experience with her in London. Interestingly, with this experience, he managed to organise in Douglas one of the most modern neonatal units in the UK, which supports successfully the high percentages of births - even premature and high-risk births - performed on the Isle of Man, a Rhodes-shaped island in the UK, between Merseyside and Ireland (4).

In September 2009, I attended the European Respiratory Society (ERS) congress in Vienna, Austria, where I performed my oral presentation on under-water births and water aspiration syndrome (5); there, I had the chance to answer two questions by Professor Greenough, who initiated a very educational debate on under-water births. At the end of the session, during our discussion, I was really surprised and impressed that she had read our article with Dr Thiagarajan on under-water births (6), which had been just published in the Journal of Maternal and Fetal Neonatal Medicine. In summer 2015, I met her again in London, where I explained to her our proposal on paediatric virology and she promised to me that she will support our scientific attempt. Three months later, she chaired the first ‘workshop on paediatric virology’ performed as an official session of Professor Demetrios A. Spandidos's congress in Athens, Greece, and she gave one of the three plenary lectures of that meeting on long term outcomes of respiratory viral infections in premature neonates (7). Her lecture was one of the most interesting, inspirational, evidence-based lectures that I have ever attended (Figs. 1 and 2).

‘John came in London and he abducted me for this workshop’, she noted during the closing of the workshop. ‘It was like the Greek myth of the abduction of Europe’ she added. Interestingly, this myth is referred to the Cretan story of the abduction of Europe, the mother of King Minos of Crete by Zeus on the island of Crete. I do not know further details about this myth, except for the fact that Europe is very well represented on the logo of the University of Crete designed by Mrs. Aspasia Papadoperaki based on this myth. On my island, island of Euboea, the birth place of Dr George N. Papanicolaou, there is

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also a similar ancient Greek myth, which involves not Europe but Hera, not a bull but a bird, and not Crete, but the South of the island of Euboea. What I also know is that in modern times, in 2015, without any doubt, the ‘abduction’ of Professor Greenough in Athens gave birth, indeed, to the ‘workshops on paediatric virology’ (8-12). And she also gave birth to the new idea of the ‘rapidly increasing educational challenge’ of paediatric virology and its potential role as a separate paediatric subspecialty in the future (13). Two years later, on Saturday 7th October 2017, the ‘3rd workshop on paediatric virology’ (10), co-chaired by Professor Greenough, honored Nobel Laureate Professor of Virology Harald zur Hausen and with her support our workshop became indeed a ‘crossroad meeting’ between virologists and paediatricians (14). Our aim to bring together virology with paediatrics had been fulfilled!

To date, Professor Greenough, has received the ‘2015 Paediatric Virology Award’ and the ‘2017 George N. Papanicolaou Humanitarian Award’ for her outstanding contribution to paediatric virology and to the wealth, health and future of humanity, respectively. These awards are the highest
honours by the Paediatric Virology Study Group (PVSG) bestowed upon selected world leading scientists in our field. The first award was handed over to her by Professor Demetrios A. Spandidos, Professor of Clinical Virology at the University of Crete School of Medicine (Greece), while the ‘2017 George N. Papanicolaou Humanitarian Award’ was offered to her by Dr Neda Voutsas-Perdiki (15), student of Dr George N. Papanicolaou, who attended his lab at the end of ’50s and recently published her book about Dr Papanicolaou entitled ‘Dr George and Mache-Mary Papanicolaou - As I knew them’.

Professor Greenough is one of the leading experts in neonatology in the world with an outstanding contribution to paediatric knowledge; she is a great pioneer of modern neonatology (3). On behalf of the PVSG and the newly founded Institute of Paediatric Virology (IPV) based on the island of Euboea, Greece (16), we wish to thank Professor Greenough deeply for her support; this is a great honor for us. To date, she has trusted our scientific attempt with dignity and consistency. All this time, our responsibility to fulfill her high-level scientific standards is great; our gratitude to her is also great, indeed.

In the context of the forthcoming official opening of the Institute of Paediatric Virology Professor Anne Greenough's inspirational lecture will be entitled 'Exploring new requirements and priorities in international paediatric education' (Fig. 3).

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Competing interests

INM is Co-founder of the Institute of Paediatric Virology (IPV).

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