

Author Index

- Abu-Shakra M and Shoenfeld Y: Human anti-DNA idiotype (16/6 idiotype): pathogenic role in autoimmunity, 10
Allen IE: See Hardin JM, 115
- Banerjee D, Karim R, Hearn SA, and Geddes D: Human monoclonal antibodies to neuroendocrine granules derived from tumor-infiltrating lymphocytes isolated from a primitive neuroectodermal tumor, 55
Baylis P: See McLachlan SM, 166
Bearing A: See James K, 145
Bessler WG: See Hoffman P, 137
Borrebæck CAK: See Xiu-mei Z, 42
- Crumpacker D: See Liao S-K, 66
Cryz Jr., SJ: See Lang AB, 96
Cui H: See Qian H, 104
- d'Apice AJF: See Power DA, 34
Dating C: See Hardin JM, 115
DeBoer K: See McKnight ME, 77
- Ehrlich PH, Moustafa ZA, Harfeldt KE, Isaacson C and Östberg L: Potential of primate monoclonal antibodies to substitute for human antibodies: nucleotide sequence of chimpanzee Fab fragments, 23
Eichler G: See Martin RF, 154
Ernst M, and Sonneborn H-H: Human monoclonals against erythrocyte antigens, 122
- Feng J: See Qian H, 104
Filaccio ML: See Martin RF, 154
Flahart RE: See Liao S-K, 66
Fox FE and Platsoucas CD: Human T-T cell hybridomas: development and applications, 3
Fukuma M: See McLachlan SM, 166
Furer E: See Lang AB, 96
Furihata K: See Kunicki TJ, 83
Fu T: See Qian H, 104
Fu Z: See Qian H, 104
- Gardner J: See James K, 145
Geddes D: See Banerjee D, 55
Gerkis V: See Power DA, 34
Gillies SD and Wesolowski JS: Antigen binding and biological activities of engineered mutant chimeric antibodies with human tumor specificities, 47
Glaser RW, Volk H-D, Liebenthal C, Jahn S, and Grunow R: Immortalization of magnetically separated human lymphocytes by electrofusion, 111
Glassy MC: Editorial, 2
Glassy MC: See Koda K, 15; McKnight ME, 77
Gordon J: See James K, 145
Gregory RL, Hobbs LC, Kindle JC, VanTo T, and Malmstrom HS: Immunodominant antigens of *Streptococcus mutans* in dental caries-resistant subjects, 132
Gregory RL, Kindle JC, Hobbs LC, VanTo T, and Malmstrom HS: Effects of smokeless tobacco on the ability of secretory component to bind to the IgA/J chain complex, 126
Grimm R: See Hoffman P, 137
Grunow R: See Glaser RW, 111
- Hardin JM, Khazaeli MB, Allen IE, Dating C, and LoBuglio AF: Limited sampling models for HA-1A IgM monoclonal antibody, 115
Harfeldt KE: See Ehrlich PH, 23
Hearn SA: See Banerjee D, 55
Hobbs LC: See Gregory RL, 126; Gregory RL, 132
Hoffmann P, Jimenez-Diaz M, Loleit M, Tröger W, Wiesmüller K-H, Metzger J, Jung G, Kaiser I, Stöcklin S, Lenzner S, Peters JH, Grimm R, Schäfer E, Bessler WG: Preparation of human and murine monoclonal antibodies: antigens combined with or conjugated to lipopeptides constitute potent immunogens for in vitro and in vivo immunizations, 137
Horton L: See Liao S-K, 66
- Imbaratto JW: See Liao S-K, 66
Isaacson C: See Ehrlich PH, 23
Isenberg DA: See Watts RA, 160
- Jahn S: See Glaser RW, 111
James K, Gardner J, Skibinski G, McCann M, Thorpe R, Bearing A, and Gordon J: Cell surface phenotype, cytokines, and antibody gene expression in immortalized human B cell lines, 145
Jimenez-Diaz M: See Hoffman P, 137
Jung G: See Hoffman P, 137
- Kaiser I: See Hoffman P, 137
Karim R: See Banerjee D, 55
Kekomaki R: See Kunicki TJ, 83
Khazaeli MB: See Hardin JM, 115
Kindle JC: See Gregory RL, 126; Gregory RL, 132
Kisor R: See Martin RF, 154
Koda K: See McKnight ME, 77
Koda K and Glassy MC: In vitro immunization for the production of human monoclonal antibody, 15
Kunicki TJ, Furihata K, Kekomaki R, Scott JP, and Nugent DJ: A human monoclonal autoantibody specific for human platelet glycoprotein IIb (integrin α_{IIb}) heavy chain, 83
- Lang AB, Furer E, Senyk G, Larrick JW, and Cryz Jr., SJ: Systemic generation of antigen specific human monoclonal antibodies with therapeutical activities using active immunization, 96
Larrick JW: See Lang AB, 96
Lenzner S: See Hoffman P, 137
Liao S-K, Horton L, Flahart RE, O'Rear L, Crumpacker D, Imbaratto JW, Yanelli JR, Robinson RR, and Oldham RK: Binding and functional properties of a mouse-human chimeric monoclonal antibody of the human IgG1 subclass with specificity for human carcinomas, 66
Liebenthal C: See Glaser RW, 111
LoBuglio AF: See Hardin JM, 115
Loleit M: See Hoffman P, 137
- McCann M: See James K, 145
McKnight ME, Koda K, DeBoer K, and Glassy MC: Human monoclonal antibodies to nuclear antibodies, 77
McLachlan SM, Fukuma M, Sarsero D, Phillips DIW, Petersen VB, Pegg CAS, Baylis P, and Smith BR: Potential role of PHA in producing human monoclonal thyroid autoantibodies of different subclasses, 166
Mally MI: Genetic engineering of human lymphocytes for the production of monoclonal antibodies, 27
Malmstrom HS: See Gregory RL, 126; Gregory RL, 132
Martin RF, Kisor R, Schroer F, Eichler G, and Filaccio ML: Pokeweed mitogen-stimulated human lymphocytes fused to LICR-2 (HYM2) generate human-human hybridomas producing monoclonal IgG antibodies reactive to human breast carcinoma and malignant melanoma, 154
Metzger J: See Hoffman P, 137
Moustafa ZA: See Ehrlich PH, 23
Muller S: See Watts RA, 160
- Nugent DJ: See Kunicki TJ, 83
- Oldham RK: See Liao S-K, 66
Östberg L: See Ehrlich PH, 23
O'Rear L: See Liao S-K, 66
- Pegg CAS: See McLachlan SM, 166
Petersen VB: See McLachlan SM, 166
Peters JH: See Hoffman P, 137
Phillips DIW: See McLachlan SM, 166
Platsoucas CD: See Fox FE, 3
Power DA, Gerkis V, and d'Apice AJF: Production of human monoclonal antibodies to B lymphocyte cell surface antigens by in vitro immunization and human-human hybridoma technology, 34
- Qian H, Cui H, Feng J, Fu T, Wei P, and Fu Z: Generation and characterization of human monoclonal antibody HMD4 against ovarian carcinoma and the study of radioimmunoinaging in nude mice, 104
- Robinson RR: See Liao S-K, 66
- Sarsero D: See McLachlan SM, 166
Schäfer E: See Hoffman P, 137
Schroer D: See Martin RF, 154
Scott JP: See Kunicki TJ, 83
Senyk G: See Lang AB, 96
Shoenfeld Y: See Abu-Shakra M, 10
Skibinski G: See James K, 145
Smith BR: See McLachlan SM, 166
Sonneborn H-H: See Ernst M, 122
Stöcklin S: See Hoffman P, 137
- Thorpe R: See James K, 145
Tröger W: See Hoffman P, 137
- VanTo T: See Gregory RL, 126; Gregory RL, 132
Volk H-D: See Glaser RW, 111
- Watts RA, Winska-Wiloch H, Muller S, Isenberg DA: Analysis of factors affecting human hybridoma production, 160
Wei P, See Qian H, 104
Wesolowski JS: See Gillies SD, 47
Wiesmüller K-H: See Hoffman P, 137
Winska-Wiloch H: See Watts RA, 160
- Xiu-mei Z and Borrebæck CAK: In vitro immunization of human B lymphocytes with cultured melanoma cells (SK-MEL 28), 42
Yanelli JR: See Liao S-K, 66

