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# APPLICATION FORM

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## PREVENTIVE MEDICINE PROFILES

### WELLBEING

- Health optimization: WELL BEING genes
- Oxidative stress: OXYgenes
- Detoxification capacity: DETOXgenes
- Cell aging: TELOMEROS

### CARDIOLOGY

- Cardiovascular risk: CARDIOgenes
- Thrombosis risk: TROMBOgenes
- Lipid metabolism: LIPIDgenes
- Profile HOMOCISgenes

### DERMATOLOGY

- Androgenetic alopecia: ALOPECIAgenes
- Skin disorders: PIELgenes

### GASTROENTEROLOGY

- Colon cancer risk: COLONGenes
- Lactose intolerance: LACTOgenes
- Gluten intolerance: CELIACgenes
- Gilbert syndrome: GILBERTgenes

### ENDOCRINOLOGY-NUTRITION

- Type 2 diabetes risk: DIABETOgenes
- Lactose intolerance: LACTOgenes
- Lipid metabolism: LIPIDgenes
- Nutrition: NUTRIGENOMIC-BASIC
- Obesity tendency: OBEgenes
- APOE diet: APOEgenes

### GYNAECOLOGY - OBSTETRICS

- Hormone Replacement Therapy: FEMgenes
- Obesity tendency: OBEgenes
- Osteoporosis risk: OSTEOgenes
- Contraceptives: TROMBOgenes
- Breast cancer by HRT: MAMAgenes
- Cáncer mama esporádico: SPORADICgenes

### SPORTS MEDICINE

- Cardiovascular risk: CARDIOgenes
- Physical aptitude: SPORTgenes

### HEMATOLOGY

- Hemochromatosis gene: HEMOCROMgenes

### PNEUMOLOGY

- Nicotine addiction: NICOTINAgenePlus
- Alpha-1 antitrypsin deficiency: ANTITRIPSINAgene

## NEUROLOGY - PSYCHIATRY

- Risk of neurodegenerative diseases: NEUROgenes
- Emotional stability: EMOgenes

## STOMATOLOGY

- Periodontitis risk: DENTYgenes
- Causing bacteria: BACTOdent
- Metal prosthesis: METALSgenes

## OPHTHALMOLOGY

- AMD risk: MACULAgene
- Glaucoma risk: GLAUCOMAgene
- Open Angle risk: GLAUCOMAgene A. A.

## RHEUMATOLOGY

- Detoxification capacity: DETOXgenes

## UROLOGY

- Prostate Cancer Risk: PROSTATAgene

## PHARMACOGENETICS

### PHARMACOGENETIC PROFILES

- ANALGESICOSpgx
- ANSIEDADpgx
- ANTIARRITMICOSpgx
- ANTICOAGULANTESpgx
- ANTIDEPRESIVOSpgx
- ANTIEPILEPTICOSpgx
- ANTIPSICOTICOSpgx
- ESTATINASpgx
- GLOBALpgx
- HIPERTENSIONpgx
- ONCOMAMAPgx NEW
- PROSTATAPgx NEW
- PSICOPgx NEW
- TDAHpgx

### INDIVIDUAL DRUGS

- ACENOPgx (Sintrom®)
- ASPIRINpgx
- CLOPpgx
- KIF6pgx (Statins suitability)
- METOTREXATOPgx

