

# Ivy Cerelia Valerie

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## ABOUT ME

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<b>Interests</b>	Data analytics, Multidisciplinary research, Medical writer, Language acquisition
<b>Technical Skills</b>	SPSS, Python, Excel, BigQuery
<b>Languages</b>	Indonesian (native), English (IELTS 8.0), Japanese (JLPT N5 180/180)

## EXPERIENCE

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<b>Statistician</b>	May 2021 – Present
<i>International Severe Acute Respiratory and Emerging Infection Consortium (ISARIC)</i>	<i>Global Initiative</i>
• Collaboration as data analyst and data contributor from Indonesia under ISARIC working group supervision.	
<b>Research Assistant</b>	Nov 2020 – Present
<i>Sanglah General Hospital/Universitas Udayana</i>	<i>Denpasar, Bali</i>
• Responsible to meet growing demand for research and academic endeavors of the intensive care department.	
<b>External Reviewer</b>	Jun 2020 – Present
<i>Bali Medical Journal</i>	<i>Denpasar, Bali</i>
• Undertake peer-review and quality control in journal management as the journal progresses to qualify for scopus title evaluation.	
<b>Clinical Intern</b>	Mar 2021 – Nov 2021
<i>Negara General Hospital and Pekutatan I Public Health Center</i>	<i>Jembrana, Bali</i>
• Participated in special internship batch in response to early COVID-19 pandemic wave as assigned by the ministry of health.	

## COURSES

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Google Data Analytics (2022)	Google
CS50's Introduction to Computer Science (2022)	Harvard University
Kaggle python course (2022)	Kaggle
The 3rd Evidence-based Research Training School Phase I and II (2021)	European COST Action
Certified Publons Academy Peer Reviewer (2021)	Web of Science

## EDUCATION

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<b>Universitas Udayana</b>	2018 – 2020
<i>Medical Doctor</i>	<i>Denpasar, Bali</i>
• GPA: 3.92/4.00	
<b>Universitas Udayana</b>	2014 – 2018
<i>Bachelor of Medicine, Bachelor of Surgery</i>	<i>Denpasar, Bali</i>
• GPA: 3.93/4.00	
• <b>Best Graduate</b>	
• <b>Final project</b> : Prevalence and risk factor for soil-transmitted helminths (STH) infection in elementary school students of SD Negeri 1 Sulangai, Sulangai village, Petang district, Badung regency	

## ACHIEVEMENTS

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<b>Grant holder</b> of research and development (LITBANG) research grant for undergraduate scheme (2017)
<b>Oral presenter</b> of 6th International Conference on Bioscience and Biotechnology (2015)
<b>Grant holder</b> of student creativity program (PKM) research grant in the research branch (2014)
<b>High Distinction</b> Australian Mathematics Competition Year Eleven Senior Division (2013)
<b>Silver Prize</b> International Mathematics Contest (2008, 2009, 2012)
<b>Silver Award</b> Asia-Pacific Mathematical Olympiad for Primary Schools (2008)
<b>Silver Medal</b> National Science Olympiad, Mathematics (2007)

## PROJECTS

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### **Analysis on disparate impact of pediatrics COVID-19 in lower-middle income countries | ISARIC**

- This ongoing research highlights the discrepancy between developed and developing country with respect to COVID-19 pandemic situation.

### **Political affiliation and COVID-19 vaccination rate | Multidisciplinary collaboration**

- A political take on the gaps in national public health measure.

### **Review of the role of ferritin in pediatric critical illness | Intensive care department**

- Systematic scoping review on a highly familiar yet less standardized interpretation of critical illness biomarker.

### **Intensive care unit protocol handbook | Intensive care department**

- Practical handbook designated for improving consensus development.

## PUBLICATIONS

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### **Journals**

- Suparyatha IB, Wati DK, Hartawan INB, Gunawan VL, Kelana ADDM, Valerie IC. Unusual extrapulmonary manifestations of covert COVID-19: a case series at a tertiary care hospital in Bali, Indonesia. *Journal of Pediatric and Neonatal Individualized Medicine*. 2021;10(1):e100147. <https://doi.org/10.7363/100147>
- Valerie IC, Sudarmaja IM, Swastika IK. Prevalence and risk factor for soil-transmitted helminths (STH) infection in elementary school students of SD Negeri 1 Sulangai, Sulangai village, Petang district, Badung regency. *E-Jurnal Medika Udayana*, [S.l.]. 2019;8(10) <https://ojs.unud.ac.id/index.php/eum/article/view/54285>

### **Conference**

- Wirawan GBS, Pradnyani IGAI, Prabandari AASM, Valerie IC, Purwanta MLA. Antibacterial activity of methanol extract of rambutan (*Nephelium lappaceum*) seed against *Streptococcus pyogenes*. Presented at: 6th International Conference on Bioscience and Biotechnology; 2015; Denpasar, DPS.