

CURRICULUM VITAE

NAME

Yeun-Jun Chung

Address and contact information

Department of Microbiology

The Catholic University of Korea, College of Medicine

505 Banpo-dong, Socho-gu, Seoul 137-701, Korea

Present Academic Position

Professor of Department of Microbiology, The Catholic University Medical College

Director/BK21 PLUS Convergence HealthCare Science Program

Director/Integrate11.9d Research Center for Genome Polymorphism Head of IRCGP

Chief for Admissions Administration

Education

1983-1989 M.D. Catholic University Medical College

1993-1998 PhD Post Graduate School of Catholic University of Korea

Professional Carrier

2013.9- Chief for Admissions Administration

2013.9- Director/BK21 PLUS Convergence HealthCare Science Program

2011.9-2013.8 Associate Dean for Research Support Affairs

2007.5- Director, Integrated Research Center for Genome Polymorphism

2009.3- Professor, Dept. of Microbiology, Catholic Medical College

2004.3- Associate Professor, Dept. of Microbiology Catholic Medical College

2001.1-2004.1 PostDoc Research Fellow, Sanger Institute, Cambridge, UK

1998-2003 Assistant Professor, Dept. of Microbiology Catholic Medical College

1996-1998 Instructor, Dept. of Microbiology Catholic Medical College

EDITORIAL BOARD

2007- *Experimental & Molecular Medicine*: Editorial Board

2009- *World Journal of Gastroenterology*: Editorial Board

2008- *Genomics & Informatics*: Associate Editor

2007- *Molecular & Cellular Toxicology*: Editorial Board

RESEARCH INTERESTS

Oncogenomics

- Analysis of genome-wide chromosomal aberrations in cancers using array-CGH
- Defining diagnostic/prognostic targets for Cancers
- Develop algorithms for defining recurrently altered regions in cancers and their ontological implications
- Cancer Genome Evolution

Variomics

- CNV/SNP analysis and their disease association studies (Cancer, Autoimmune disease and Psychiatric diseases)
- Develop algorithms for defining human copy number variations (CNV)
- Disease association rule mining
- Personalized Genome-Medicine
- Discovering the rare variants in congenital disorder

PATENT

USA: US patent no 7,939,255 (2011)

: DIAGNOSTIC METHODS FOR COLORECTAL CANCERS

KOREA: 10-0660634 (2006)

: DNA library selectively enriched repetitive DNA sequence and the method of preparing thereof

KOREA: 10-0759288 (2007)

: Diagnostic methods of lung cancer and its subtypes by CGH

KOREA: 10-0991901 (2010)

: Prediction methods for autism using copy number variation and kits by using thereof

KOREA: 10-1315592 (2013)

다중모드 중합효소 연쇄반응-모세관 전기영동법을 이용한 유전자 복제수 변이의 분석방법

KOREA: 10-1326367 (2013)

항암제 저항성의 진단 및 진단 키트

KOREA: 10-1491214 (2015)

1 q 25 . 1 위치, C4 위치, 및 10 q 21 . 3 위치의 DNA 복제 수 변이 검출용 프라이머를 포함하는 전신성 홍반성 루푸스 발병 위험도 예측용 조성물