Happy New Year!

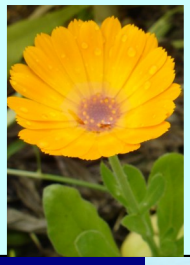
14 December 2025

Herbal Analysis Reporter

HERBAL ANALYSIS SERVICES (HAS)

SPECIAL THANK YOU:

- Research collaborators
- Research students
- Worldwide followers



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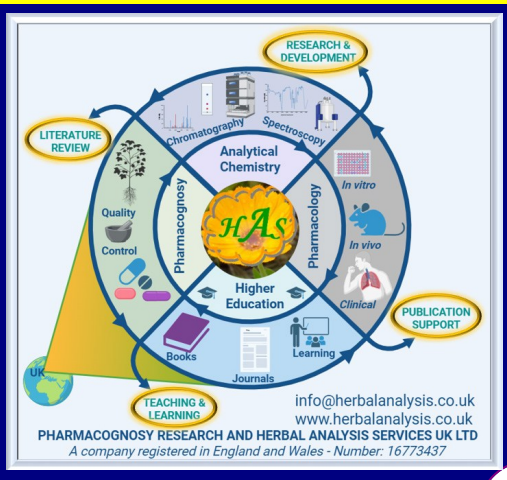
GREETINGS!

Celebrating 2025 as our Year of "Pharmacognosy Research & Herbal Analysis Services UK" Listed as a Recognised Centre of Research Excellence in the UK



40 YEARS OF RESEARCH CAREER (1985-2025)

Colleagues following my scholarly activities are accustomed to the logo on the right depicting my teaching, research and outreach/consultancy areas. On reflection, my journey as a scientist started in 1985, right after graduating from Addis Ababa University, when I was tasked to establish a bioassay screening centre for testing the efficacy of East African medicinal plants. I am lucky to celebrate four decades of a research journey on natural products that made me a living library in the field (... page 4).

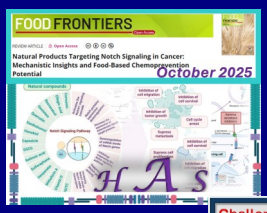


From our research activities

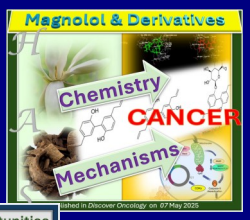
On anticancer drug discovery

Inspiration from natural products as leads

Our international collaborative projects continue with many papers published in reputable journals in this field. I particularly thank Professor Javad Sharifi-Rad who played a key role in bringing top global scientists to our team from countries including Chile, Ecuador, India, Italy, Mexico, Nepal, Nigeria, Pakistan, Poland, Qatar, Republic of Korea, Romania, Saudi Arabia, Slovakia, Tajikistan, UK, Ukraine, and USA. Click on our promotional graphic abstracts/posters (images right) to access some of our exemplary publications on natural products as potential therapeutic leads for cancer.



Food Frontiers

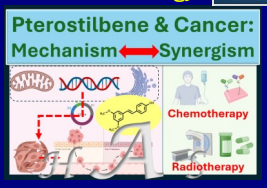


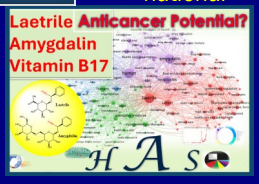
Discover Oncology



Medical Oncology

Cell Biology International

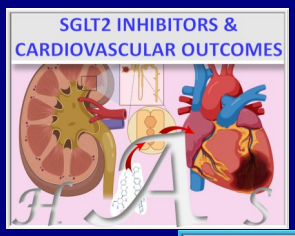




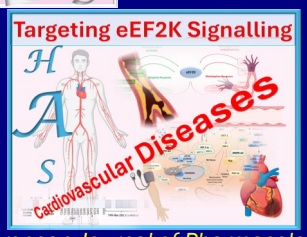
On Cardiovascular front

My collaborators, particularly in Iran, who have been engaged in cardiovascular research projects from bench to clinical trials continued to be my inspiration. This year, my special thank you goes to Professor Aysa Rezabakhsh of the Tabriz University of Medical Sciences who led many successful projects along with other Iranian colleagues. Exemplary publications include the role of SGLT2-inhibitors in cardiovascular outcomes and the merit of pharmacologic targeting of eEF2K in cardiovascular diseases (click on the images—right).

