On behalf of the Paediatric Virology Study Group (PVSG), we would like to announce to all of you the official beginning of the Institute of Paediatric Virology (IPV) on the island of Euboea, Greece (1). The IPV is a paediatric initiative specialised in medical education on the bold, new, educational field of paediatric virology and we are all very proud that the creation of this scientific institution, following an international debate with top experts in our field, takes place in Greece and on the island of one of the greatest scientists in the modern history of medicine, the great doctor, researcher and humanitarian Dr George N. Papanicolaou.

The IPV, as read on its Memorandum of association (Fig. 1), is dedicated to the continuing medical education of medical students, specialty trainees in paediatrics and neonatology, postgraduate students, clinical virologists and paediatricians, who are interested in the new scientific field of paediatric virology. Its aim is the promotion and transmission of knowledge on topics related to the prevention, diagnosis, therapy and management of viral infections occurring in neonates and children.

A long journey that lasted a total of 12 years, today, is at its end. Nevertheless, the end of this journey signals and dynamically initiates a new start. Twelve years ago, in 2007, the management of two premature twins of very low birth-weight with congenital cytomegalovirus (CMV) infection, who were treated at the Neonatal Intensive Care Unit (NICU) at the Wirral University Teaching Hospital in Merseyside in the United Kingdom (UK), required the collaboration of an extensive network of specialised health professionals, including neonatologists, microbiologists, clinical virologists and general paediatricians in Liverpool, Manchester and London (2). The management of these twins demonstrated in a very educational way the clinical significance of the subspecialization in the new, bold, educational field of the neonatal and paediatric viral infections.

These twins, in Liverpool, were the source of inspiration, at that time, for the establishment of the PVSG consisting of specialty trainees (STs) in paediatrics and neonatology, junior researchers (3). The topics examined by this team were viral infections in neonates and children, their pathophysiology, their molecular virology characteristics, their prevention and their therapeutic management. This group was the basis of our scientific efforts over the subsequent years. As the time passed, two academic teachers, a professor of clinical virology and a professor of paediatrics, positively evaluated this union, the union between paediatrics and virology. The first one was Professor Demetrios A. Spandidos, Professor of Clinical Virology in one of the most recognised medical schools in Europe, the University of Crete School of Medicine, whose scientific contribution has been recognised worldwide (4). The second one was Professor Maria Theodoridou, Professor of Paediatrics at the First Department of Paediatrics at the oldest and largest university in Greece, University of Athens; Professor Theodoridou is one of the most significant paediatricians in Greece in the field of paediatric infectious diseases (PID) over the past 50 years (5). Both of them were very supportive and due to their help and encouragement, our efforts that started in the UK were not abandoned, but continued with growing interest and enthusiasm.

Since 2015, we managed to organize the ‘workshops on paediatric virology’ as an official session of the annual ‘World Congress on Advances in Oncology’ and the ‘International
of paediatric virology to stand alone. This proposal included a documented in the international medical literature on the value paediatric virology proposal' (14). This proposal was the first led to the writing, presentation and publishing of the '2015 atric virology as a separate paediatric subspecialty, which proof indeed that these standards were fulfilled.

of the birth of the Institute of Paediatric Virology, today, is a was deeply felt. We tried to do our best and the announcement responsibility to fulfill their highest-level scientific standards tency. We owe great gratitude to both of them. All this time, our we are really proud of her (13).

her highest quality as a scientist and human; as paediatricians as a leading neonatologist at the international level as well as advice over the years that followed were a proof of her quality welcome hosted us at King's College London; her support and Health (RCPCH). Our 'Queen in neonatology' with her warm and Research at the Royal College of Paediatrics and Child College London in London (UK) and vice President of Science Neonatology and Clinical Respiratory Physiology at the King's during recent years and that are expected in the near future.

A critical point during this journey was the idea of paediatric virology as a separate paediatric subspeciality, which led to the writing, presentation and publishing of the '2015 paediatric virology proposal' (14). This proposal was the first documented in the international medical literature on the value of paediatric virology to stand alone. This proposal included a detailed schedule related to the duration and knowledge-base of the required studies. It was a Greek proposal with international support, as among its co-authors was Professor Anne Greenough. This proposal was something new, an innovative approach, as there is no medical school in the world with a related schedule of specialization or sub-specialization of paediatric virology. During the following period, a very interesting debate was initiated. Top experts in our field were asked to evaluate this proposal and their different opinions were collected by the PVSG (15). As we have already mentioned during the celebration of the 10 years of the PVSG (3), our aim is not to cause a revolution in the existing educational programmes, but to add a tiny mosaic tile in the colourful and endless mosaic of future paediatrics.

At the end of the ‘4th workshop on paediatric virology’, which was held in Athens, Greece, in 2018, the PVSG evaluated positively the possibility of the foundation of a specialised and recognised scientific institution in the field of paediatric virology (1). So, at the beginning of 2019, the PVSG designed the Memorandum of association of the IPV and the IPV was initiated. Among the first steps of the IPV will be the creation of the https://paediatricvirology.org, a collaborative, educational e-platform aiming to facilitate the education of basic scientists as well as doctors of other specialties related schedule of specialization or sub‑specialization of paediatric virology. During the following period, a very inter

during the celebration of the 10 years of the PVSG (3), our aim is not to cause a revolution in the existing educational programmes, but to add a tiny mosaic tile in the colourful and endless mosaic of future paediatrics.

