

**Commemorative event in memory of
Dr. Roland Schauer
Dr. Tamio Yamakawa
Dr. Frederic A. Troy II**

Sialoglyco 2022

September 5, 2022; Nagoya, Japan

Chair: Hideharu Ishida & Ken Kitajima

Roland Schauer (1936-2019)

1955-1966: Eberhard Karls University, Tübingen

1966: Diploma in Biochemistry

**1967-1976: Habilitation (1970), Docent to Associate Professor,
Ruhr University Bochum**

**1976-2001: Professor and Director of the Institute of
Biochemistry, Christian-Albrechts University of Kiel**

2002: Lifetime Achievements in Sialoglycoscience Award

**2009: Rosalind Kornfeld Award for Lifetime Achievements in
Glycobiology**

**Mr. Sialic Acid: Diversity of sialic acids;
Biosynthesis of modified sialic acids
(Acetylation, Methylation)**



Tamio Yamakawa (1921-2018)

1944: Univ of Tokyo School of Medicine

**1944-1966: Researcher, Associate to Full Professor,
Institute of infectious Diseases, The University of Tokyo**

**1966-1982: Professor, Department of Biochemistry, School
of Medicine, The University of Tokyo**

**1982-1991: Director, Tokyo Metropolitan Institute of Clinical
Medicine**

**1991-1995: President, Tokyo University of Pharmacy and
Life Sciences**

1987-2018: Member of the Japan Academy

1982: Japan Academy Prize

2014: Bunkakorosha (Person of Cultural Merits)

2014: Lifetime Achievements in Sialoglycoscience Award

**Discovery of Hematoside, Neu5Gc-GM3;
Structure of sialic acid**



Frederic A. Troy II (1937-2022)

1961: Washington University, St. Louis, B.S. in Chemistry

**1966: Purdue University, West Lafayette, Ph.D. in
Biophysical Chemistry**

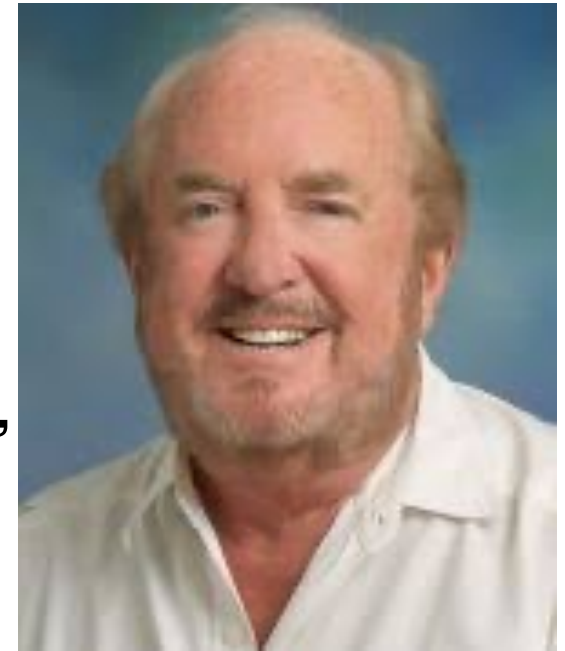
**1966-1968: Postdoctoral Fellow of the American Cancer Society,
The Johns Hopkins University School of Medicine.**

**1968-1980: Assistant to Full Professor of Biochemistry and
Molecular Medicine, University of California, School of
Medicine, Davis, California**

**1980-2022: Professor of Biochemistry and Molecular
Medicine, University of California, School of Medicine, Davis, California**

**2007-2019: Professor (Adj). Department of Molecular Medicine, Xiamen University
School of Medicine, Xiamen City, China**

2017-2022: E.A. Dickson Emertiti Professor, University of California



**Polysialic acid: Biosynthetic mechanism; Endo-N;
Oncology/Metastasis; Neurocognition**

**Commemorative event in memory of
Profs. Roland Schauer, Tamio Yamakawa, and Frederic A. Troy II
Sialoglyco 2022; September 5-8, 2022; Nagoya, Japan**

❖ Commemorative Speech

**Elfriede Schauer (Kiel) - Ken Kitajima reads
Nissi Varki (Univ California San Diego)
Akemi Suzuki (Tohoku Med Pharm Univ)**

❖ CE-1 Vered Padler-Karavani (Tel Aviv Univ)

❖ CE-2 Chihiro Sato (Nagoya Univ)

❖ CE-3 Ken Kitajima (Nagoya Univ)

Elfriede Schauer (Kiel)



- Minnasama
- Dear colleagues and friends of Roland Schauer
- Thank you very much for commemorating Roland's enthusiasm for, and his contributions to the world of sialic acids and his efforts to bring together scientists from a variety of fields, as he found these glycans
- **S**timulating, **I**nteresting, **A**nti-ageing, **L**ife-saving, **I**rritating, **C**ommunication-driving,
- **A**tttractive, **C**hallenging, **I**lluminating, **D**emanding and **S**ophisticated

Thank you also for commemorating

Prof. Tamio Yamakawa,

who introduced us not only to the special sialic acids in Japanese and European dogs but to the fascinating culture of Japan. Among those colleagues who formed our respect and love to your country I want to recall and pay my respect to the late

Profs. Kyoko Hotta, Yoshitaka Nagai, and Haruo Ogura

I also join you in remembering

Prof. Frederic Troy.

By reflecting about these personalities I feel deeply grateful for having had the opportunity to meet them and to learn about their work.

I wish all of you continuous success and satisfaction, joy in interacting and a meeting with ground-breaking results.

Thank you very much – Arigatou gozaimasu

Elfriede Schauer

September 5, 2022

Nissi Varki
(Univ California San Diego)

Video

Akemi Suzuki
(Tohoku Med Pharm Univ)