Current Problems in Cardiology



Tackling the World's #1 cause of death



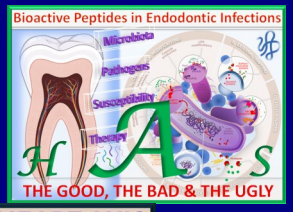
European Journal of Pharmacology

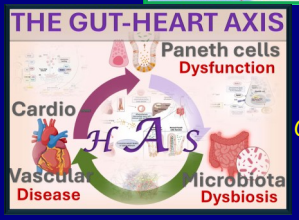
On the Microbiota

The Good, the Bad, and the Ugly of Microbiota

Trillions of microbes, far more than our own cells, live in our body. Good relationships of a symbiotic nature exist between us as some promote digestion, our immunity to infection and health; the opportunistic bad ones cause infection and diseases when we are weakened; while the ugly pathogenic ones are always active to cause severe diseases. Our inspiration on assessing the role of microbiota in health and diseases continues. Exemplary publications this year with our collaborators in this field are represented by "Bioactive peptides in Endodontic infections" (image right) and that assessing the "correlation between Paneth cells' dysfunction, microbiome dysbiosis" and cardiovascular diseases (Link by clicking on images—right).

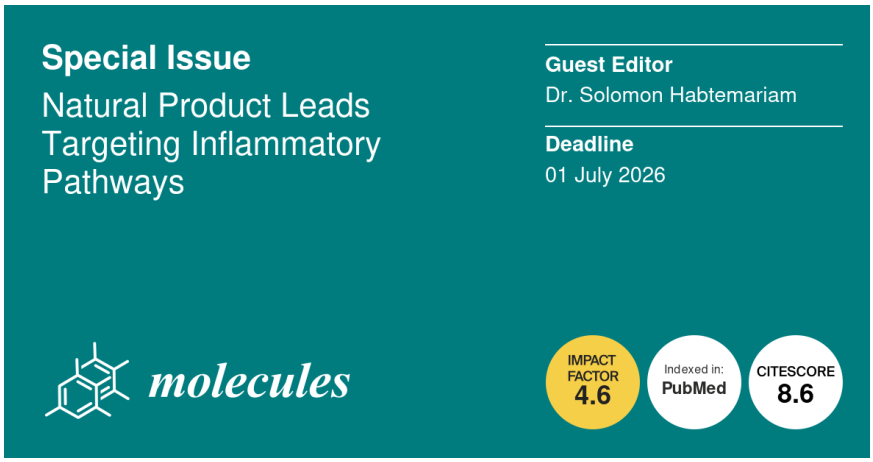
Probiotics and Antimicrobial Proteins

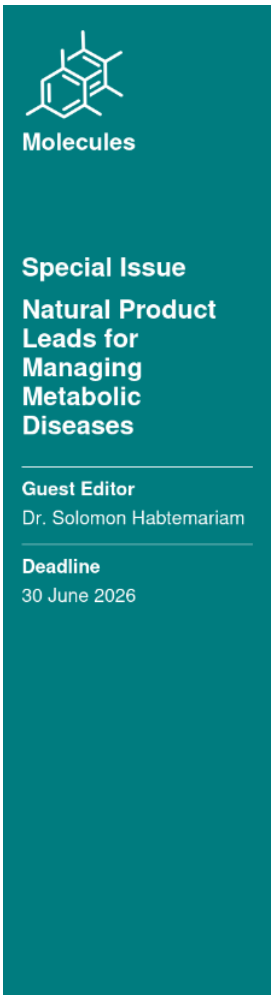




Cell Communication and Signaling

EDITORIALS





Special issues—Call for papers

Beyond serving as a member of editorial boards for around a dozen journals and championing several other editorial tasks, I felt it is time to go back to earlier days of leading special issues in my field as a guest editor. The two special issues for '*molecules*' that I have agreed to edit in 2026 are *Natural Products Targeting Inflammatory Pathways* (Image above) and *Natural Product Leads for Managing Metabolic Diseases* (image right). The '*call for papers*' is being circulated and if anyone has manuscripts for consideration, please let me know. The pathology and therapeutics of inflammatory diseases and metabolic disorders, primarily diabetes and associated diseases, are also among my top research interest. We are keen to collaborate in all aspects of research in this field.

