

# Our Profile

**We are Non-Profit Company and Public Benefit Organisation in South Africa**

**The Immunopaedia Foundation NPC offers free immunology education to everyone, anywhere in the world.**

- We provide free immunology education
- We create and support online courses targeted towards students in low-and-middle income countries
- We offer health professionals in South Africa a free opportunity to earn Continuing Professional Development (CPD) points

**Company Registration Number: 2019/439575/08**

**Tax Number: 9128455244**

**PBO Number: 930071372**

## Background

Immunopaedia.org was launched at the 2005 South African AIDS Conference and at that time, the focus was on the immunology of HIV infection in children- and hence the origin of the name: Immunopaedia – the immunology of paediatrics.

Immunopaedia always has been free and open access. Initially aimed at clinicians; we use clinical case studies to educate on immunology.

Over the last 20 years we have expanded to become a broader resource of immunological knowledge.

# Courses

We create and host online courses in partnership with the [International Union of Immunological Societies \(IUIS\)](#) and other bodies. These courses educate and support participants and students before and after Immunology conferences and courses world-wide.

The IUIS Education Committee developed the concept of interactive regional workshops supported by preparatory online specific course modules to optimize contact teaching time. These online courses are managed and developed by Immunopaedia. Immunological concepts, clinical findings as well as multiple illustrations are used to build dynamic and interactive courses.

We provide frameworks of knowledge so that participants can fully engage and get the very best out of real-world courses. We also provide lectures, relevant resources and assessment to educate users on all fronts.

## The people behind Immunopaedia

### Clive Gray, PhD

Clive Gray is the founder of Immunopaedia. He was awarded a PhD in transplantation immunology in 1994 and subsequently moved into HIV/AIDS research seeing this as a priority in the South African context. He has since worked at the Center for AIDS Research at Stanford University investigating specific cellular immunity to HIV in individuals receiving antiretroviral drug therapy. He was one of the first to publish on the restorative effects of HAART on the immune system and was lead author on one of the first papers to show diminished antigen-specific CD8+ T cells in response to lowering antigen load by suppressing



viral replication with HAART. Locally he has co-coordinated pioneering workshops on HIV vaccines, been actively involved in the scientific agenda of vaccine development in South Africa and was the Chair of the Division of Immunology, Institute of Infectious Disease and Molecular Medicine at the University of Cape Town. He is recipient of the Elizabeth Glaser Pediatric AIDS Foundation International Leadership Award, allowing the development of Immunopaedia.

### **Bonamy (Bon) Holtak**



Bonamy, better known as Bon, is our Senior Communications Officer and a Director of the Immunopaedia Foundation. Bon curates and coordinates Immunopaedia, she is responsible for content and development as well as overseeing all administrative aspects. She manages all e-learning on the website and planning and project management. Bon also manages digital marketing and event planning. She also oversees finances and manages the administration of the Immunopaedia Foundation.

### **Caleb Petersen**











### **Mbali Mkonza**


### **Stefan Botha**

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# Steering Committee

The Immunopaedia Steering Committee consists of a diverse group of members that hold a variety of skill-sets and research focuses.

<p><b>Dr Gilbert Fauré</b>  Professeur des Universités  Praticien Hospitalier  Curator of  <a href="https://scoop.it/t/immunology">scoop.it/t/immunology</a>  External Profile – <a href="#">Linkedin</a></p>		<p><b>Dr Gary Entrican</b>  Moredun Research Institute,  Scotland  Chair of the Veterinary  Immunology Committee  External Profile – <a href="#">Moredun</a></p>	
<p><b>Dr Monica Mercer</b>  Director, Scientific and  Medical  Affairs at Sanofi Pasteur  External Profile – <a href="#">Linkedin</a></p>		<p><b>Dr Olivier Boyer</b>  Proffessor at University de  Rouen,  France  External Profile –  <a href="#">University de Rouen</a></p>	
<p><b>Dr Ridha Barbouche</b>  Institut Pasteur de Tunis,  Tunisia  Ph.D Department of  Immunology  External Profile – <a href="#">Pasteur Institute</a></p>		<p><b>Dr Guido Ferrari</b>  Duke University, North  Carolina, USA  Associate Professor of  Surgery  External Profile – <a href="#">Duke University</a></p>	
<p><b>Dr Menno van Zelm</b>  Associate Professor at  Monash  University, Australia  Chair of the Nomenclature  Committee  External Profile – <a href="#">Linkedin</a></p>		<p><b>Dr Maria Roso Bono</b>  Departamento de Biología,  Facultad  de Ciencias, Universidad de  Chile  Member of EDU Committee  External Profile –  <a href="#">University of Chile</a></p>	
<p><b>Dr Shubhada V. Schiplunkar</b>  Advanced Centre for  Treatment, Research &amp;  Education In Cancer  (ACTREC) Mumbai  Member of EDU Committee  External Profile – <a href="#">ACTREC</a></p>		<p><b>Dr J. Alejandro Lopez</b>  Program Director, Medical  Science  School of Natural Sciences,  Griffith University,  Australia  Council Member of IUIS  External Profile – <a href="#">Linkedin</a></p>	

