

CURICULLUM VITAE

Name : Rofiq Sunaryanto
Place/Date of Birth day : Yogyakarta INDONESIA, September 25, 1971
Gender : Male
Institution : Balai Pengkajian Bioteknologi BPPT (Biotech Center BPPT) INDONESIA.
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Academic Background

No	University	City / Country	Graduated/ level	Field of study	Years Graduated
1.	Gadjah Mada University	Yogyakarta Indonesia	Undergraduate	Chemistry	1996
2.	Bogor University of Agriculture	Bogor Indonesia	Graduate/ Master Degree	The Agro-Industrial of Technology	2003
3.	Bogor University of Agriculture	Bogor Indonesia	Graduate/ Doctoral Degree	The Agro-Industrial of Technology	2011

Work experiences

1. Researcher at Biotech Center BPPT on 1997-now

Traning/Course

1. Field: Modern Analytical Instrument ; Location: Yogyakarta ; Dates: September 11-12, 1996.
2. Field: Training for Synthesis of Biodegradable Plastic Polymer ; Sponsored by: ITIT JAPAN; Location: JAPAN ; Dates: July 5, 1999
3. Field: Membran Technology on Application ; Sponsored by: BPPT ; Location: Serpong Tangerang INDONESIA; Dates: December 6-9, 1999.
4. Field: Training for Documentation Standardization product (SNI-19-17025-2000); Sponsored by: Badan Stadarisasi Nasional; Location: Bogor; Dates: July 21-22, 2003
5. Field: Training for Audit Internal Laboratory Quality System 17025; Sponsored by: BPPT ; Location: PUSPIPTEK Serpong Tangerang INDONESIA ; Dates: July 31-August 1, 2003.
6. Field : Training for Organic analysis using Nuclear Magnetic Resonance (NMR); Sponsored by : BPPT; Location PUSPIPTEK Serpong Tangerang Indonesia ; Date : September 24,2004.
7. Field : Training for Conservation And Sustainable Use Of Tropical Marine Biological Diversity, sponsored by Marine Biotechnology Institute, (MBI) Kamaishi JAPAN, and JICA. Dates; November , 2006 – July 21 2007.

Research Experiences.

1. Research for production of Cephalosporin C
2. Research for production of Cyclosporine A.
3. Research for synthesis of plastic biodegradable
4. Research and production of Glucoamylase
5. Isolation, purification, and production of active compound from marine actinomycetes

Awards

Awards of Science and Technology for Industrial Development (STAID) BPPT Scholarship for Master of Science programme. Year of 2000 until 2002.

Awards of Islamic Development Bank Scholarship for Doctoral Programme. Year of 2007 until 2010.

Awards as The Best Author on Internasional Conference “*Society for Microbiology an International Symposia*” organized by The Indonesian Society for Microbiology. Bogor INDONESIA 2010.

Awards as The Best Author on internasional conference “*5th Conference of AASP (Asian Association of Schools of Pharmacy)*”, organized by Schools of Pharmacy Institut Teknologi Bandung ITB (Bandung Institute of Technology) and AASP on June 16-19, 2011.

Research work (Published/Unpublished)

1. Substitution of Corn Step Liquor and Import Glucose with Cane Mollases and Local Glucose for Fermentation of Chepalosporine C” Presented on Conference of Indonesian Microbiology Association. June, 28, 2004. Denpasar Bali INDONESIA.
2. Chemical Synthesis of Poly(Lactide) and Biodegradability Test. Presented on Indonesia Microbiology Association Conference. June 28, 2000 Denpasar Bali INDONESIA.
3. Synthesis of Poly(Lactide) Using Some Stereoisomer of Lactide. **Proceeding** National Chemistry Conferences, Chemistry Department of Institute Teknologi Sepuluh November, Surabaya INDONESIA, August 22, 2005.
4. Polymerization of Poly((ϵ -Caprolactone) and Biodegradability test. **Proceeding** of National Microbiology, Enzymes and Biotechnology. Jakarta INDONESIA February 15-16, 2000
5. Effect Of Permeation Pressure To Separation Constant And Flux On Separation Of Water And Ethanol. **Proceeding** of Chemical Engineering Conference, Diponegoro University, Semarang INDONESIA. July 23-24, 2003.
6. Reduction of the Product Inhibition Effect on Ethanol Production Process Using Pervaporation Membrane. Presented on Indonesia Microbiology Association Conference. Bandung Indonesia. August, 29, 2003.
7. Copolymerization of Stereoisomer Lactide with glycolide which include Biodegradable Plactic. **Proceeding** of Chemical Engineering Conferences. Indonesia University. Jakarta, March 31, 2004.
8. Waste Recycle of Alcohol Industry Using Microfiltration and Pervaporation Membran. **Proceeding** of Chemical Engineering Conferences. Indonesia University. Jakarta, March 31, 2004.
9. Biodegradability of Aliphatic Polyester. **Jurnal** of Indonesia Microbiology Volume 5, Nomor 2 September 2000.
10. Reduction of The Product Inhibition Effect on Ethanol Production Process Using Pervaporation Membrane. **Proceedings** of The Indonesian