OUTREACH

The opportunity I had in May 2025 to travel to Addis Ababa allowed me to fulfil my promise of donating a few copies of my books to Abrehot Library; which is claimed to be the largest public library in East Africa. My recent book entitled "Basic Chemistry for Life Science Students and Professionals: Introduction to Organic Compounds and Drug Molecules" can now be accessed by university students and the general public in Addis Ababa. I was astonished by the efficiency of the librarians in processing (bar-coding and cataloguing) donated books to instantly placing them on the shelves. They provide certificates of appreciation (image right) for generous donations. I also donated a copy of my book to the reading room of the Chemistry Department of Addis Ababa University (Natural Sciences Campus).



I have had the most rewarding and memorable visit and encourage all to donate books and learning resources to where they are needed most. Happy to discuss with people who can dedicate some time and energy on such novel endeavours.

The joy of donating a book you authored



Dr Solomon Habtemariam

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Herbal Analysis Services was founded in 2006 and exclusively owned by Dr. Solomon Habtemariam. Its mission is three-fold: to discover novel drugs from natural sources; employ phytochemical and pharmacological assays to standardise plant medicines; and provide expert advice and services on the subject area. The website also provides resources and news both on our scholarly activities and expert opinions on hot education/research topics of interest. Dr Habtemariam leads an internationally renowned multidisciplinary team of scientists and published over 300 papers as well as books, editorials, patents, etc. He welcomes all collaborative requests on pharmacology, pharmacognosy and natural products businesses.

Elected Fellow:

the Royal Society of Medicine (2007); the Royal Society of Chemistry (2009); the African Scientific Institute (2014); the African Academy of Sciences (2015).

Ruby career & Pearl Marriage Annivs.

(... from page 1) My followers would recall my articles over the years highlighting the difficulty of excelling in research even here in the UK, particularly, in the so called post-92 or teaching-focused universities. I recall my days at Strathclyde University where I was educated (MSc & PhD), did some post doctoral years of research and also started my academic lectureship in Pharmacology. I always recommend the University of Strathclyde and Scotland as a country as the best place to study as I put my success to the training I received there by world-class scientists in the field and the excellent learning/working environment. As I discussed it over the years, natural products, pharmacognosy and related disciplines in the UK have long gone as a taught subject by their own right even in pharmacy education. So we kept the pharmacognosy flag flying by any other name and in my case, my research, through outreach activities. After 27 years of keeping the balance between several competing interests at the University of Greenwich and celebrating my 40th workiversary this year, I am moving my research forward to a new direction. My research and knowledge exchange brand (Pharmacognosy Research & Herbal Analysis Services UK) is now run as a registered centre of excellence in England with its own address.

(Stay tuned for more news!)

As they say, every family has a story to tell so let me also welcome you to mine this year as I celebrated with my wife our 30th year of marriage – Yes indeed, it was a very happy **Pearl Anniversary** symbolising three decades of our unity and resilience to successfully raise our two children and see us grow over the years to share the beauty of love and joy that build upon us.



Recognition

In the past few years, I regularly posted news headlines celebrating my inclusion in the world ranking of scientists. This year was no exception — I was named as one of the top 0.05% of all (30 million) scholars worldwide in the latest (2025) Highly Ranked Scholars (Prior 5 Years) listing by ScholarGPS: world #2,017. Overall lifetime career (All Fields); world #18 Pharmacy and Pharmaceutical Sciences; world #3 Pharmacology and Toxicology. This ranking has been consistent in the last few years - e.g., world #1 in Pharmacology and Toxicology based on the year 2023 (Prior 5 Years) ranking.


ScholarGPS

Solomon Habtemariam

is honored as a

2024

Highly Ranked Scholar - Prior Five Years

in

All Fields of Scholarly Endeavor

as conferred by ScholarGPS in recognition of exceptional productivity, noteworthy impact and quality of scholarly work in the top 0.05% of 30 million scholars worldwide.

The " **World's Top 2% Scientists**" list in an annual ranking produced by Stanford University and Elsevier similarly identifies the world's most highly cited researchers across various scientific fields, also included my name as with the previous years. What is unique about my entry this year within the top quarter of this listing (ranking of 16,641 in self-citations excluded or 15,821 in all citations) is the global recognition of Pharmacognosy Research & Herbal Analysis Services UK, my corporate address, as a research centre of excellence in the UK.



I always put my success down to inspiration by hundreds of thousands of my website visitors, hundreds of international collaborators who dedicated their life to science, and family and friends who stood by me at all times. I can't thank everyone individually so thank you all so much for your support - I am also truly grateful for all the messages I receive via the various forums. I wish you all a Merry Christmas and Happy New Year.

Thank You!