### ONCOLOGY

- IRINOTECANpgx
- MERCAPTOPURINAPgx
- ONCOMAMAPgx NEW
- PIRIMIDINASpgx
- TIOGUANINAPgx

ASK US FOR OTHER DRUGS

- 11q23 (FLJ)
- 8q24 rs6983267
- 8q24 rs7014346
- 9q24 (CHR9)
- AAT [PIM, PIS]
- AAT [PIM, PIZ]
- ABC1A1 [R219K]
- ABCB1 (MDR1) C3435T
- ABP1 [F3325]
- ABP1 [H645D]
- ABP1 [T16M]
- ACE [I/D]
- ACTN3 ex15 [R577X]
- ADD1 [G460W]
- ADH2 [R370C]
- ADH2 [R47H]
- ADR B1 [G1251C]
- ADR B1 [R389G]
- ADR B2 [Q27E]
- ADR B2 [R16G]
- ADR B3 [W64R]
- AGT [M235T]
- AGTR1 (A1166C)
- AGTR1 (C907T)
- AGTR2 [ex3 - 3'UTR]
- ALAD [K68N]
- ALDK - AldoB [N344K]
- ALDO - Aldo B [A149P]
- ALDP - Aldo B [A174P]
- ALOX5AP rs10507391
- ALOX5AP rs4769874
- APM1 [G276T]
- APM1 [G3G]
- APM1 [T45G]
- APOA1 (MspI)
- APOA5 [T-1131C]
- ApoB (codon 3500)
- APOC3 [C3238G]
- ApoE (E2/E3/E4)
- AR (E213E)
- ARMS2 [A69S]
- ATG[16L1]
- BCL6 [Asp387Asp]
- BDNF [V66M]
- BHMT rs3733890
- BMP2 [S37A]
- CALCRT [T447C]
- CAT ex4/int4
- CBS rs5742905
- CEND1 [G870A]
- CETP [I405V]
- CETP taq1[intron A- G279A]
- CFH[Y402H]
- Chip CYP2D6, 13 SNPs
- CHR18
- CHR2 rs 2180439
- CHR2 rs 913063
- Chr20
- CHR8 rs7014346
- CHR9 rs179725
- CHRM rs1824024
- CHRM2 rs2061174
- c-kit [D816V]
- CLOCK rs1801260
- CNR 1 [T453]; [G1422A]
- CNR 2 [L251]
- Col1A1 (SP1)

- COMT [V-158M]
- CPN10 [G4852A]
- CPOX-4 [N272H]
- CPOX-5 [E330E]
- CPT1B rs5770917
- CARP [C-711T]
- CTL A 4 [A49G] [Thr17Ala]
- CYBA [Y72H] [C242T]
- CYP11B1 [Ala386Val]
- CYP17 rs743572
- CYP19A1 rs10046
- CYP19A1 [3'UTR T/C]
- CYP1A1\*2A
- CYP1A2\*C
- CYP1A2\*F
- CYP1B1\*3
- CYP2A6\*2
- CYP2A6\*3
- CYP2A6\*4
- CYP2B6\*4
- CYP2C19\*17
- CYP2C19\*2
- CYP2C19\*3
- CYP2C8\*2
- CYP2C8\*3
- CYP2C8\*4
- CYP2C9\*2
- CYP2C9\*3
- CYP2D6 13 SNPs CHIP**
- CYP2D6 \*3
- CYP2D6\*2x
- CYP2D6\*4
- CYP2D6\*6
- CYP2D6\*7
- CYP2D6\*8
- CYP2E1\*5A
- CYP2E1\*5B
- CYP2E1\*6
- CYP3A4\*1B
- CYP3A5\*3C
- DPD [R235G]
- DPYD CHIP 11 SNPs CHIP**
- DQ28-DQ2 Coeliac disease
- DQ28-DQ8 Coeliac disease
- DRD2 [Taq I]
- EGFR [D994D]
- ELAC2 [A541T]
- EPHX exon 4 [A15443G]
- EPHX exon 4 [A15443G]
- EPHX exon 3 [Y113H]
- EPHX exon 8 [N357]
- ER [Pvu]
- ER [Xba]
- ER\_TA-repeat
- ERCC2=XPD [K751Q]
- FABP2 [A54T]
- Factor II [G20210A]
- Factor V [G1691A]
- Factor VII [R353Q]
- Factor XIII [VAL34LEU]
- FCER1A rs2251746
- FCER1A rs2427837
- FGF (G-455A)
- FGFR2
- FGFR2 rs2981582
- FKBP5 (IVS2 C>T)
- FLG [2282del4]