Subject Index

- Active immunization, 96
ADCC, 66
Antibodies, 23, 145
Autoantibody, 160
- B cells, 111
Binding, 66
Breast melanoma, 154
- Carcinoma, 66
Cell fusion, 3
Chimeric antibody, 47, 66
Chimpanzee, 23
Cytokines, 145
- Deletion mutant, 47
Dental caries, 132
- EBV-transformation, 42, 122
Electrofusion, 111
Electroporation, 27
- Fusion, 122
- Genetic engineering, 27
Glycoprotein IIb, 83
Gram-negative bacteria, 96
- HA-1A monoclonal antibody, 115
HIV peptides, 137
HLA, 34, 160
Human B cells, 145
- Human hybridoma, 27, 77, 160
Human monoclonal antibodies, 34, 42, 55, 83, 96, 154
Human monoclonals, 122
Human mononuclear cells, 111
Human-mouse hybridoma, 104
Hybridomas, 154
Hybridoma selection, 3
- ¹³¹I labeling, 104
IgG subclasses, 166
IgM, 83
IL-2, 66
Immortalization, 27
Immunoglobulin A, 126, 132
Immunoglobulin G, 132
Integrin, 83
In vitro immunization, 34, 42
- J chain, 126
- LAK cells, 66
Lipopeptides, 137
- Melanoma, 42
Monoclonal antibodies, 27, 137, 160
Monoclonal antibody HMD4, 104
Murine monoclonal antibodies, 137
- Neuroendocrine granules, 55
Nude mice, 104
- Nuclear antigens, 77
- Ovarian carcinoma, 104
- Phenotype, 145
Phytohemagglutinin (PHA), 166
Platelet, 83
Pokeweed mitogen (PWM), 154, 166
Protective antibody, 96
Pseudomonas aeruginosa, 96
- Radioimmunoimaging, 104
Recombinant DNA, 27
Regression analysis methodology, 115
Rh-D, 122
- Saliva, 126
Saxitoxin, 137
Secretory component, 126
Sequence, 23
SHFP-1, 77
SLE, 160
Streptococcus mutans, 132
- T cell hybrids, 3
T cells, 111
Thyroglobulin (Tg) autoantibody, 166
Thyroid lymphocytes, 166
Thyroid peroxidase (TPO) autoantibodies, 166
Tobacco, 126
UC 729-6, 77