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During the last part of our journey, the PVSG tried to fulfill 4 principal objectives. First of all, to explore and establish the need for a specialised scientific institution in the field of paediatric virology; this would be the first specialised institution not only in Greece, but also at the international level. Secondly,
to determine our competencies and our capability as junior paediatricians and young scientists to establish this institution in Greece. Thirdly, to guarantee the quality of our scientific contribution. We are interested in creating an institution, which is good, and functions in a state-of-the-art way. Last but not least, to create an institution, which will be functional and viable in the future. Thus, necessity, capability, quality and viability are our main goals.

During this journey, we realised, even at its beginning in 2007 in Liverpool, that paediatric virology is an increasing, rapidly developing, separate branch of medicine, which is essential in medical education and our everyday’s clinical practice; nobody would refute its necessity. Paediatric virology as a separate entity has been rejected, though, almost 50 years ago. However, over the past few decades, new viral infections have appeared, while old viruses have re-emerged. New molecular virology techniques have been developed for the diagnosis and evaluation of viral infections, new vaccines, prevention’s strategies and therapeutic agents are developed and other are still required, while there are specific groups of patients, such as children treated in Paediatric Intensive Care Unit (PICU) or transplant patients, in whom highly-level medical technology and care options are in use. Moreover, there are new social threats, such as the anti-vaccination movement, the financial crisis and the immigration crisis, the largest in the human history after the Second World War. All these new diagnostic, therapeutic and social challenges require specialised medical health professionals in paediatric virology.

As regards our second objective, the question about our capability to perform this scientific task in Greece, a country under continuous financial crisis, was really difficult. Our answer should take into account the possibility that this institution could be based in top academic centres abroad. Supporting Greece as the base of this effort should guarantee the scientific and financial capability of this task. The PVSG, as well as the participants in our workshops, offered us all the required scientific capability. It is important to highlight that all this support was exclusively based on their voluntary efforts without any fees or financial demands by them.

Regarding quality, I would like to focus on the methods through which we have tried to ensure it. We are interested in keeping this scientific attempt, which is performed for the first time in my country, away from the past defects of the Greek society and the local scientific community. We are interested in founding a scientific institution based on values that guarantee the quality of our effort. These values include dedication in science and humanity, the value of transparency, the value of excellence and the value of freedom in knowledge. The scientific and humanitarian quality of our teachers is a proof of the quality of our institution.

Finally, we discussed the viability of the IPV. We do not want this institution to be a star that falls in the summer sky and disappears quickly after running only for some msec on the Earth’s atmosphere. We want the light of the IPV to be like the light of a bright, stable, self-luminous star that leads and illuminates the scientific knowledge in our field. We want the IPV to have a perspective, to be developed and to be established in the scientific community as an independent, dynamic and innovative, highest-level scientific institution with international recognition and acceptance.

For these reasons, the necessary structures were designed and defined accordingly in its Memorandum of association (I). The Paediatric Virology Council (PVC) was set up, with the main task of directing, organizing and supervising the IPV and fulfilling its intended goals. Its immediate cooperation with the scientific body of the IPV, which will be the PVSG, was secured. The Advisory Academic Board (AAB) will consist of top experts in paediatric virology with strong international recognition and substantial contribution to the field. The targeted Scientific Committees and Groups were also designated.

At this point, I would like to thank all of the contributors to this effort, all the scientists who have stood beside us and who have joined us all these 12 years with enthusiasm and selflessness (4-29). Today, is the moment that our aim and our efforts are effectively fulfilled, indeed. The vision of the foundation of the IPV did not remain a dream or an idea, but with the help and support of all of you it became a reality. This project is an example of what new scientists, who are dedicated to their science and are in love with their homeland, are able to create in Greece. This is a moment of inspiration; of creation; of birth. We hope that from now on, the IPV will contribute to the upgrading of the bold, new, scientific field of paediatric virology. The IPV will try to produce new scientific work and new ideas in the field focusing on medical education, both undergraduate and postgraduate, but also continuing. It will highlight our real needs into clinical practice. This is an exemplary aim, indeed, a project worthy of all of you. This is ensured and safeguarded by the PVSG in the best possible way. From today, the IPV is called to function as an official institution and to be expanded. This is something that will be our next priority in the near future. We will do our best so that the IPV will introduce to our scientific community a high-level scientific discourse. We will do our best so that the IPV will help all scientists and encourage them to work together aiming to advance modern paediatrics.

There is a co-incidence, which I would like to refer: one hundred years have passed since the Spanish flu pandemic, which has wiped out one third of the population of the island of Skyros and many families in the nearby islands (9). Several family cases, who died due to the Spanish flu outbreak, have also been reported on the island of Euboea, including the
families of three children; the family of a three-year-old boy, who in October 1918 lost his both parents and his two older sisters due to the Spanish flu and the family of his two cousins, who also lost their both parents (30). Almost after one century, the foundation of the IPV is dedicated to the memory of these three children, who managed to survive of the 1918 Spanish flu outbreak.

We wish to express all our gratitude to all of you, who supported this idea; we want to thank, particularly, our little patients from the island of Euboea and their parents for their trust over the years, without which none of these would have been possible today (31). We will continue our efforts. And you have our promise that, all of you, you will be proud of the IPV. This is what we can; this is what we wish.

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Competing interests

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

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