## UNITARY SNP TEST

- FLG [R501X]
- FTO rs9939609
- GHRH [L72M]
- GJA4 [P319S]
- GNAS rs7121
- GNB3 [C825T]
- GPX [P198L]
- GSTM1 \*0
- GSTM3 [G3209A]
- GSTP1 [I105V]
- GSTT1 \*0
- HCP5 rs2395029
- (HLA-B\*5701)
- HFE [C282Y]
- HFE [H63D]
- HFE [S65C]
- HLA B27
- HMGR [C-911A]
- HNMT [C314T]
- HPA-GP3 T12548C
- HSD17B2 [S312]
- HSPA1A rs1043618
- HSPA1A rs1061581
- HSPA1A rs2227956
- HTR2A (A-1439G)
- IL-1 A [T-889, exon11]
- IL-10 [G-1082A]
- IL-1B [C3945T]
- IL-1B [C-511T]
- IL1RN [T2018C]
- IL-23R [R381Q]
- IL28B rs12979860
- IL-4 [C-33T]
- IL4r [Q551R]
- IL6 [G-174C]
- INSIG2 (C/G) intron
- IRS-1 [G971R]
- JAK2 [V617F]
- KIF6 [WT719R]
- KLOTHO [G-395A]
- LCTA [T-13910C]
- LDLR [Ava2(ex13)]
- LDLR [Hinc2 (ex12)]
- LEP(A-2548G)
- LEPR [Q223R]
- LIPC [-514C/T]
- LPA rs10455872
- LPA rs3798220
- LPL [D9N]
- LPL [N291S]
- LPL [S474X]
- LRP5 [A1330V]
- LRP5 [V667M]
- MAPT rs1800547
- MDM2 Intron [G309T]
- MDR1 [C3435T]
- MMP1 rs1799750
- MMP3(5A/6A)
- MTHFR [A1298C]
- MTHFR [C677T]
- MTP [G-439T]
- MTR [G919D]
- MTRR [A66G]
- MTRR [M22I]
- NAT1\*10
- NAT1\*3
- NAT1\*4

- NAT2\*5A
- NAT2\*6A
- NAT2\*7A/B
- NOD2 [Ex 8 2722 G/C]
- NOS3 [E298D exon 7]
- NOS3 [T-786C]
- NOS3 [T-808C]
- NPPA rs1049872
- NPPB rs198389
- NPY [L7P]
- OGG1 [S326C]
- OPG [T 245 C]
- P53 exon4 [C429G] P72R
- PAI [4G/5G]
- PCSK9[R46L]
- PGR [331G/A]
- PLIN [1482G>A]
- PLIN [V373V]
- PON1 [M55L]
- PON1 [Q192 R]
- PON2 rs12026
- PPAR alpha [IVS7-(G2498C)]
- PPAR gamma [P12A]
- PTPRS rs17130
- PTPRS rs886936
- QPCT rs3770748
- RANK L rs9594782
- RANK rs12458117
- REN [T5795G]
- SELE [S149R]
- SELP [V640L]
- Serpine A3 [G-51T]
- SH2B [A484T]
- SHBG [D356N]
- SLC6 - SLC6A4 (G/C-intron1)
- SLCO1B1[V174A]
- SMAD / 18q21
- SNCA rs356219
- SOD1(A5V9)
- SOD1(G93A)
- SOD2 [A16V]
- SRD5a[A49T]
- SRD5a[V89L]
- SREBP2 [G1748C]
- SULT1a1\*2
- TCF 4, = TCF7L2
- TGF beta [exon1, codon10]
- TGFB1 rs1590
- TGFB1 rs334348
- TGFB1 rs334349
- TGFB1 rs7871490
- TLR4 (Thr399Ile)
- TNF alpha [G-238A]
- TNF alpha [G-308A]
- TNRC9 rs3803662
- TPH1 (IVS8)
- TPH2 (G-703T)
- TPMT \*2
- TPMT \*3B
- TPMT \*3C
- UGT1A1 \*28 [TA6/TA7]
- VDR [BsmI]
- VDR [Taq I]
- VDR Fok1 [M1T]
- VEGF [C-2578A]
- VKORC1 [-G1639A]

## GENETIC DISEASES

Consult each case:  
info@eugenomic.com

## SAMPLE COLLECTION KITS

Note if you need material for sample collection:

- Saliva kit
- Safety bag for blood sample
- BACTOdent tips

## OTHER TEST

- Other test

## PRESCRIBER

Name

Surname

College number

Medical center

Email

Telephone

Date

Prescriber signature

**IMPORTANT INFO:** The SNP results should be consulted later in the application g-Nomic, to obtain a correct pharmacogenetic information. Access g-Nomic software through www.eugenomic.com