- Microbiology Association Conferences. Bandung INDONESIA September, 2, 2000
11. Separation and Characterization of Glucoamylase Enzyme Extracted from *Aspergillus niger* BCS. **Jurnal** Biosains dan Bioteknologi Indonesia Volume 3, Nomor 1, April 2004. ISSN 1412-0984.
 12. Separation of Glucoamylase from Fermentation Broth Using Ultrafiltration Membrane. **Proceeding** of National Conferences of Chemical Process. Semarang INDONESIA July 21-22, 2004.
 13. Combination effect of Carbon Sources (Rice Brand : Tapioca) and Nitrogen Sources on Solid State Cultivation to Produce Glucoamylase. **Proceeding** of National Conferences of Chemical Process. Semarang INDONESIA July 21-22, 2004.
 14. Physic and Chemical Characteristic of Buffalo Milk fermented Using Lactic Acid Bacteria. **Proceeding** of Chemical Engineering Conferences of Parahyangan Catholic University Bandung. April 28, 2005. Bandung INDONESIA.
 15. Exploitation of Dedak extract and CaneMollase for Produce Cephalosporine C Using Fermentor 20 Litre. **Proceeding** of National Chemical Engineering Conferences of Parahyangan Catholic University Bandung. April 28, 2005. Bandung INDONESIA.
 16. Effect of Temperature and Catalyst Concentration on PolyLactide Polymerization Process. **Proceeding** of Conferences of Chemical Engineering Department Diponegoro University Semarang INDONESIA. July 27-28, 2005.
 17. Isolation of *Lactobacillus* which have Probiotic potency from Milk Buffalo. **Proceeding** of Conferences of Chemical Engineering Department, Diponegoro University. Semarang INDONESIA. July 27-28, 2005.
 18. Effect of Lactose Adding on Loastatin Production by Fermentation. **Proceeding** of Conferences of Chemical Engineering Department Diponegoro University Semarang INDONESIA. July 27-28, 2005.
 19. The Effects Of Initial Water Content And Rice Bran:Tapioca Mixture On The Productivity Of Glucoamylase. **Proceeding** of National Chemical Engineering Conferences, Indonesia University. .March 23, 2005.
 20. Production of Cyclosporine A using *Tolypocladium inflatum*. **Proceeding** of Conferences of Chemical Engineering Department Institute of Bandung National Technology (ITENAS). August 31, 2005.
 21. Characterization of *Lactobacillus casei* as Probiotic for Application. **Proceeding** of Conferences of Chemical Engineering Department Institute of Bandung National Technology (ITENAS). August 31, 2005.
 22. Effect of nitrogen and Carbon Sources at ethanol production by *Saccharomyces Cerevisiae*. **Journal** of Saint and Technology BPPT INDONESIA volume 8 Agustus 2005.
 23. Antimicrobial Activity And Characterization Of Bacteriocin Produced By *Lactobacillus Acidophilus*. Presented on Conference of Indonesian Society for Microbiology. August, 27, 2006 Solo INDONESIA.
 24. Isolation and screening of marine actinomycetes producing antimicrobial

- substance. **Journal** of Indonesia Journal of Marine Science (IJMS). Volume 14 No.2. Juni 2009, page 98-101. Published by Diponegoro University INDONESIA.
25. Isolation and Characterization of Antimicrobial Substance from Marine *Streptomyces* sp. **Journal** of Journal of Microbiology Indonesia. Volume 4. No.2. Agustus 2010, page 84-89. Published by The Indonesian Society for Microbiology.
 26. Antibiotic Compound from Marine Actinomycetes (*Streptomyces* sp. A11); Isolation and Structure Elucidation. **Journal** of Indonesia Journal of Chemistry, Volume 10. No. 2. July 2010, page 219-225. Published by Department of Chemistry, Gadjah Mada University INDONESIA.
 27. Isolation and structure elucidation Antimicrobial Substance Produced By Marine Actinomycetes. **Journal** of Pasca Panen dan Bioteknologi Kelautan dan Perikanan. Volume 5 No. 1 Juni 2010.
 28. Cyclo(tyrosyl-prolyl) Produced by *Streptomyces* sp.: Bioactivity and Molecular Structure Elucidation. **Journal** of Microbiology Indonesia, Volume 5 No.2 June 2011 page 71-72. Publish by The Indonesian Society for Microbiology.

Jakarta, October 23, 2011

Rofiq Sunaryanto