<b>Dr Luis F García</b> Emeritus Professor Grupo de Inmunología Celular e Inmunogenética Universidad de Antioquia, Medellín, Colombia Member of the IUIS Council and Education Committee External Profile – <a href="#">ResearchGate</a>			
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## History

Dr. Clive Gray, the founder of Immunopaedia, received the Elizabeth Glaser Pediatric AIDS Foundation International Leadership Award to develop a web-based resource to enhance the knowledge of immunology in South Africa-based clinicians. Based on the feedback received from South African paediatricians, who at the time saw immunology as a “laboratory science with little application to clinical practice”, Dr. Gray and colleagues developed a web-based teaching system which later became known as Immunopaedia. The main method employed in this system was a “Trojan Horse Approach” whereby, mentees were presented with a clinical case study and were gradually “lured” into a detailed investigation of clinical and immunological foundations of disease.

Since its inception, Immunopaedia has become a source of immunological knowledge for a broad audience of students, healthcare providers and researchers from both clinical and basic science backgrounds.

## Awards

Immunopaedia was awarded the Science Prize for Online Resources in Education (SPORE) in 2010. This was a first for a South African online initiative. The SPORE prize was developed to single out the best online materials in science education.

AAAS – [Immunology Web Site Awarded Prestigious Prize by](#)

## Milestones

- **2004:** Clive Gray funded by the Elizabeth Glaser Pediatric AIDS Foundation
- **2005:** Immunopaedia.org launched in Durban, South Africa
- **2007:** New web design and offering immunology workshops
- **2008:** Awarded Immunopaedia scholarships to researchers
- **2009:** New web design
- **2010:** Awarded the Science Prize for Online Resources in Education (SPORE)
- **2014:** Partnership with the International Union of Immunology Societies
- **2015:** Partnership with I Care for use of immunology materials
- **2015:** Support for IUIS courses in Medellin Colombia and Cape Town, South Africa: ImmunoColombia and ImmunoSouth Africa
- **2016:** Support for IUIS courses in Tunisia (ImmunoTunisia), Mexico (ImmunoMexico), The Gambia (ImmunoGambia) and other courses in Kilifi, Kenya (KENPOB3)
- **2017:** Support for IUIS course in Gondar, Ethiopia (ImmunoEthiopia) in Cape Town, South Africa (ImmunoSouth Africa 2017) and Brazil (Immuno-Brazil) plus Immunology in the Tropics, Entebbe, Uganda.
- **2017:** Immunopaedia Ambassadors programme launched creating a network of IUIS scholars alumni
- **2018:** Support for IUIS course in Morocco (Immuno-Morocco), Kenya (Immuno-Kenya) and Tehran, Iran (Immuno-Iran)
- **2019:** Immunopaedia Foundation NPC registered
- **2019:** Support for IUIS course Mexico-Immunoinformatics, Immuno-South Africa 2019, Immuno-Benin and Immuno-Jaipur, India.
- **2020:** Support for IUIS Immuno-Ethiopia 2020 and support,

organization and running of fully virtual Immuno-Algeria 2020.

- **2021:** Immunopaedia Foundation registered as PB0
- **2021:** Support, organization and running of fully virtual Immuno-Colombia 2021 and support and organization of hybrid Immuno-Tunisia 2021
- **2022:** Support, organization for Immuno-Argentina 2022 and Immuno-Zambia 2022
- **2023:** Support, organization for Immuno-Morocco 2023, Immuno-India 2023 and Immuno-Chile 2023